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STATISTICAL YEARBOOK OF Ukraine

FOR 2010

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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 2010 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 CIS countries and 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 2010 presents a wide range of statistics on social and economic situation in Ukraine in 2010 compared with 1990, 1995 and 2000–2009. Statistics have been compiled by type of economic or industrial (construction) activity, product type, organisational and legal status, region, etc. 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 2010 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
centner (100 kg)
cub.m – cubic metre
dal – dekalitre
etc. – et cetera
Gcal – giga-calorie
g – gramme
g/L – gramme per litre
h – hour
ha – hectare
kg – kilogramme
kcal – kilo-calorie
km – kilometre
KRB – karbovanets
kV·A – kilovolt-ampere
kW – kilowatt
kW·h – kilowatt-hour
L – litre
Mcal – mega-calorie
m – metre
mg – milligram
mm – millimetre
mln.– million
μg – microgramme
n.i.e. – not included elsewhere
% – percent
pcs – pieces
sq.km – square kilometre
sq.m – square metre
t – tonne
thsd. – thousand
tkm – tonne-kilometre
trln. – trillion
UAH – Ukrainian hryvnya
USD – dollar of USA

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	45,8 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 (Zakarpattya oblast)
Eastern	Chervona Zirka Village (Luhansk oblast)

Neighbouring countries
Poland, Slovakia, Hungary, Romania, Republic of Moldova, 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 2010 *(source: the Ukrainian Hydrometeorological center; mm)*

Steppe	630	Forest	842
Forest-steppe	690	Kyiv city	602

Air temperature *(source: the Ukrainian Hydrometeorological center; °C)*

Average monthly air temperature in 2010

	January	*July*
Steppe	–4,9	24,7
Forest–steppe	–8,6	23,3
Forest	–7,8	21,9
Kyiv city	–8,8	24,4

In 2010 the absolute minimum air temperature was minus 34^0 in January in the Ivano-Frankivsk oblast.

In 2010 the absolute maximum air temperature was plus 42^0 in August in the Luhansk oblast.

Biggest rivers

(length within the borders of Ukraine; km)

Dnipro	1121	Inhulets	549
Dnister	925	Psel	520
Pivdennyi Buh	806	Sluch	451
Siverskyi Donets	700	Styr	424
Horyn’	577	Zakhidnyi Boh	401
Desna	575	Oril’	386

Biggest lakes and estuaries

(sq.km of water surface)

Lakes		***Estuaries***	
Yalpuh	149	Dniprovskyi	800
Kagul	90	Utlyutskyi	700
Kugurluy	82	Dnistrovskyi	360
Sasyk	75,3	Sasyk (Kunduk)	210
Katlabuh	68	Molochnyi	168
		Buzkyi	162
		Tylihulskyi	80

Highest mountain peaks

(m)

Ukrainian Carpathians		***Crimean Mountains***	
Hoverla	2061	Roman-Kosh	1545
Brebeneskul	2032	Demir-Kapu	1540
Petros	2020	Zeytin-Kosh	1534
Hutyn Tomnatyk	2016	Kemal-Egerek	1530
Rebra	2001	Eklizi-Burun	1527
Pip Ivan	1936	Angara-Burun	1453

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

Political system

On 28 June 1996 the Constitution was adopted, 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.

1.2. Religious organisations

(beginning of year)

	1996	2001	2004	2005	2006	2007	2008	2009	2010	2011
Total	**17045**	**24311**	**28740**	**29699**	**30507**	**31227**	**32018**	**32639**	**33351**	**33977**
Centers, departments (eparchies, dioceses, etc.)	161	241	285	294	299	317	328	340	350	362
Communities	16583	23400	27569	28481	29262	29913	30670	31257	31940	32521
Monasteries	147	277	365	378	386	406	421	432	439	459
Missions	79	214	283	298	309	326	333	340	347	357
Brotherhoods	17	53	75	75	76	80	74	74	76	78
Theological schools	58	126	163	173	175	185	192	196	199	200
Number of clergy	15315	22626	26641	27902	28431	29423	29441	29892	30516	30199
Number of Sunday schools	4597	7684	11501	12039	12522	12775	12689	12633	12758	12762

Of the total religious organisations registered at the beginning of 2011, 18219 were Orthodox, 4906 Catholic, 9360 Protestant, 303 communities of Judaic denomination, 598 Moslem, 97 of Eastern cults and 494 other. In addition 1884 religious organisations operated unofficially.

1.3. Registered public associations

(as of January 1, 2011)

	Registered public associations	Official status	
		international	Ukrainian
Total	**3529**	**725**	**2804**
Political parties	185	—	185
Non-profit organisations	3344	725	2619
People's Rukhs (movements)	18	4	14
Ethnic societies and associations for friendly cooperation	177	79	98
Youth associations	217	19	198
of which, student associations	16	—	16
Children's associations	20	3	17
Women's associations	50	6	44
Associations of veterans and disabled	93	15	78
of which, associations of war veterans and disabled	12	—	12
Professional associations	645	85	560
Environment protection (ecological) associations/societies	77	24	53
Societies for protection of memorials and relics	8	2	6
Health, sports and physical training associations	409	46	363
Associations for protection of people from the Chernobyl disaster consequences	37	23	14
Scientific and technological societies, artistic unions	158	41	117
Educational and cultural associations	227	58	169
Other non-profit organisations	1208	320	888
In addition: unions of public associations	137	13	124
charitable organisations (associations, funds and other)	1089	685	404
trade union organisations	165	—	165

1.4. Total area and present population, by region

(as of January 1, 2011)

	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**	**45778,5**	**31441,6**	**14336,9**	**68,7**	**76**
Autonomous Republic of Crimea	26,1	1963,5	1234,0	729,5	62,8	75
oblasts						
Vinnytsya	26,5	1641,2	814,1	827,1	49,6	62
Volyn	20,1	1037,2	537,0	500,2	51,8	51
Dnipropetrovsk	31,9	3336,5	2785,4	551,1	83,5	105
Donetsk	26,5	4433,0	4013,1	419,9	90,5	167
Zhytomyr	29,8	1279,0	741,2	537,8	58,0	43
Zakarpattya	12,8	1247,4	463,8	783,6	37,2	98
Zaporizhzhya	27,2	1801,3	1385,2	416,1	76,9	66
Ivano-Frankivsk	13,9	1379,8	597,3	782,5	43,3	99
Kyiv	28,1	1717,6	1053,5	664,1	61,3	61
Kirovohrad	24,6	1010,0	625,4	384,6	61,9	41
Luhansk	26,7	2291,3	1986,4	304,9	86,7	86
Lviv	21,8	2544,7	1546,5	998,2	60,8	117
Mykolayiv	24,6	1183,3	800,8	382,5	67,7	48
Odesa	33,3	2388,7	1594,8	793,9	66,8	72
Poltava	28,8	1487,8	908,4	579,4	61,1	52
Rivne	20,1	1152,5	551,1	601,4	47,8	57
Sumy	23,8	1161,5	783,0	378,5	67,4	49
Ternopil	13,8	1084,1	474,7	609,4	43,8	78
Kharkiv	31,4	2755,1	2205,2	549,9	80,0	88
Kherson	28,5	1088,2	665,4	422,8	61,2	38
Khmelnytskiy	20,6	1326,9	727,6	599,3	54,8	64
Cherkasy	20,9	1285,4	720,8	564,6	56,1	61
Chernivtsi	8,1	904,3	381,1	523,2	42,1	112
Chernihiv	31,9	1098,2	689,3	408,9	62,8	34
cities						
Kyiv	0,8	2799,2	2799,2	—	100,0	3350
Sevastopol[2]	0,9	380,8	357,3	23,5	93,8	441

[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

1.5. Administrative and territorial units[1], by region

(as of January 1, 2011)

	Rayons	Cities and towns		City districts	Townships	Villages
		total	of which have special, republican and oblast status			
Ukraine	**490**	**459**	**180**	**118**	**885**	**28457**
Autonomous Republic of Crimea	14	16	11	3	56	948
oblasts						
Vinnytsya	27	18	6	3	29	1466
Volyn	16	11	4	—	22	1054
Dnipropetrovsk	22	20	13	18	46	1435
Donetsk	18	52	28	21	131	1118
Zhytomyr	23	11	5	2	43	1613
Zakarpattya	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	998
Luhansk	18	37	14	4	109	782
Lviv	20	44	9	6	34	1850
Mykolayiv	19	9	5	4	17	894
Odesa	26	19	7	8	33	1125
Poltava	25	15	5	5	21	1814
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	1680
Kherson	18	9	3	3	31	658
Khmelnytskiy	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	1483
cities						
Kyiv	—	1	1	10	—	—
Sevastopol[2]	—	2	1	4	1	29

[1] Source: Verkhovna Rada of Ukraine official website (http://w1.c1.rada.gov.ua/pls/z7502/a002)
[2] See the second footnote to Table 1.4

1.6. Basic social and economic indicators

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Gross domestic product (at current prices), mln. UAH	170070	267344	345113	441452	544153	720731	948056	913345	1094607
per capita, UAH	3436	5591	7273	9372	11630	15496	20495	19832	23863
Fixed assets (at current prices, end of year), bln. UAH	829	1026	1141	1276	1569	2047	3150	3904	6649
Population income, mln. UAH	128736	215672	274241	381404	472061	623289	845641	894286	1101015
Consumer price index (Dec. over Dec. of the previous year), percent	125,8	108,2	112,3	110,3	111,6	116,6	122,3	112,3	109,1
Industrial producer price index (Dec. over Dec. of the previous year), percent	120,8	111,1	124,1	109,5	114,1	123,3	123,0	114,3	118,7
Price index for products sold by agricultural enterprises (of the previous year), percent	155,8	120,6	105,7	108,1	102,4	138,0	110,3	106,4	130,0
Consolidated budget, bln. UAH									
Revenue	49,1	75,3	91,5	134,2	171,8	219,9	297,9	273,0	314,5
Expenditure[1]	48,1	75,8	102,5	142,0	175,5	227,6	312,0	310,2	379,2
Deficit	–1,0[2]	0,5	11,0	7,8	3,7	7,7	14,1	37,3	64,7
Financial outcome from usual activity before taxation, bln. UAH	13,9	19,6	44,6	64,4	76,3	135,9	9,0	–42,4	54,4
Industrial products sold, bln. UAH	182,7	289,1	400,8	468,6	551,7	717,1	917,0	806,6[3]	1067,1[4]
Agricultural production (at comparable prices of 2005), bln. UAH	77,9	77,3	92,5	92,6	94,9	88,8	104,0	102,1	100,5
Crop cultivation	43,6	41,1	55,6	54,0	54,9	49,7	64,9	61,5	58,6
Livestock breeding	34,3	36,2	36,9	38,6	40,0	39,1	39,1	40,6	41,9
Fixed capital investment (at current prices), bln. UAH	23,6	51,0	75,7	93,1	125,3	188,5	233,1	151,8	150,7[5]
Residential buldings put into service, mln.sq.m of total size	5,6	6,4	7,6	7,8	8,6	10,2	10,5	6,4	9,3[6]

Table 1.6 continued

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Freight shipped by all type of carriers[7], bln.t	1,5	1,7	1,7	1,8	1,9	2,0	2,0	1,6	1,8
Passenger departure (transportation) by transport of general use[8], bln.	7,8	7,7	8,0	8,2	8,2	8,2	8,3	7,3	6,8
Turnover of retail trade (at current prices), bln. UAH	47,5	87,6	116,3	174,4[9]	237,8[9]	325,1[9]	456,0[9]	444,3[9]	541,5[9]
Services sold[10], bln. UAH	—	56,7	74,4	95,8	120,9	157,0	215,8	224,6	257,1
Exports of goods and services, bln. USD	18,1	27,3	38,0	40,4	45,9	58,3	78,7	49,3	63,2
Imports of goods and services, bln. USD	15,1	24,5	31,1	39,1	48,8	65,6	92,0	50,6	66,2
Resident population (end of year), mln.	48,7	47,4	47,1	46,7	46,5	46,2	46,0	45,8	45,6
Natural increase, decrease (–) in population, thsd.	–373,0	–356,8	–334,0	–355,9	–297,7	–290,2	–243,9	–194,2	–200,5
Total employed[11], thsd.	20175,0	20163,3	20295,7	20680,0	20730,4	20904,7	20972,3	20191,5	20266,0
Unemployed (ILO methodology)[11], thsd.	2655,8	2008,0	1906,7	1600,8	1515,0	1417,6	1425,1	1958,8	1785,6
Unemployment rate (ILO methodology)[11], percent	11,6	9,1	8,6	7,2	6,8	6,4	6,4	8,8	8,1
Registered unemployed (end of year), thsd.	1155,2	988,9	981,8	881,5	759,5	642,3	844,9	531,6	544,9
Registered unemployment rate[11], percent	4,1	3,5	3,5	3,1	2,7	2,3	3,0	1,9	2,0
Average monthly nominal wages[12], UAH	230	462	590	806	1041	1351	1806	1906	2239

[1] Including lending less repayment
[2] Surplus
[3] Data is updated taking into account the changes of the major type of economic activity of enterprises
[4] Data is resulted without taking into account changes of the major type of activity of enterprises
[5] Excluding VAT
[6] See the footnote to Table 9.21
[7] Since 2003, including commercial cargo transportation by natural persons-entrepreneurs
[8] Including automobile passenger transportation by small businesses (natural and legal persons)
[9] See the footnote to Table 12.1
[10] Including VAT
[11] See methodology notes to Chapter 17
[12] Excluding employees of statistically small enterprises and of natural persons-entrepreneurs

1.7. Indices of basic social and economic indicators

(percent of the previous year)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Gross domestic product (at the prices of the previous year)	87,8	105,9	109,6	112,1	102,7	107,3	107,9	102,3	85,2	104,2
per capita	88,5	106,7	110,5	113,0	103,5	108,1	108,6	102,9	85,6	104,7
Population income	526,3	131,2	116,5	127,2	139,1	123,8	132,0	135,7	105,8	123,1
Financial outcome from usual activity before taxation	365,3[1]	…	134,2	226,9	144,4	118,5	178,2	6,6	×	×
Industrial production[2, 3]	88,0	113,2	115,8	112,5	103,1	106,2	107,6	94,8	78,1	111,2
Agricultural production	96,4	109,8	89,0	119,7	100,1	102,5	93,5	117,1	98,2	98,5
Fixed capital investment	71,5	114,4	131,3	128,0	101,9	119,0	129,8	97,4	58,5	99,4
Residential buildings put into service	85,8	90,4	105,9	117,6	103,3	110,4	118,7	102,5	61,0	145,9
Freight shipped by all type of carriers	95,7	99,5	106,2	104,7	104,3	103,7	106,3	99,1	82,4	108,7
Passenger departure (transportation) by transport of general use	77,0	98,3	100,0	103,7	102,5	100,5	99,7	101,4	87,3	94,1
Turnover of retail trade	85,6	106,6	120,6	119,9	122,4	126,5	128,9	118,1	82,6	109,8
Services sold (at comparable prices)	…	…	116,1	124,4	116,4	113,5	115,7	112,8	88,9	103,5
Exports of goods and services	…	118,8	124,1	139,0	106,3	113,7	127,2	134,9	62,6	128,1
Imports of goods and services	…	116,6	134,7	126,9	125,8	124,8	134,5	140,3	55,0	130,8
Resident population (end of year)	99,2	99,1	99,2	99,3	99,3	99,4	99,4	99,5	99,6	99,6
Total employed	—	101,1	100,4	100,7	101,9	100,2	100,8	100,3	96,3	100,4
Unemployed (ILO methodology)	—	101,6	93,8	95,0	84,0	94,6	93,6	100,5	137,5	91,2
Registered unemployed (end of year)	154,3	98,4	95,6	99,3	89,8	86,2	84,6	131,5	62,9	102,5
Average monthly wages										
Nominal	514,2	129,6	122,8	127,5	136,7	129,2	129,7	133,7	105,5	120,0
Real	110,6	99,1	115,2	123,8	120,3	118,3	112,5	106,3	90,8	110,2

[1] Balance sheet surplus
[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

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.

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 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[3]	1094607	23863	104,2	104,7	65,9	115,0

[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 consump-tion	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[1]	189669	110706	78963	15288	–189	63864
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[1]	116750	52919	63831	37676	–5754	31909

Table 2.2 continued

	Year	Output	Inter-mediate consump-tion	Gross value added	Of wich		
					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[1]	788017	620867	167150	102876	1927	62347
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[1]	104515	68859	35656	26497	–197	9356
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[1]	98212	65746	32466	17735	474	14257
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[1]	262653	110057	152596	58412	3398	90786

Table 2.2 continued

	Year	Output	Inter-mediate consump-tion	Gross value added	Of wich		
					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[1]	209457	86989	122468	55952	873	65643
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[1]	84592	26943	57649	52003	89	5557
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[1]	64966	22876	42090	35372	98	6620
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[1]	400915	141466	259449	142227	605	116617

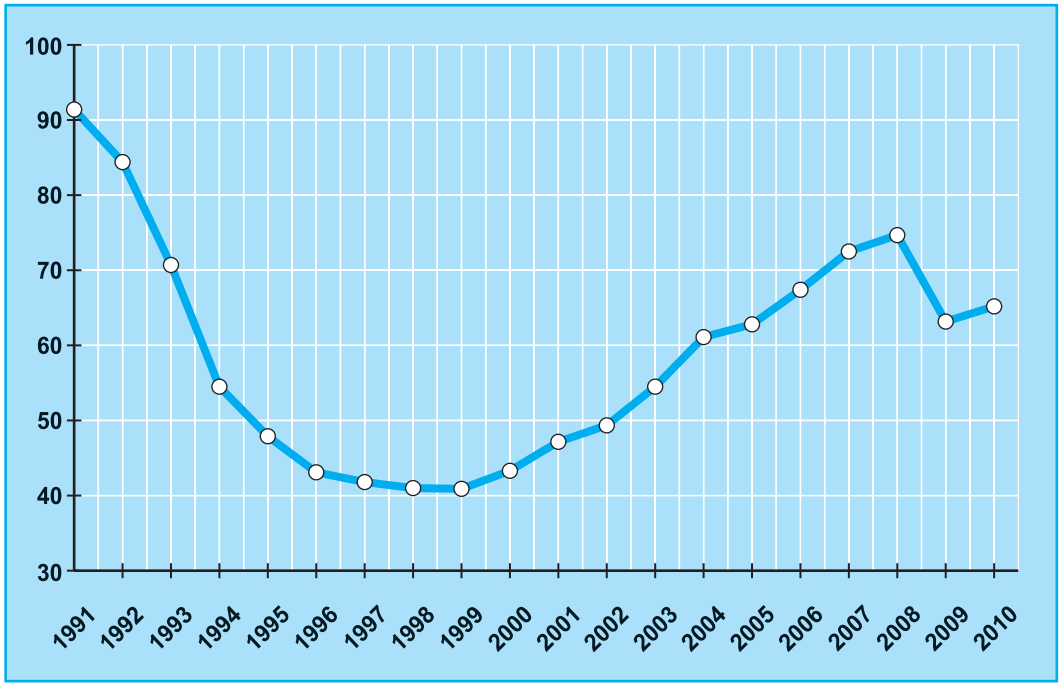
Table 2.2 continued

	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[1]	×	45814	–45814	×	×	–45814
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[1]	2319746	1353242	966504	544038	1324	421142
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[1]	128103	×	128103	×	128103	×
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[1]	2447849	1353242	1094607	544038	129427	421142

[1] See the third footnote to Table 2.1

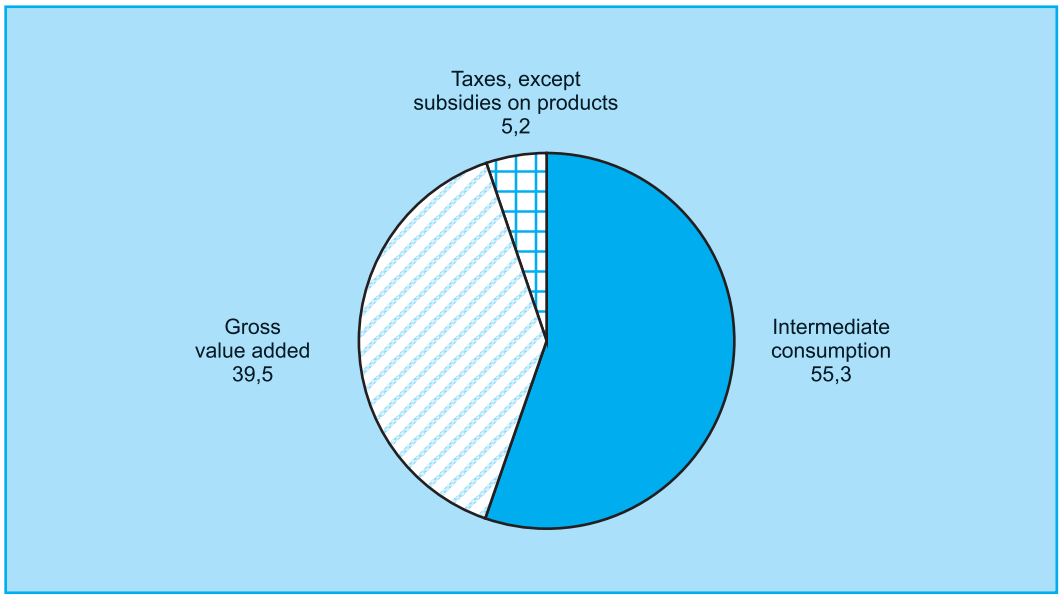
2.3. GDP, volume indices

(percentage of 1990)



2.4. Output structure at market prices in 2010

(percentage of output)



2.5. GDP, by category of final use

(at current prices)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010[1]
	bln. KRB	mln. UAH								
Gross domestic product	**5451642**	**170070**	**267344**	**345113**	**441452**	**544153**	**720731**	**948056**	**913345**	**1094607**
Final consumption expenditure	4165054	127982	201624	245556	337879	424906	558581	758902	772826	913313
households	2709374	92406	146301	180399	252624	319383	423174	582482	581733	685233
non-profit institutions serving households	296135	3909	4493	4547	4727	5173	6445	7257	7079	8003
general government	1159545	31667	50830	60610	80528	100350	128962	169163	184014	220077
individual consumption expenditure	713839	19572	29936	36767	49418	61125	79914	105879	120213	144984
collective consumption expenditure	445706	12095[2]	20894	23843	31110	39225	49048	63284	63801	75093
Gross fixed capital formation	1269154	33427	55075	77820	96965	133874	198348	250158	167644	208288
Changes in inventories	178734	–42	3661	–4883	2736	655	4685	14379	–12274	3131
Acquisition, less disposal of valuables	6785	146	115	133	175	211	285	346	445	382
Exports of goods and services	2566265	106200	154394	219607	227252	253707	323205	444859	423564	549365
Imports of goods and services	–2734350	–97643	–147525	–193120	–223555	–269200	–364373	–520588	–438860	–579872

Table 2.5 continued

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010[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	75,4	71,2	76,5	78,1	77,5	80,1	84,7	83,4
households	49,7	54,3	54,7	52,3	57,2	58,7	58,7	61,4	63,7	62,6
non-profit institutions serving households	5,4	2,3	1,7	1,3	1,1	1,0	0,9	0,8	0,8	0,7
general government	21,3	18,6	19,0	17,6	18,2	18,4	17,9	17,9	20,2	20,1
individual consumption expenditure	13,1	11,5	11,2	10,7	11,2	11,2	11,1	11,2	13,2	13,2
collective consumption expenditure	8,2	7,1[2]	7,8	6,9	7,0	7,2	6,8	6,7	7,0	6,9
Gross fixed capital formation	23,3	19,7	20,6	22,6	22,0	24,6	27,5	26,4	18,3	19,0
Changes in inventories	3,3	0,0	1,4	–1,4	0,6	0,1	0,7	1,5	–1,3	0,3
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	57,8	63,6	51,5	46,6	44,8	46,9	46,4	50,2
Imports of goods and services	–50,2	–57,4	–55,2	–56,0	–50,6	–49,4	–50,5	–54,9	–48,1	–53,0

[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	2003	2004	2005	2006	2007	2008	2009	2010[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	45,7	45,6	49,1	49,4	48,8	49,6	49,4	49,7
Taxes less subsidies on production and imports	19,1	16,8	11,3	10,2	12,7	13,5	12,2	12,3	12,6	11,8
on products	10,6	15,2	10,1	9,3	12,0	12,9	11,9	13,0	12,8	11,7
other, related to production	8,5	1,6	1,2	0,9	0,7	0,6	0,3	–0,7	–0,2	0,1
Gross operating surplus, mixed income	37,4	40,9	43,0	44,2	38,2	37,1	39,0	38,1	38,0	38,5

[1] See the third footnote to Table 2.1

2.7. Aggregate national accounts

GOODS AND SERVICES ACCOUNT

(at current prices)

	1995	2000	2003	2004	2005	2006	2007	2008	2009
	bln. KRB	mln. UAH							
Resources									
Output (at basic prices)	12531131	373893	603704	809988	995630	1182179	1565055	2072172	1955685
Imports of goods and services	2734350	97643	147525	193120	223555	269200	364373	520588	438860
Taxes on products	860809	27338	28205	33122	54183	71618	88212	126425	119988
Subsidies on products	–283460	–1530	–1078	–1055	–1332	–1588	–2275	–2545	–3124
Total	**15842830**	**497344**	**778356**	**1035175**	**1272036**	**1521409**	**2015365**	**2716640**	**2511409**
Uses									
Intermediate consumption	7656838	229631	363487	496942	607029	708056	930261	1247996	1159204
Final consumption expenditure	4165054	127982	201624	245556	337879	424906	558581	758902	772826
individual	3719348	115887	180730	221713	306769	385681	509533	695618	709025
collective	445706	12095[1]	20894	23843	31110	39225	49048	63284	63801
Gross fixed capital formation	1269154	33427	55075	77820	96965	133874	198348	250158	167644
Changes in inventories	178734	–42	3661	–4883	2736	655	4685	14379	–12274
Acquisition, less disposal of valuables	6785	146	115	133	175	211	285	346	445
Exports of goods and services	2566265	106200	154394	219607	227252	253707	323205	444859	423564
Total	**15842830**	**497344**	**778356**	**1035175**	**1272036**	**1521409**	**2015365**	**2716640**	**2511409**

[1] See the second footnote to Table 2.5

PRODUCTION ACCOUNT

(at current prices)

	1995	2000	2003	2004	2005	2006	2007	2008	2009
	bln. KRB	mln. UAH							
Resources									
Output (at basic prices)	12531131	373893	603704	809988	995630	1182179	1565055	2072172	1955685
Taxes, less subsidies on products	577349	25808	27127	32067	52851	70030	85937	123880	116864
Total	**13108480**	**399701**	**630831**	**842055**	**1048481**	**1252209**	**1650992**	**2196052**	**2072549**
Uses									
Intermediate consumption	7656838	229631	363487	496942	607029	708056	930261	1247996	1159204
Gross domestic product (at market prices)	5451642	170070	267344	345113	441452	544153	720731	948056	913345
Total	**13108480**	**399701**	**630831**	**842055**	**1048481**	**1252209**	**1650992**	**2196052**	**2072549**
Fixed capital consumption	–995543	–30223	–38885	–46576	–50545	–58265	–73071	–87914	–107204
Net domestic product	4456099	139847	228459	298537	390907	485888	647660	860142	806141

INCOME DISTRIBUTION AND USE ACCOUNTS

PRIMARY DISTRIBUTION OF INCOME ACCOUNTS

Generation of income account

(at current prices)

	1995	2000	2003	2004	2005	2006	2007	2008	2009
	bln. KRB	mln. UAH							
Resources									
Gross domestic product (at market prices)	5451642	170070	267344	345113	441452	544153	720731	948056	913345
Total	**5451642**	**170070**	**267344**	**345113**	**441452**	**544153**	**720731**	**948056**	**913345**
Uses									
Labour remuneration of employees	2371770	71930	122188	157450	216600	268631	351936	470464	451343
Taxes on production and imports	1332805	31707	34277	40018	62777	82377	101230	142599	134842
Subsidies on production and imports	–293064	–3184	–4030	–4855	–6700	–8891	–13389	–25817	–19516
Gross operating surplus, mixed income	2040131	69617	114909	152500	168775	202036	280954	360810	346676
Total	**5451642**	**170070**	**267344**	**345113**	**441452**	**544153**	**720731**	**948056**	**913345**
Net operating surplus, mixed income	1044588	39394	76024	105924	118230	143771	207883	272896	239472

Allocation of primary income account

(at current prices)

	1995	2000	2003	2004	2005	2006	2007	2008	2009
	bln. KRB	mln. UAH							
Resources									
Gross operating surplus, mixed income	2040131	69617	114909	152500	168775	202036	280954	360810	346676
Labour remuneration of employees	2373027	72099	122940	158578	218384	271313	363041	489447	477953
Taxes on production and imports	1332805	31707	34279	40020	62780	82379	101233	142602	134845
on products	860809	27338	28205	33122	54183	71618	88212	126425	119988
other, related to production	471996	4369	6074	6898	8597	10761	13021	16177	14857
Subsidies on production and imports	–293064	–3184	–4030	–4855	–6700	–8891	–13389	–25817	–19516
on products	–283460	–1530	–1078	–1055	–1332	–1588	–2275	–2545	–3124
other, related to production	–9604	–1654	–2952	–3800	–5368	–7303	–11114	–23272	–16392
Income from ownership received from other countries	804	598	581	910	2035	4000	7302	9318	9325
Total	**5453703**	**170837**	**268679**	**347153**	**445274**	**550837**	**739141**	**976360**	**949283**
Uses									
Income from ownership paid to other countries	89774	5895	4432	5467	8863	15378	21735	37004	54977
Gross national income	5363929	164942	264247	341686	436411	535459	717406	939356	894306
Total	**5453703**	**170837**	**268679**	**347153**	**445274**	**550837**	**739141**	**976360**	**949283**
Net national income	4368386	134719	225362	295110	385866	477194	644335	851442	787102

SECONDARY DISTRIBUTION OF INCOME ACCOUNT

(at current prices)

	1995	2000	2003	2004	2005	2006	2007	2008	2009
	bln. KRB	mln. UAH							
Resources									
Gross national income	5363929	164942	264247	341686	436411	535459	717406	939356	894306
Current taxes on income, property, etc., received from other countries	2045	45	…	…	281	444	633	1221	1539
Other current transfers received from other countries	78145	6099	12299	14481	15907	17801	20829	21240	34967
Total	**5444119**	**171086**	**276546**	**356167**	**452599**	**553704**	**738868**	**961817**	**930812**
Uses									
Social aid, except aid in kind paid to other countries	…	106	2	3	4	6	8	13	14
Other current transfers paid to other countries	12719	1102	590	800	1354	1812	3062	5429	6226
Gross disposable income	5431400	169878	275954	355364	451241	551886	735798	956375	924572
Total	**5444119**	**171086**	**276546**	**356167**	**452599**	**553704**	**738868**	**961817**	**930812**
Net disposable income	4435857	139655	237069	308788	400696	493621	662727	868461	817368

USE OF INCOME ACCOUNTS

Use of disposable income account

(at current prices)

	1995	2000	2003	2004	2005	2006	2007	2008	2009
	bln. KRB	mln. UAH							
Resources									
Gross disposable income	5431400	169878	275954	355364	451241	551886	735798	956375	924572
Adjustments on changes in net value of households assets in non-state pension funds	—	—	—	…	…	…	…	…	195
Total	**5431400**	**169878**	**275954**	**355364**	**451241**	**551886**	**735798**	**956375**	**924767**
Uses									
Final consumption expenditure	4165054	127982	201624	245556	337879	424906	558581	758902	772826
individual	3719348	115887	180730	221713	306769	385681	509533	695618	709025
collective	445706	12095[1]	20894	23843	31110	39225	49048	63284	63801
Adjustments on changes in net value of households assets in non-state pension funds	—	—	—	…	…	…	…	…	195
Gross savings	1266346	41896	74330	109808	113362	126980	177217	197473	151746
Total	**5431400**	**169878**	**275954**	**355364**	**451241**	**551886**	**735798**	**956375**	**924767**
Net savings	270803	11673	35445	63232	62817	68715	104146	109559	44542

[1] See the second footnote to Table 2.5

ACCUMULATION ACCOUNTS

CAPITAL ACCOUNT

(at current prices)

	1995	2000	2003	2004	2005	2006	2007	2008	2009
	bln. KRB	mln. UAH							
Changes in liabilities and net wealth									
Net savings	270803	11673	35445	63232	62817	68715	104146	109559	44542
Capital transfers received from other countries	724	…	59	101	71	101	136	115	1104
Capital transfers paid to other countries	…	…	–1	…	–112	–96	–121	–121	–46
Total (changes in net wealth on account of savings and capital transfers)	**271527**	**11673**	**35503**	**63333**	**62776**	**68720**	**104161**	**109553**	**45600**
Changes in assets									
Gross fixed capital formation	1269154	33427	55075	77820	96965	133874	198348	250158	167644
Fixed capital consumption	–995543	–30223	–38885	–46576	–50545	–58265	–73071	–87914	–107204
Changes in inventories	178734	–42	3661	–4883	2736	655	4685	14379	–12274
Acquisition, less disposal of valuables	6785	146	115	133	175	211	285	346	445
Acquisition, less disposal of non-produced non-financial assets	…	…	16	10	289	–10	…	–32	–3527
Net lending (+), net borrowing (–)	–187603	8365	15521	36829	13156	–7745	–26086	–67384	516
Total	**271527**	**11673**	**35503**	**63333**	**62776**	**68720**	**104161**	**109553**	**45600**

FINANCIAL ACCOUNT

(at current prices; mln. UAH)

	2003	2004	2005	2006	2007	2008	2009
Changes in liabilities and net wealth							
Net lending (+), net borrowing (–)	15521	36829	13156	–7745	–26086	–67384	516
Statistical discrepancy	5239	154	959	–555	5940	–4601	6425
Net incurrence of liabilities	**6510**	**43129**	**81584**	**94336**	**196471**	**189927**	**47740**
Cash and deposits	1497	1751	4562	81	8499	14919	–9724
Securities excluding equities	4934	11347	13755	17046	29018	–11556	–12612
Lending and loans	4141	18192	23421	45005	88380	95868	–12094
Equities and other evidence of ownership	–1498	8800	39950	27901	53560	57365	38397
Insurance technical reserves	…	…	…	…	…	…	–17
Other accounts payable	–2564	3039	–104	4303	17014	33331	43790
Changes in assets							
Net acquisition of financial assets	**16792**	**79804**	**93781**	**87146**	**164445**	**127144**	**41831**
Monetary gold and special drawing rights	–59	–80	51	96	111	120	–146
Cash and deposits	12123	36173	57265	36284	91198	71151	61898
Securities excluding equities	2679	1093	16351	21699	32158	7785	–21727
Lending and loans	53	972	1076	1116	3091	2378	2252
Equities and other evidence of ownership	156	–50	1493	–632	3896	5164	1592
Insurance technical reserves	…	…	…	…	…	…	…
Other accounts receivable	1840	41696	17545	28583	33991	40546	–2038

2.8. National accounts by institutional sector of the economy, 2009

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)	1428757	90129	194702	235018	7079	0	1955685
Total	**1428757**	**90129**	**194702**	**235018**	**7079**	**0**	**1955685**
			Uses				
Intermediate consumption	931630	24222	55388	94140	2975	50849	1159204
Gross value added	497127	65907	139314	140878	4104	–50849	796481
Total	**1428757**	**90129**	**194702**	**235018**	**7079**	**0**	**1955685**
Fixed capital consumption	–85539	–3955	–14857	–1807	–1046		–107204
Net value added	411588	61952	124457	139071	3058	–50849	689277

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	497127	65907	139314	140878	4104	–50849	796481
Total	**497127**	**65907**	**139314**	**140878**	**4104**	**–50849**	**796481**
			Uses				
Labour remuneration of employees	293746	23299	124340	7160	2798		451343
Other taxes related to production	11475	849	117	2153	260		14854
Other subsidies related to production	–16390	—	—	–2	—		–16392
Gross operating surplus, mixed income	208296	41759	14857	131567	1046	–50849	346676
Total	**497127**	**65907**	**139314**	**140878**	**4104**	**–50849**	**796481**
Net operating surplus, mixed income	122757	37804	0	129760	0	–50849	239472

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	208296	41759	14857	131567	1046	–50849	346676
Labour remuneration of employees				477953			477953
Taxes on production and imports			134845				134845
on products			119988				119988
other, related to production			14857				14857
Subsidies on production and imports			–19516				–19516
on products			–3124				–3124
other, related to production			–16392				–16392
Income from ownership	8354	143702	14596	34654	14		201320
Adjustment for financial intermediation		–50849				50849	0
Total	**216650**	**134612**	**144782**	**644174**	**1060**	**0**	**1141278**
			Uses				
Income from ownership	124665	75187	9279	37831	10		246972
Gross balance of primary income	91985	59425	135503	606343	1050	0	894306
Total	**216650**	**134612**	**144782**	**644174**	**1060**	**0**	**1141278**
Net balance of primary income	6446	55470	120646	604536	4	0	787102

SECONDARY DISTRIBUTION OF INCOME ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial intermediation	Total economy
			Resources				
Gross balance of primary income	91985	59425	135503	606343	1050	0	894306
Current taxes on income, property, etc.			76470				76470
Social insurance contributions	7566	382	119148		28		127124
Social aid, except aid in kind				204101			204101
Other current transfers	5277	12557	50289	32984	6513		107620
Total	**104828**	**72364**	**381410**	**843428**	**7591**	**0**	**1409621**
			Uses				
Current taxes on income, property, etc.	26362	3201	—	45368			74931
Social insurance contributions	2433		242	124449			127124
Social aid, except aid in kind	7566	279	196242		28		204115
Other current transfers	11568	11936	45486	9889	…		78879
Gross disposable income	56899	56948	139440	663722	7563	0	924572
Total	**104828**	**72364**	**381410**	**843428**	**7591**	**0**	**1409621**
Net disposable income	–28640	52993	124583	661915	6517	0	817368

REDISTRIBUTION OF INCOME IN KIND ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial intermediation	Total economy
			Resources				
Gross disposable income	56899	56948	139440	663722	7563	0	924572
Social transfers in kind				127292			127292
Total	**56899**	**56948**	**139440**	**791014**	**7563**	**0**	**1051864**
			Uses				
Social transfers in kind			120213		7079		127292
Gross adjusted disposable income	56899	56948	19227	791014	484	0	924572
Total	**56899**	**56948**	**139440**	**791014**	**7563**	**0**	**1051864**
Net adjusted disposable income	–28640	52993	4370	789207	–562	0	817368

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 intermediation	Total economy
Resources							
Gross disposable income	56899	56948	139440	663722	7563	0	924572
Adjustments on changes in net value of households assets in non-state pension funds	…	…	…	195	…		195
Total	**56899**	**56948**	**139440**	**663917**	**7563**	**0**	**924767**
Uses							
Final consumption expenditure			184014	581733	7079		772826
individual			120213	581733	7079		709025
collective			63801				63801
Adjustments on changes in net value of households assets in non-state pension funds	…	195	…	…	…		195
Gross savings	56899	56753	–44574	82184	484	0	151746
Total	**56899**	**56948**	**139440**	**663917**	**7563**	**0**	**924767**
Net savings	–28640	52798	–59431	80377	–562	0	44542

Use of adjusted disposable income account

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial intermediation	Total economy
Resources							
Gross adjusted disposable income	56899	56948	19227	791014	484	0	924572
Adjustments on changes in net value of households assets in non-state pension funds	…	…	…	195	…		195
Total	**56899**	**56948**	**19227**	**791209**	**484**	**0**	**924767**
Uses							
Actual final consumption			63801	709025			772826
individual				709025			709025
collective			63801				63801
Adjustments on changes in net value of households assets in non-state pension funds	…	195	…	…	…		195
Gross savings	56899	56753	–44574	82184	484	0	151746
Total	**56899**	**56948**	**19227**	**791209**	**484**	**0**	**924767**
Net savings	–28640	52798	–59431	80377	–562	0	44542

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	–28640	52798	–59431	80377	–562	0	44542
Capital transfers							
received	24164	—	5788	533	507		30992
paid	–504	–21638	–7675	–117	—		–29934
Total (changes in net wealth on account of savings and capital transfers)	**–4980**	**31160**	**–61318**	**80793**	**–55**	**0**	**45600**
Changes in assets							
Gross fixed capital formation	134082	4109	14298	14549	606		167644
Fixed capital consumption	–85539	–3955	–14857	–1807	–1046		–107204
Changes in inventories	–14544	5990	–1539	–2158	–23		–12274
Acquisitions less disposals of valuables	—	130	–10	325	—		445
Acquisitions less disposals of non-produced non-financial assets	–214	–41	–3272	…	…		–3527
Net lending (+), net borrowing (–)	–38765	24927	–55938	69884	408	0	516
Total	**–4980**	**31160**	**–61318**	**80793**	**–55**	**0**	**45600**

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 (–)	–38765	24927	–55938	69884	408	0	516
Statistical discrepancy	23030	2570	–19578	0	403		6425
Net incurrence of liabilities	**446457**	**41107**	**102176**	**9124**	**–2**		**598862**
Cash and deposits		–37761					–37761
Securities excluding equities	18066	–8214	44084				53936
Lending and loans	12034	–9424	36477	–39172	–3		–88
Equities and other evidence of ownership	101268	47487					148755
Insurance and technical reserves		900					900
Other accounts payable	315089	48119	21615	48296	1		433120
Changes in assets							
Net acquisition of financial assets	**384662**	**63464**	**65816**	**79008**	**3**		**592953**
Monetary gold and special drawing rights		–146					–146
Cash and deposits	–18142	–16677	–5477	74155	2		33861
Securities excluding equities	19634	25736	–21	–528	…		44821
Lending and loans		10548	3710				14258
Equities and other evidence of ownership	49598	14145	44000	4207	—		111950
Insurance and technical reserves	339	68		510	…		917
Other accounts receivable	333233	29790	23604	664	1		387292

2.9. Input-output

	Intermediate consumption									
	agriculture, hunting, forestry. Fishing	**mining**	**manufacturing**	**production and distribution of electricity, gas and water**	**construction**	**trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants**	**transport and communications**	**other activities**	**adjustment for financial intermediation**	**total consumed**
Agriculture, hunting, forestry. Fishing	48275	214	31299	17	56	2162	46	5212		**87281**
Mining	1893	6404	110716	31101	3460	867	10904	4991		**170336**
Manufacturing	34106	15836	276789	10665	42012	23618	34665	48004		**485695**
Production and distribution of electricity, gas and water	2225	7989	25595	6660	964	3151	7747	17532		**71863**
Construction	35	106	229	164	527	119	279	3961		**5420**
Trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	23551	7077	193518	365	1305	9323	2587	5402		**243128**
Transport and communications	8066	12868	46374	1038	3666	22114	19176	10173		**123475**
Other activities	2229	2501	24831	3935	4113	58319	10460	80552	50849	**237789**
Intermediate consumption	**120380**	**52995**	**709351**	**53945**	**56103**	**119673**	**85864**	**175827**	**50849**	**1424987**
Labour remuneration of employees	14324	26927	81504	21592	14458	50331	48622	193585		**451343**
Taxes on production and imports	3123	7117	83894	8788	3948	6249	9946	11777		**134842**
Subsidies on production and imports	–968	–6522	–3680	–3088	–67		–740	–4451		**–19516**
Gross operating surplus, mixed income	51937	18826	59827	11916	6663	84278	47288	116790	–50849	**346676**
Gross domestic product	**68416**	**46348**	**221545**	**39208**	**25002**	**140858**	**105116**	**317701**	**–50849**	**913345**
Output	**188796**	**99343**	**930896**	**93153**	**81105**	**260531**	**190980**	**493528**		**2338332**

[1] The table is aggregated

at consumer prices in 2009[1]

(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 disposales of valuables			
72210		1520	1003	–469		41432	–14181	**188796**
11106		1327		–1233		17140	–99333	**99343**
355352		1171	74738	–8982	437	272479	–249994	**930896**
16625		2572				2155	–62	**93153**
1511			74715	–1791		1862	–612	**81105**
16086		270				9854	–8807	**260531**
37649		5622				59064	–34830	**190980**
71194	7079	171532	17188	201	8	19578	–31041	**493528**
581733	**7079**	**184014**	**167644**	**–12274**	**445**	**423564**	**–438860**	**2338332**

2.10. Gross regional product

(at current prices; mln. UAH)

	1996	2000	2003	2004	2005	2006	2007	2008	2009
Ukraine[1]	**69287**	**137993**	**244497**	**345113**	**441452**	**544153**	**720731**	**948056**	**913345**
Autonomous Republic of Crimea	2161	4085	7309	9901	12848	16044	20874	27365	27396
oblasts									
Vinnytsya	2140	3802	6167	8123	10207	12414	15381	20094	20104
Volyn	1012	2195	3512	4994	6553	7687	10072	12784	12225
Dnipropetrovsk	6536	13163	21311	30040	41227	52347	71173	104687	93331
Donetsk	8499	17278	30316	45617	58044	72361	92093	117646	103739
Zhytomyr	1768	2835	4201	5947	7430	8784	11127	15008	14731
Zakarpattya	932	2151	4016	5297	6700	8185	10508	13208	12542
Zaporizhzhya	3767	7568	10177	15255	19968	24787	33158	42445	37446
Ivano-Frankivsk	1483	3117	5544	7311	9622	11316	13916	17883	17241
Kyiv	3015	5926	8129	11883	15362	19188	26221	35687	37548
Kirovohrad	1302	2159	4023	5594	6877	8187	9989	13961	13389
Luhansk	3464	6403	9954	14672	19716	24159	32280	42985	38451
Lviv	3016	5850	10547	13992	17192	21486	27987	35534	35955
Mykolayiv	1737	3314	5337	7934	9553	11876	14767	19410	20336
Odesa	3533	7072	12792	17029	20762	24898	33116	46994	48647
Poltava	2974	5712	8853	13983	18099	22179	28355	34118	33629
Rivne	1397	2513	4053	5599	7263	8924	11180	14074	13469
Sumy	1897	3495	4822	6275	8025	9566	12341	16210	16060
Ternopil	1091	1853	3098	3948	5137	6452	8276	10618	11173
Kharkiv	4331	8271	14515	20524	25618	32023	43868	59389	58923
Kherson	1321	2348	3799	5200	6469	7565	9034	13174	13436
Khmelnytskiy	1854	2949	4698	6344	7958	9603	12339	16061	15758
Cherkasy	2033	3179	4565	6623	9014	10957	13656	19101	18707
Chernivtsi	841	1313	2539	3277	4234	5126	6672	8833	8484
Chernihiv	1739	3073	4576	6181	7627	8950	11532	14918	14636
cities									
Kyiv	5103	15715	43920	61357	77124	95267	135900	169564	169537
Sevastopol	341	654	1724	2213	2823	3822	4916	6305	6452

[1] In 1996, 2000 the total Gross value added (GVA) is shown by region; in 2003, the total is shown for Ukraine, since 2004, gross regional product is shown

2.11. Per capita gross regional product

(at current prices; UAH)

	1996	2000	2003	2004	2005	2006	2007	2008	2009
Ukraine	**1356**	**2788**	**5114**	**7273**	**9372**	**11630**	**15496**	**20495**	**19832**
Autonomous Republic of Crimea	986	1937	3633	4951	6460	8101	10574	13898	13933
oblasts									
Vinnytsya	1145	2104	3534	4700	5966	7328	9159	12061	12145
Volyn	942	2077	3339	4771	6285	7397	9711	12340	11796
Dnipropetrovsk	1706	3562	6058	8609	11909	15239	20868	30918	27737
Donetsk	1646	3509	6385	9713	12490	15725	20197	26028	23137
Zhytomyr	1199	1987	3074	4397	5554	6636	8485	11545	11419
Zakarpattya	723	1677	3207	4238	5373	6576	8452	10626	10081
Zaporizhzhya	1821	3795	5353	8093	10683	13369	18022	23232	20614
Ivano-Frankivsk	1012	2142	3958	5238	6916	8157	10055	12940	12485
Kyiv	1597	3255	4513	6652	8673	10918	15033	20593	21769
Kirovohrad	1069	1860	3632	5122	6394	7723	9546	13515	13096
Luhansk	1253	2439	3997	5973	8131	10085	13628	18338	16562
Lviv	1095	2159	4049	5396	6657	8351	10915	13902	14093
Mykolayiv	1299	2563	4284	6424	7801	9769	12227	16175	17050
Odesa	1371	2828	5245	7028	8619	10379	13827	19638	20341
Poltava	1718	3423	5533	8841	11574	14330	18500	22476	22337
Rivne	1171	2118	3475	4817	6269	7724	9695	12217	11699
Sumy	1364	2631	3795	5009	6497	7848	10249	13622	13631
Ternopil	930	1605	2741	3516	4603	5819	7510	9688	10240
Kharkiv	1410	2799	5045	7182	9025	11353	15645	21294	21228
Kherson	1048	1925	3287	4546	5713	6744	8122	11944	12256
Khmelnytskiy	1233	2028	3337	4549	5764	7023	9100	11932	11780
Cherkasy	1357	2203	3309	4853	6681	8209	10331	14581	14393
Chernivtsi	893	1411	2771	3589	4654	5650	7369	9771	9383
Chernihiv	1296	2407	3764	5163	6474	7714	10081	13213	13121
cities									
Kyiv	1937	5965	16697	23130	28780	35210	49795	61592	61088
Sevastopol	843	1682	4557	5847	7452	10079	12961	16592	16966

2.12. Volume indices of gross regional product

(at the prices of the previous year; percent)

	1996	2000	2003	2004	2005	2006	2007	2008	2009	2010[1]
Ukraine	**90,4**	**104,1**	**110,7**	**112,1**	**102,7**	**107,3**	**107,9**	**102,3**	**85,2**	**104,2**
Autonomous Republic of Crimea	89,7	100,4	112,0	108,5	104,0	106,7	109,0	106,6	90,7	105,8
oblasts										
Vinnytsya	86,5	104,2	103,5	111,9	105,3	106,2	103,4	105,1	90,1	102,9
Volyn	94,7	110,5	102,6	119,0	103,7	103,5	112,1	106,1	86,0	98,9
Dnipropetrovsk	90,6	105,8	108,4	111,0	107,3	108,0	105,3	97,3	83,5	106,6
Donetsk	93,0	105,2	112,5	110,8	97,1	108,3	104,6	97,1	81,6	111,8
Zhytomyr	87,2	105,9	109,4	115,6	101,1	103,6	105,1	104,2	88,9	111,0
Zakarpattya	91,2	107,8	118,7	106,4	98,5	106,6	108,2	103,9	82,1	108,2
Zaporizhzhya	96,3	104,8	111,4	115,6	104,6	106,1	108,5	101,3	78,9	103,6
Ivano-Frankivsk	84,2	105,2	114,4	107,6	105,9	102,5	100,8	97,5	89,3	98,3
Kyiv	92,4	105,8	109,4	109,8	107,3	108,8	105,9	104,4	89,2	105,5
Kirovohrad	81,8	110,5	101,9	118,9	102,4	105,1	97,9	113,7	85,8	105,0
Luhansk	87,2	105,3	109,2	108,2	100,3	104,3	105,2	98,9	86,7	104,2
Lviv	93,0	103,7	112,1	105,2	98,1	108,3	105,8	100,7	88,3	101,7
Mykolayiv	86,1	101,5	104,2	118,1	100,1	107,1	99,5	106,9	92,5	102,1
Odesa	82,9	96,9	109,1	108,1	99,6	103,5	106,3	111,9	86,8	102,8
Poltava	88,7	93,3	105,0	116,7	99,2	108,2	105,8	94,9	86,8	110,4
Rivne	93,3	102,1	109,5	113,1	102,1	106,9	104,5	99,5	86,5	106,1
Sumy	91,0	104,5	102,8	105,9	104,4	103,4	103,4	103,6	88,7	97,9
Ternopil	89,2	104,9	109,2	106,4	102,5	110,3	108,3	105,1	94,5	97,9
Kharkiv	90,5	103,1	113,7	112,2	104,8	107,5	107,2	102,1	86,3	99,9
Kherson	87,9	103,9	107,9	111,2	99,2	104,0	100,4	109,8	93,0	101,6
Khmelnytskiy	89,8	102,5	108,7	112,7	103,9	104,2	104,0	99,9	90,6	99,8
Cherkasy	86,2	101,5	109,8	116,9	107,0	105,6	106,5	114,9	85,5	107,4
Chernivtsi	88,3	105,8	109,4	109,3	101,5	105,5	108,3	105,4	88,6	99,4
Chernihiv	91,7	106,0	107,9	110,0	100,1	103,4	106,5	102,3	89,6	98,8
cities										
Kyiv	97,1	107,7	116,1	116,8	105,8	110,7	119,7	104,4	81,7	101,3
Sevastopol	89,2	103,0	112,5	107,0	100,9	116,3	106,6	106,9	89,6	109,3

[1] See the third footnote for Table 2.1

2.13. Volume indices for per capita gross regional product

(at the prices of the previous year; percent)

	1996	2000	2003	2004	2005	2006	2007	2008	2009
Ukraine	**91,2**	**104,9**	**111,7**	**113,0**	**103,5**	**108,1**	**108,6**	**102,9**	**85,6**
Autonomous Republic of Crimea	90,6	101,2	112,8	109,2	104,6	107,2	109,3	106,9	90,9
oblasts									
Vinnytsya	87,1	105,1	104,5	113,0	106,4	107,3	104,4	105,9	90,7
Volyn	94,9	111,1	103,1	119,5	104,1	103,9	112,3	106,2	86,0
Dnipropetrovsk	91,5	106,8	109,3	111,9	108,2	108,8	106,1	98,0	84,0
Donetsk	94,3	106,5	113,8	112,0	98,2	109,4	105,5	98,0	82,2
Zhytomyr	87,8	106,8	110,5	116,8	102,2	104,7	106,1	105,1	89,5
Zakarpattya	91,2	108,1	119,0	106,6	98,7	106,8	108,3	103,9	82,1
Zaporizhzhya	97,2	105,8	112,4	116,6	105,5	106,9	109,3	102,0	79,4
Ivano-Frankivsk	84,1	105,4	114,9	108,0	106,2	102,8	101,0	97,6	89,4
Kyiv	93,2	106,9	110,3	110,7	108,3	109,6	106,7	105,0	89,6
Kirovohrad	82,7	111,9	103,4	120,7	104,0	106,7	99,1	115,2	86,7
Luhansk	88,5	106,6	110,8	109,6	101,6	105,6	106,4	99,9	87,6
Lviv	93,4	104,2	112,7	105,7	98,5	108,8	106,1	101,1	88,5
Mykolayiv	86,7	102,4	105,2	119,2	100,9	107,9	100,2	107,6	93,0
Odesa	83,6	97,6	109,9	108,9	100,2	103,9	106,5	112,0	86,9
Poltava	89,4	94,2	106,2	118,1	100,3	109,3	106,9	95,8	87,5
Rivne	93,4	102,4	109,9	113,5	102,4	107,2	104,7	99,6	86,5
Sumy	92,0	106,0	104,2	107,4	105,8	104,7	104,7	104,8	89,6
Ternopil	89,3	105,4	109,9	107,1	103,1	111,0	109,0	105,7	94,9
Kharkiv	91,5	104,1	114,6	112,9	105,5	108,2	107,9	102,7	86,7
Kherson	88,3	105,0	109,0	112,3	100,2	105,0	101,3	110,7	93,6
Khmelnytskiy	90,3	103,4	109,8	113,8	104,9	105,2	104,9	100,6	91,1
Cherkasy	86,9	102,5	110,9	118,2	108,2	106,8	107,5	115,9	86,2
Chernivtsi	88,4	106,1	109,8	109,7	101,8	105,8	108,6	105,6	88,6
Chernihiv	92,8	107,5	109,5	111,8	101,7	105,0	108,1	103,7	90,7
cities									
Kyiv	97,4	107,5	115,4	115,8	104,7	109,6	118,7	103,5	81,0
Sevastopol	90,2	103,5	112,6	107,0	100,8	116,1	106,5	106,7	89,5

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.

Available (cash) – banknotes and coins which are let out by National bank of Ukraine and have the fixed face-value. Cash in overseas currency are obligations of the central banks of foreign powers.

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

Money circulation is the perpetual flow of money in the process of labour remuneration, commodity sales, payments for services and other payments.

Loans are financial assets that are created when a creditor lends funds directly to a debtor and are evidenced by non-negotiable documents.

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.

A **balance** sheet is a report about the financial situation of an enterprise which shows its assets, liabilities and own capital as of particular date.

Financial outcome from usual activity before taxation (profits, losses) is a algebraic sum of profits (losses) that an enterprise received from operating activity, financial and other income (profit) financial and other expenditure (losses).

Usual activity means any main activity of an enterprise as well as transactions that support it or result from it.

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

Financial outcome from operating activity (profits, losses) is algebraic sum of gross profit (loss), other operating income, administrative expenditures, expenditure on sales and other operating expenditures.

Operating activity is the main activity of an enterprise as well as other types of activities which are neither investment nor financial.

3.1. Consolidated budget of Ukraine[1]

(mln. UAH)

	2002	2005	2006	2007	2008	2009	2010
Revenue	**61954,3**	**134183,2**	**171811,5**	**219936,5**	**297893,0**	**272967,0**	**314506,3**[2]
Tax revenue	45392,5	98065,2	125743,1	161264,2	227164,8	208073,2	234447,7
Non-tax revenues	14696,7	31778,0	40548,3	48553,2	60543,6	58435,8	73837,0
Revenue from capital transactions	1101,2	2803,9	3218,1	6373,4	6702,4	3653,1	3143,2
Official transfers from the governments of foreign countries and international organisations	291,9	182,5	153,7	104,5	135,2	645,3	305,6
Earmarked funds	472,0	1353,6	2148,3	3641,2	3347,0	2159,5	2772,7
Expenditure[3]	**60489,5**	**141698,8**	**175284,3**	**226054,4**	**309203,7**	**307399,4**	**377842,8**
Public administration	8589,0	15480,9	19891,9	24270,9	30829,2	33156,0	44902,5
National defence	3536,4	6041,0	6400,7	9416,5	11733,0	9663,3	11347,1
Law enforcement, security and judiciary	5040,4	10226,8	12718,8	18445,7	27080,9	24346,1	28825,6
Economic activity	7464,1	19115,1	27341,1	40523,4	51322,4	39753,0	43832,4
Environment protection	661,6	1252,5	1636,6	2241,3	2764,7	2538,8	2872,4
Housing and utilities	1392,6	3914,2	8024,1	5900,3	8968,5	7498,1	5431,3
Health care	7537,9	15476,5	19737,7	26717,6	33559,9	36564,9	44745,4
Intellectual and physical development	1417,9	3449,8	4328,4	5687,8	7916,1	8330,2	11525,4
Education	12268,3	26801,8	33785,0	44333,6	60959,4	66773,6	79826,0
Social protection and social security	12581,3	39940,2	41419,9	48517,3	74069,7	78775,4	104534,9
Lending less repayment	**–170,6**	**290,7**	**227,9**	**1583,9**	**2813,8**	**2825,8**	**1348,4**
Excess of expenditures over revenues (deficit)	**–1635,4**[4]	**7806,3**	**3700,8**	**7701,7**	**14124,5**	**37258,1**	**64684,9**
Memorandum items (percent of GDP):							
Revenue	27,4	30,4	31,6	30,5	31,4	29,9	28,7
Expenditure	26,8	32,1	32,2	31,4	32,6	33,7	34,5
Net lending	–0,1	0,1	0,04	0,2	0,3	0,3	0,1
Deficit	–0,7[4]	1,8	0,7	1,1	1,5	4,1	5,9

[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] 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 according to the Article 25 of Ukraine's Law *On the Central Budget of Ukraine for 2010*
[3] Excluding lending less repayment
[4] Surplus

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

(mln. UAH)

	2002	2003	2004	2005	2006	2007	2008	2009	2010
Excess of expenditure over revenue (deficit)	**–1119,3[1]**	**1043,1**	**10216,5**	**7945,7**	**3776,6**	**9842,9**	**12502,0**	**35517,2**	**64265,5[2]**
Deficit financing sources									
Domestic financing	232,8	280,9	9615,9	6997,5	–1030,0	6871,0	8672,5	–9282,7	17007,2
External financing	–1352,1	762,2	600,6	948,2	4806,6	2971,9	3829,5	44799,9	47258,3

[1] See the fourth footnote to Table 3.1

[2] 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 (according to the Article 25 of the Law of Ukraine *On Central Budget of Ukraine for 2010*) as well as to issue domestic government bonds to increase the statutory fund of the state mortgage institution amounted 2 bln. UAH (according to the Article 75 of the Law of Ukraine *On State Budget of Ukraine for 2010*)

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**
Tax revenue					
2002	45392,5	28934,8	63,7	16457,7	36,3
2005	98065,2	74476,4	75,9	23588,8	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
including personal income tax					
2002	10823,9	—	—	10823,9	100,0
2005	17325,2	838,7	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

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	26172,1	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
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	—	—
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	10567,7	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
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
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

Table 3.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Expenditure[2]					
2002	60489,5	35409,5	58,9	24738,8	41,1
2005	141698,8	89614,8	63,2	52084,0	36,8
2006	175284,3	102957,7	58,7	72326,5	41,3
2007	226054,4	129599,3	57,3	96455,0	42,7
2008	309203,7	182376,5	59,0	126827,2	41,0
2009	307399,4	180257,1	58,6	127142,3	41,4
2010	377842,8	225822,5	59,8	152020,3	40,2
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	7364,3	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
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	—	—
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
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	10774,6	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
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

Table 3.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
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
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	29029,9	79,4
2010	44745,4	8759,0	19,6	35986,3	80,4
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	5687,8	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
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
Social protection and social security					
2002	12581,3	7222,5	57,4	5358,8	42,6
2005	39940,2	31604,2	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
Lending less repayment					
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**

[1] See the second footnote to Table 3.1
[2] See the third footnote to Table 3.1

3.4. Money supply in Ukraine[1]

(end of year; mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Money circulating beyond banks (M0)	12799	19465	26434	33119	42345	60231	74984	111119	154759	157029	182990
Monetary aggregate (M1)	20762	29796	40281	51541	67090	98573	123276	181665	225127	233748	289894
Monetary aggregate (M2)	31544	45186	64321	94855	125483	193145	259413	391273	512527	484772	596841
Monetary aggregate (M3)	32252	45755	64870	95043	125801	194071	261063	396156	515727	487298	597872

[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	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Banks	**19698**	**28572**	**42228**	**67892**	**88615**	**143423**	**245230**	**426867**	**734022**	**723295**	**732823**
In currency											
national	10676	16036	24656	39620	51243	81279	123787	213802	300220	355521	395504
foreign	9021	12536	17571	28272	37371	62144	121443	213065	433801	367774	337319

[1] Including interest accrued; loans for general public administration sector

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

(mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1 British pound sterling	8,2499	7,7394	7,9984	8,7128	9,7391	9,3376	9,2945	10,1069	9,6688	12,1948	12,2689
1 US dollar	5,4402	5,3721	5,3266	5,3327	5,3192	5,1247	5,0500	5,0500	5,2672	7,7912	7,9356
10 Japanese yen	0,5052	0,4427	0,4259	0,4603	0,4921	0,4669	0,4340	0,4292	0,5140	0,8345	0,9052
1 euro	5,0289	4,8136	5,0301	6,0244	6,6094	6,3899	6,3369	6,9179	7,7080	10,8679	10,5329
1 SDR	7,1759	6,8420	6,8982	7,4682	7,8782	7,5802	7,4283	7,7294	8,3084	12,0188	12,1084
10 Russian rubles	1,94	1,84	1,70	1,74	1,85	1,81	1,86	1,98	2,11	2,47	2,61

3.7. Official exchange rates set by the National Bank of Ukraine, end of year

(mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1 British pound sterling	8,1026	7,6739	8,5384	9,4688	10,1827	8,6759	9,9045	10,0973	11,1430	12,6647	12,2915
1 US dollar	5,4345	5,2985	5,3324	5,3315	5,3054	5,0500	5,0500	5,0500	7,7000	7,9850	7,9617
10 Japanese yen	0,4730	0,4049	0,4446	0,4982	0,5118	0,4283	0,4238	0,4466	0,8521	0,8650	0,9768
1 euro	5,0568	4,6696	5,5329	6,6622	7,2175	5,9716	6,6509	7,4195	10,8555	11,4489	10,5731
1 SDR	7,0807	6,6529	7,2064	7,9225	8,2393	7,2178	7,5972	7,9803	11,8601	12,5180	12,2613
10 Russian rubles	1,93	1,76	1,68	1,81	1,91	1,75	1,92	2,06	2,62	2,64	2,61

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

(in national and foreign currency; end of year; mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	**6780**	**11338**	**19302**	**32396**	**41611**	**74778**	**108860**	**167239**	**217860**	**214098**	**275093**
In national currency	3481	6566	11601	18875	22116	43688	59889	102379	110016	101081	142924
In foreign currency	3299	4772	7701	13521	19495	31090	48970	64860	107844	113016	132169

[1] For the period of 2000–2004 data includes natural persons without private entrepreneurs

3.9. Selected indicators of Ukraine's banks

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total number of registered banks (end of period)	**195**	**189**	**182**	**179**	**182**	**186**	**193**	**198**	**198**	**197**	**194**
Banks licensed for banking transactions (end of period) that provide reports	153	152	157	158	160	165	170	175	184	182	176
Banks licensed for foreign currency transactions (end of period)	149	149	153	156	158	162	167	175	182	181	176
Other finance and credit institutions licensed for foreign currency transactions	1	1	1	1	1	1	1	1	1	1	1
Banks with foreign capital	31	28	20	19	19	23	35	47	53	51	55
including with 100% foreign capital	7	6	7	7	7	9	13	17	17	18	20
Number of banks excluded from the State Register (for period)	9	9	12	8	4	1	6	1	7	6	6
due to reorganisation	—	3	2	1	1	—	2	1	1	—	2
due to liquidation	9	6	10	7	3	1	4	—	6	6	4
Number of banks reporting to the National Bank of Ukraine (end of period)	153	152	157	157	160	163	169	173	182	180	175

FINANCE OF THE ENTERPRISES

3.10. Enterprise balance sheets in 2010,

	Assets			
	fixed assets	working assets	expenditures of future periods	fixed assets and groups disposal
Total				
beginning of the year	**1714306,5**	**1749042,8**	**29264,8**	**1177,9**
end of the year	**1832922,8**	**2229892,3**	**32667,4**	**1499,9**
Agriculture, hunting, forestry				
beginning of the year	64836,1	79740,9	841,3	58,9
end of the year	72035,5	102321,9	767,5	58,0
Industry				
beginning of the year	546464,0	523704,1	8951,3	189,7
end of the year	589332,3	637584,0	9891,4	191,0
Construction				
beginning of the year	61346,2	80827,3	2081,8	156,8
end of the year	65943,1	94487,1	2606,3	211,8
Trade; repair of motor vehicles, household appliances and personal demand items				
beginning of the year	162182,2	588106,2	8590,9	120,2
end of the year	190215,5	734658,2	9429,0	166,4
Hotels and restaurants				
beginning of the year	14123,9	5537,2	172,1	2,7
end of the year	15892,0	7143,4	197,1	0,6
Transport and communications				
beginning of the year	225143,3	70721,1	1595,8	14,9
end of the year	235346,6	86065,8	1685,3	21,8
Financial activity				
beginning of the year	58895,7	129723,5	1054,4	155,7
end of the year	63253,3	256860,6	1552,1	182,5
Real estate transactions, renting, engineering and provision of services to businessmen				
beginning of the year	548635,6	259760,5	5352,8	447,8
end of the year	557323,6	298218,8	5826,6	632,5
Education				
beginning of the year	1457,6	519,6	7,4	0,0
end of the year	1566,1	548,8	8,7	0,0
Health care and provision of social aid				
beginning of the year	7030,8	1945,7	92,0	3,1
end of the year	8170,0	2357,8	87,4	5,9
Provision of communal and individual services; cultural and sporting activity				
beginning of the year	23336,3	7961,3	511,4	28,0
end of the year	33141,0	9108,4	603,8	29,2

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

by type of economic activity[1]

(mln. UAH)

Liabilities					Balance
own capital	provisions for future expenditures and payments	long-term liabilities	current liabilities	revenue of future periods	
1252279,0	**73687,0**	**592910,8**	**1556970,3**	**17944,9**	**3493792,0**
1426711,6	**83816,1**	**675619,4**	**1891268,2**	**19567,1**	**4096982,4**
71883,2	970,3	22859,8	48589,3	1174,6	145477,2
91501,8	1047,4	25580,4	55486,3	1567,0	175182,9
403977,5	19904,3	172961,9	473033,9	9431,5	1079309,1
427969,8	22767,8	186660,7	590339,1	9261,3	1236998,7
27775,2	9361,6	34831,0	71595,8	848,5	144412,1
26922,1	9418,3	39063,1	87135,9	708,9	163248,3
73669,5	4207,2	105371,3	575163,8	587,7	758999,5
91710,6	4023,4	131884,9	705874,3	975,9	934469,1
9032,6	467,4	5020,7	5222,5	92,7	19835,9
9519,3	416,2	5866,3	7222,2	209,1	23233,1
166696,3	7269,2	52202,9	67968,2	3338,5	297475,1
175238,0	8295,1	51378,7	84324,3	3883,4	323119,5
80469,9	10040,9	32062,0	67047,8	208,7	189829,3
187645,3	11147,6	37812,6	84683,0	560,0	321848,5
398281,0	19035,7	160317,5	235036,0	1526,5	814196,7
388760,7	22441,8	188166,9	261244,2	1387,9	862001,5
1456,5	6,1	89,3	424,2	8,5	1984,6
1551,6	11,3	89,9	460,3	10,5	2123,6
4406,6	514,3	1754,4	2196,2	200,1	9071,6
4968,0	473,7	2361,9	2632,0	185,5	10621,1
14019,5	1899,6	5318,1	10074,2	525,6	31837,0
20373,4	3762,1	6633,5	11297,9	815,5	42882,4

3.11. Structure of enterprise balance sheets, by type of economic activity[1]

(end of year; percent)

	Assets			Liabilities				
	fixed assets	working assets	expenditures of future periods	own capital	provisions for future expenditures and payments	long-term liabilities	current liabilities	revenue of future periods
Total[2]								
2000	58,5	41,2	0,3	52,7	1,3	4,0	41,7	0,3
2005	52,1	47,4	0,5	45,5	2,1	9,3	42,4	0,7
2006	50,6	48,9	0,5	43,5	2,2	11,6	42,1	0,6
2007	50,3	49,2	0,5	42,1	2,2	14,1	41,0	0,6
2008	47,8	51,3	0,9	34,9	2,1	17,8	44,7	0,5
2009	47,6	51,5	0,9	34,5	2,0	16,6	46,4	0,5
2010	44,7	54,4	0,8	34,8	2,0	16,5	46,2	0,5
Agriculture, hunting, forestry								
2000	74,5	25,4	0,1	71,7	1,0	4,0	23,2	0,1
2005	52,2	47,4	0,4	55,5	0,9	10,6	32,5	0,5
2006	51,9	47,6	0,5	55,7	0,9	11,7	31,1	0,6
2007	48,5	51,1	0,4	55,4	0,8	13,4	29,7	0,7
2008	44,8	54,6	0,6	47,2	0,8	17,6	33,7	0,7
2009	44,0	55,4	0,6	48,3	0,7	16,5	33,7	0,8
2010	41,1	58,4	0,4	52,2	0,6	14,6	31,7	0,9
Industry								
2000	56,8	42,9	0,3	50,3	1,0	4,6	43,9	0,2
2005	53,7	45,8	0,5	49,5	1,8	8,2	39,4	1,1
2006	52,5	47,0	0,5	48,2	1,7	12,0	36,9	1,2
2007	52,4	47,1	0,5	47,0	1,8	13,8	36,4	1,0
2008	50,2	49,1	0,7	40,3	1,5	16,3	41,0	0,9
2009	49,8	49,3	0,9	37,4	1,6	16,0	44,1	0,9
2010	47,6	51,5	0,8	34,6	1,8	15,1	47,7	0,7
Construction								
2000	60,1	39,6	0,3	56,1	5,7	3,4	34,6	0,2
2005	42,7	56,1	1,2	27,1	8,8	9,1	54,3	0,7
2006	42,0	56,4	1,6	27,5	10,2	11,8	49,8	0,7
2007	41,5	57,4	1,1	23,5	7,9	18,1	49,7	0,8
2008	42,2	56,4	1,4	17,0	7,8	25,8	48,8	0,6
2009	41,3	57,2	1,4	19,2	6,2	25,1	48,9	0,6
2010	40,4	57,9	1,6	16,5	5,8	23,9	53,4	0,4

Table 3.11 continued

	Assets			Liabilities				
	fixed assets	working assets	expenditures of future periods	own capital	provisions for future expenditures and payments	long-term liabilities	current liabilities	revenue of future periods
Trade; repair of motor vehicles, household appliances and personal demand items								
2000	21,5	78,1	0,4	11,6	0,7	4,6	82,5	0,6
2005	21,8	77,7	0,5	14,4	0,6	9,6	75,2	0,2
2006	20,7	78,8	0,5	13,7	0,4	10,3	75,5	0,1
2007	22,7	76,7	0,6	15,2	0,5	12,3	71,8	0,2
2008	20,7	78,1	1,2	8,7	0,4	14,3	76,5	0,1
2009	20,2	78,6	1,2	8,9	0,5	13,4	77,0	0,2
2010	20,4	78,6	1,0	9,8	0,4	14,1	75,5	0,1
Hotels and restaurants								
2000	80,1	17,8	2,1	68,4	1,7	7,2	22,5	0,2
2005	75,4	23,5	1,1	56,5	1,3	16,2	25,6	0,4
2006	70,4	28,8	0,8	54,5	2,6	17,5	24,7	0,7
2007	69,4	30,0	0,6	49,7	1,2	21,4	27,2	0,5
2008	69,6	29,6	0,8	40,0	1,1	26,9	31,6	0,4
2009	68,2	30,8	1,0	39,1	1,1	27,4	32,0	0,4
2010	68,4	30,7	0,8	41,0	1,8	25,2	31,1	0,9
Transport and communications								
2000	62,6	37,2	0,2	58,3	0,6	3,2	37,3	0,6
2005	75,5	24,2	0,3	63,7	1,2	12,7	21,4	1,0
2006	78,0	21,7	0,3	61,9	1,4	15,5	20,3	0,9
2007	75,6	24,1	0,3	60,0	1,7	15,6	21,4	1,3
2008	75,2	24,4	0,4	54,2	1,8	18,8	24,2	1,0
2009	75,0	24,5	0,5	55,4	2,5	17,4	23,6	1,1
2010	72,8	26,6	0,5	54,2	2,6	15,9	26,1	1,2
Financial activity								
2000	48,1	51,4	0,5	33,8	11,8	14,8	38,9	0,7
2005	32,2	67,0	0,8	49,2	6,8	8,2	35,7	0,1
2006	29,3	70,1	0,6	48,3	8,0	7,4	36,2	0,1
2007	31,7	67,9	0,4	46,9	7,8	14,7	30,5	0,1
2008	33,7	65,7	0,6	42,0	6,3	20,7	30,8	0,2
2009	30,3	68,9	0,7	41,3	5,2	16,4	37,0	0,1
2010	19,7	79,8	0,5	58,3	3,5	11,7	26,3	0,2

Table 3.11 continued

	Assets			Liabilities				
	fixed assets	working assets	expenditures of future periods	own capital	provisions for future expenditures and payments	long-term liabilities	current liabilities	revenue of future periods
Real estate transactions, renting, engineering and provision of services to businessmen								
2000	86,6	13,3	0,1	83,7	1,8	1,6	12,7	0,2
2005	77,2	22,6	0,2	64,3	2,4	9,4	23,6	0,3
2006	74,0	25,6	0,4	60,2	2,6	11,6	25,3	0,3
2007	74,6	24,9	0,5	58,7	2,7	15,0	23,4	0,2
2008	67,1	32,1	0,8	47,6	2,5	20,7	29,0	0,2
2009	65,0	34,2	0,7	46,0	2,4	18,2	33,2	0,2
2010	64,7	34,6	0,7	45,1	2,6	21,8	30,3	0,2
Education								
2000	75,6	24,1	0,3	77,0	1,8	2,3	17,7	1,2
2005	70,1	29,3	0,6	68,5	3,3	5,9	20,4	1,9
2006	71,6	27,3	1,1	67,6	0,6	6,4	24,3	1,1
2007	73,7	25,8	0,5	76,2	0,4	4,8	17,7	0,9
2008	75,2	24,3	0,5	72,6	0,4	5,4	21,1	0,5
2009	73,9	25,5	0,6	73,4	0,3	4,8	21,0	0,5
2010	73,7	25,8	0,4	73,1	0,5	4,2	21,7	0,5
Health care and provision of social aid								
2000	73,9	25,9	0,2	65,0	4,2	1,1	28,7	1,0
2005	71,7	28,0	0,3	58,9	2,2	9,5	23,9	5,5
2006	72,5	27,1	0,4	59,5	2,2	8,8	25,2	4,3
2007	76,1	23,2	0,7	59,1	2,7	10,9	23,7	3,6
2008	76,6	22,7	0,7	53,4	3,9	18,2	20,8	3,7
2009	79,0	20,0	1,0	50,0	5,8	19,3	22,5	2,4
2010	76,9	22,2	0,8	46,8	4,5	22,2	24,8	1,7
Provision of communal and individual services; cultural and sporting activity								
2000	68,7	30,8	0,5	67,4	1,6	2,3	28,3	0,4
2005	50,8	48,2	1,0	43,2	1,9	6,9	46,9	1,1
2006	75,4	22,7	1,9	65,1	3,1	9,2	21,3	1,3
2007	77,2	21,2	1,6	66,5	1,8	10,7	20,0	1,0
2008	74,0	23,7	2,3	46,2	7,4	20,7	24,1	1,6
2009	72,9	25,4	1,6	42,4	5,5	17,6	32,8	1,7
2010	77,3	21,2	1,4	47,5	8,8	15,5	26,3	1,9

[1] Excluding banks and budgetary institutions
[2] Data for 2010, without taking into account changes of the major type of economic activity of enterprises

3.12. Financial outcome from usual activity before taxation, by type of economic activity (including banks)[1]

((mln. UAH)

	Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises	
		percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome
Total[2]					
2000	13933,0	62,3	36123,4	37,7	22190,4
2005	64370,8	65,8	89165,1	34,2	24794,3
2006	76253,4	66,5	110648,6	33,5	34395,2
2007	135897,9	67,5	182994,4	32,5	47096,5
2008	8954,2	62,8	193669,1	37,2	184714,9
2009	−42414,7	60,1	144059,2	39,9	186473,9
2010	54443,5	59,0	210985,4	41,0	156541,9
Agriculture, hunting, forestry					
2000	1752,4	65,5	3285,3	34,5	1532,9
2005	3702,4	66,2	5409,7	33,8	1707,3
2006	2731,8	68,7	4687,9	31,3	1956,1
2007	7624,2	73,7	9617,9	26,3	1993,7
2008	6041,8	71,7	12007,3	28,3	5965,5
2009	7996,6	69,9	14261,3	30,1	6264,7
2010	17988,5	70,2	22986,3	29,8	4997,8
Industry					
2000	8834,6	57,8	18644,9	42,2	9810,3
2005	28264,3	63,5	37152,6	36,5	8888,3
2006	34699,6	65,3	45903,0	34,7	11203,4
2007	43700,9	66,6	56956,9	33,4	13256,0
2008	20243,2	61,1	70812,5	38,9	50569,3
2009	–4788,1	59,7	43697,3	40,3	48485,4
2010	25191,5	58,7	66115,2	41,3	40923,7
Construction					
2000	40,3	60,0	883,4	40,0	843,1
2005	872,2	66,2	2642,8	33,8	1770,6
2006	1603,1	68,1	3578,4	31,9	1975,3
2007	1629,0	67,9	5417,8	32,1	3788,8
2008	–6807,9	62,8	6159,3	37,2	12967,2
2009	–3430,7	57,0	5443,5	43,0	8874,2
2010	–3226,4	56,0	4084,9	44,0	7311,3

Table 3.12 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
Trade; repair of motor vehicles, household appliances and personal demand items					
2000	1195,1	63,7	5518,3	36,3	4323,2
2005	9464,2	69,9	15488,8	30,1	6024,6
2006	10334,8	69,4	19048,0	30,6	8713,2
2007	16816,9	70,7	29072,2	29,3	12255,3
2008	–28146,0	65,9	25713,2	34,1	53859,2
2009	–7165,3	63,7	23954,8	36,3	31120,1
2010	15607,6	62,3	44206,7	37,7	28599,1
Hotels and restaurants					
2000	–20,0	55,9	92,7	44,1	112,7
2005	83,1	62,8	307,4	37,2	224,3
2006	–63,2	64,2	321,2	35,8	384,4
2007	–1,5	66,0	514,8	34,0	516,3
2008	–1446,7	61,9	504,0	38,1	1950,7
2009	–710,4	59,8	482,2	40,2	1192,6
2010	–454,8	57,1	631,7	42,9	1086,5
Transport and communications					
2000	706,7	52,6	4530,3	47,4	3823,6
2005	9629,7	61,7	11408,0	38,3	1778,3
2006	8499,7	62,8	11274,6	37,2	2774,9
2007	11342,8	64,5	14727,3	35,5	3384,5
2008	4518,9	59,5	16644,8	40,5	12125,9
2009	10573,8	56,9	18416,5	43,1	7842,7
2010	9132,2	55,9	16824,2	44,1	7692,0
Financial activity					
2000	1211,7	61,2	1384,1	38,8	172,4
2005	9334,3	66,3	10084,5	33,7	750,2
2006	11664,7	66,9	13376,8	33,1	1712,1
2007	22592,6	67,0	24596,6	33,0	2004,0
2008	25042,5	61,8	34834,0	38,2	9791,5
2009	–33600,7	60,9	17384,8	39,1	50985,5
2010	15177,2	59,7	37784,0	40,3	22606,8

Table 3.12 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
Real estate transactions, renting, engineering and provision of services to businessmen					
2000	92,5	67,7	1315,9	32,3	1223,4
2005	2636,0	61,2	5549,8	38,8	2913,8
2006	6051,2	62,0	10913,9	38,0	4862,7
2007	31731,2	62,2	40087,2	37,8	8356,0
2008	–8796,6	58,2	25063,2	41,8	33859,8
2009	–7933,2	55,5	19402,4	44,5	27335,6
2010	–22164,2	54,6	16895,3	45,4	39059,5
Education					
2000	58,9	72,5	72,6	27,5	13,7
2005	137,3	70,7	165,6	29,3	28,3
2006	86,4	73,8	107,9	26,2	21,5
2007	75,9	74,6	114,3	25,4	38,4
2008	86,0	70,4	131,8	29,6	45,8
2009	77,9	67,2	134,3	32,8	56,4
2010	98,4	64,6	152,8	35,4	54,4
Health care and provision of social aid					
2000	7,4	65,6	59,9	34,4	52,5
2005	66,1	68,3	159,6	31,7	93,5
2006	22,8	68,4	186,9	31,6	164,1
2007	–6,8	69,7	188,1	30,3	194,9
2008	–113,5	65,5	283,4	34,5	396,9
2009	–50,2	63,2	347,1	36,8	397,3
2010	–26,7	61,2	393,4	38,8	420,1
Provision of communal and individual services; cultural and sporting activity					
2000	46,0	62,1	236,8	37,9	190,8
2005	81,3	64,2	578,6	35,8	497,3
2006	546,0	65,0	1125,1	35,0	579,1
2007	411,5	65,2	1636,2	34,8	1224,7
2008	–1768,2	59,9	1359,3	40,1	3127,5
2009	–3335,9	56,8	505,7	43,2	3841,6
2010	–2796,2	54,6	888,5	45,4	3684,7

[1] Excluding budgetary institutions
[2] Data for 2009, updated taking into account the changes of the major type of economic activity of enterprises. Data for 2010, resulted without taking into account changes of the major type of economic activity of enterprises

3.13. Profitability of operational activity, by type of economic activity[1]

(percent)

	Rate profitability (upprofitability)						
	2000	2005	2006	2007	2008	2009	2010
Total[2]	**2,7**	**7,0**	**6,6**	**6,8**	**3,9**	**3,3**	**4,1**
Agriculture, hunting, forestry	–1,6	12,7	10,0	19,0	12,9	14,7	22,9
Industry	4,8	5,5	5,8	5,8	4,9	1,8	3,5
Construction	1,3	2,2	3,1	2,6	−2,7	–0,9	–1,0
Trade; repair of motor vehicles, household appliances and personal demand items	1,0	14,8	12,7	13,1	−0,2	4,5	9,5
Hotels and restaurants	1,0	4,2	1,1	1,3	−6,3	–3,3	–0,4
Transport and communications	2,4	11,7	9,9	9,8	6,9	8,5	7,1
Financial activity	8,2	17,5	7,5	6,8	5,2	1,5	4,6
Education	1,4	0,3	2,9	3,7	4,0	5,1	–4,2
Health care and provision of social aid	13,7	9,3	10,5	8,3	6,2	6,0	6,3
Real estate transactions, renting, engineering and provision of services to businessmen	2,6	2,8	2,4	2,0	0,3	3,1	3,7
Provision of communal and individual services; cultural and sporting activity	0,5	0,8	1,2	2,6	−6,7	–13,7	–14,5

[1] See the first footnote to Table 3.11
[2] See the second footnote to Table 3.12

4. PRICES AND TARIFFS

Consumer price index (inflation index) is an indicator of changes at the time of prices and tariffs for comodities 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.

Price index for products sold by agricultural enterprises is determined by all the channels of its sales (by processing enterprises, at the market, to the population on account of rental payment for the land, and property shares (allotments) at the commodity exchanges, and through other channels). The weighing base is the data about the current volumes of the produce sold during the reporting year.

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.

Price index for fixed capital investment is estimated using the indices for prices for construction and assembly operations, machinery and equipment, other capital work, and the expenses that include the parts of this components in the total amount of investments.

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.

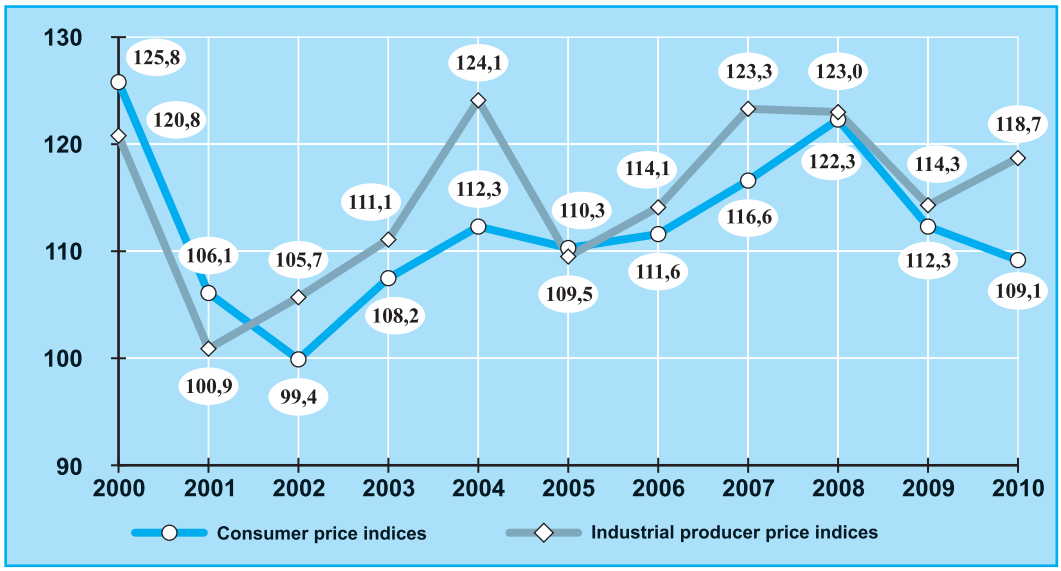
4.1. Price indices

(percent of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Consumer price index	447,0	128,2	112,0	100,8	105,2	109,0	113,5	109,1	112,8	125,2	115,9	109,4
Industrial producer price index	588,9	120,8	108,7	103,0	107,6	120,5	116,7	109,6	119,5	135,5	106,5	120,9
Price index for products sold by agricultural enterprises	432,8	155,8	105,0	87,4	120,6	105,7	108,1	102,4	138,0	110,3	106,4	130,0
Price index for fixed capital investment	570,0	117,7	114,1	103,5	105,9	115,0	120,7	113,0	116,0	127,0	111,3	113,4
Price index for construction and assembly operations	670,0	118,0	116,0	105,8	103,9	120,2	125,6	123,5	123,1	135,3	111,3	115,8

4.2. Consumer price indices and industrial producer price indices in 2000–2010

(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
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
Base consumer price index	…	…	…	…	…	…	…	…	121,3	114,9	107,9
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
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

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

(percent)

	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
	Dec. over Dec. of the previous year						of the previous year					
Foodstuffs and non-alcoholic beverages	110,2	103,2	123,7	124,5	110,9	110,6	116,2	105,3	109,7	135,7	111,9	110,9
Foodstuffs	110,8	102,8	124,7	124,5	110,0	110,7	117,5	105,4	109,6	136,7	110,9	110,7
Bread and cereal products	102,2	113,7	119,5	127,8	108,3	116,5	98,9	107,9	114,2	133,3	112,6	112,3
bread	100,4	116,7	118,0	125,1	109,9	111,3	97,4	107,8	114,8	130,3	113,9	110,2
pasta	99,3	106,2	119,5	125,1	107,6	111,0	97,0	102,1	111,7	130,2	112,2	107,1
Meat and meat products	118,4	98,0	113,9	134,0	106,2	104,1	130,3	103,3	102,5	139,4	111,8	102,0
Fish and fish products	119,4	102,3	109,3	126,6	114,1	104,2	129,8	106,5	104,3	119,6	125,0	105,1
Milk, cheese and eggs	110,1	105,1	142,1	115,4	109,4	116,0	123,4	103,5	123,0	131,2	108,9	121,9
Oil and fats	102,0	91,3	143,9	123,2	114,2	108,1	124,0	92,1	110,3	155,8	107,9	109,6
Fruits	126,1	139,9	160,3	137,8	101,3	109,3	120,6	138,0	138,8	167,5	112,8	105,1
Vegetables	104,7	91,5	135,4	99,6	94,5	120,9	91,7	104,8	108,9	133,1	81,7	114,5
Sugar	121,7	98,3	101,2	108,4	183,9	120,3	127,5	117,7	78,8	115,6	140,5	157,5
Non-alcoholic beverages	107,7	106,6	111,0	121,7	124,7	105,7	107,5	106,3	107,9	117,9	129,6	109,1
Alcoholic beverages, tobacco (products)	107,7	105,5	109,5	122,7	138,4	122,1	106,5	106,2	107,8	114,9	136,0	125,6
Clothes and footwear	102,2	102,5	101,9	104,6	107,6	102,2	101,9	102,3	102,0	102,8	108,0	103,7
clothes	101,6	102,1	101,8	104,8	107,6	102,3	101,6	101,9	101,8	102,8	108,2	103,6
footwear	102,6	102,7	102,0	104,0	107,9	102,5	102,1	102,6	102,0	102,8	107,5	104,1
Housing, water, electricity, gas and other types of fuels	114,6	166,5	112,3	128,2	108,2	113,8	109,0	134,1	142,5	114,2	125,5	109,4
payment for own dwelling (rent)	139,8	149,2	123,1	135,7	124,9	104,4	121,9	135,8	152,1	121,0	132,9	112,6
water supply	127,6	150,0	117,8	140,6	127,9	106,4	114,9	131,2	143,8	129,5	135,6	112,9
sewerage	134,3	162,0	118,3	145,1	140,3	107,1	118,6	141,1	148,0	132,6	146,3	116,9
electricity	100,0	156,1	100,0	100,0	100,0	100,0	100,0	127,0	122,9	100,0	100,0	100,0
natural gas	101,2	180,6	100,0	154,1	100,0	150,1	100,5	163,6	111,5	107,7	142,7	120,9
hot water, heating	115,9	214,6	115,1	130,7	106,7	106,2	110,4	138,2	180,8	112,9	136,3	105,6
Household goods, household appliances and current maintenance of housing	102,1	102,5	102,9	116,2	114,3	101,2	104,7	102,0	102,3	107,6	122,1	103,2
Health care	109,2	107,3	113,2	121,9	126,3	105,8	109,7	106,3	110,2	119,0	131,5	107,9
Transport	119,7	110,4	114,1	122,5	119,2	106,6	120,0	114,3	109,5	124,5	120,7	109,6
fuels and lubricants	124,5	102,9	136,2	91,7	146,0	113,9	135,4	117,8	108,4	133,4	112,0	118,3
transport services	122,1	112,1	110,3	146,6	110,3	105,0	119,1	114,8	110,0	130,3	125,6	108,1
rail passenger transport	100,8	142,1	115,9	125,3	116,7	100,0	100,8	123,7	128,4	118,1	122,3	105,3
road passenger transport	125,5	108,0	109,5	153,0	108,9	105,8	121,8	113,5	107,1	133,4	127,2	108,4
Communications	101,7	121,0	97,2	105,0	104,3	91,1	100,7	108,5	110,4	100,4	107,1	93,6
Leisure and culture	102,7	103,7	104,7	117,1	111,8	102,5	103,9	103,1	104,4	108,4	119,7	104,0
Education	118,0	115,8	115,8	129,2	115,1	110,3	113,1	117,0	115,5	122,1	122,3	113,1
Restaurants and hotels	118,6	114,8	116,5	127,9	110,0	107,4	117,5	116,4	112,7	128,4	116,3	107,4
Various goods and services	106,3	106,8	111,4	130,4	119,1	108,7	106,2	106,0	108,1	122,8	127,7	109,2

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	**109,1**	**110,6**	**122,1**	**102,2**	**113,8**	**101,2**
Autonomous Republic of Crimea	109,6	111,4	127,9	100,5	111,1	101,4
oblasts						
Vinnytsya	107,0	107,6	116,0	100,1	116,1	99,4
Volyn	108,1	107,9	119,5	102,1	116,1	100,8
Dnipropetrovsk	109,3	110,0	125,2	103,9	110,1	103,1
Donetsk	110,3	113,3	122,3	100,5	108,3	100,8
Zhytomyr	108,9	109,5	120,0	104,0	115,0	102,4
Zakarpattya	108,5	109,5	115,3	105,3	115,8	99,7
Zaporizhzhya	109,7	109,7	125,7	101,9	116,9	99,5
Ivano-Frankivsk	108,3	110,6	118,1	100,9	114,2	100,7
Kyiv	107,9	108,5	121,0	101,0	118,8	100,4
Kirovohrad	108,5	109,9	120,0	99,9	111,6	100,2
Luhansk	110,5	111,6	126,4	104,3	110,7	101,7
Lviv	109,7	110,7	122,4	102,4	114,7	101,9
Mykolayiv	110,0	111,4	124,5	101,3	114,2	102,1
Odesa	110,5	111,8	124,6	104,8	113,6	102,8
Poltava	108,4	108,6	122,0	105,2	113,2	100,0
Rivne	108,3	108,0	121,5	102,7	116,3	100,8
Sumy	108,9	108,8	123,8	100,7	117,9	100,2
Ternopil	108,5	109,6	119,8	101,2	116,3	100,9
Kharkiv	109,0	109,8	122,2	103,4	113,8	101,9
Kherson	110,6	112,2	127,0	105,3	111,9	102,0
Khmelnytskiy	109,6	111,3	122,7	104,5	114,1	98,8
Cherkasy	109,0	110,9	123,0	100,8	116,1	100,1
Chernivtsi	108,2	110,0	115,8	101,0	115,9	98,7
Chernihiv	109,5	110,2	123,9	103,2	115,4	102,3
cities						
Kyiv	109,8	110,5	118,8	101,8	114,4	101,9
Sevastopol	112,8	113,1	121,4	100,5	133,6	100,5

in 2010, 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**
105,8	**106,6**	**91,1**	**102,5**	**110,3**	**107,4**	**108,7**
103,2	108,0	91,8	103,5	107,7	107,8	104,7
99,1	104,9	91,5	99,0	109,2	104,5	104,8
106,3	105,8	91,8	103,1	108,4	110,0	105,8
105,1	107,4	91,7	106,8	115,6	106,9	109,3
107,1	106,4	89,4	101,2	106,9	107,6	103,1
107,3	104,6	92,0	101,8	112,5	104,2	105,6
102,6	106,3	91,2	102,5	112,0	107,6	105,4
105,5	105,9	91,6	102,0	107,8	108,1	110,2
103,0	106,9	90,3	101,3	109,9	106,6	104,1
102,6	105,5	91,8	101,9	103,1	105,7	114,0
103,7	109,7	90,8	101,6	107,8	105,3	111,9
108,9	107,5	91,1	103,1	114,3	111,2	104,2
106,4	105,5	91,9	103,3	114,9	107,5	107,9
107,9	108,0	91,6	104,5	107,9	110,0	106,9
105,2	108,3	90,4	102,4	114,8	110,2	104,6
105,2	106,8	91,4	103,6	105,1	107,5	106,5
108,6	107,2	90,3	102,6	107,1	110,3	109,7
105,4	106,8	91,0	105,0	111,2	109,2	104,3
106,1	103,4	90,8	101,3	107,7	104,4	112,5
105,0	105,1	90,8	103,0	108,5	107,2	114,9
102,7	107,4	92,5	103,3	106,8	108,6	103,5
103,1	108,6	89,6	101,4	111,0	108,7	103,5
105,1	107,1	90,8	99,9	106,2	107,1	106,6
103,3	113,0	90,0	100,7	110,4	102,8	107,2
110,0	106,1	88,0	102,0	109,7	111,7	107,9
109,1	106,4	93,0	103,2	113,4	105,3	122,6
107,0	113,0	88,2	100,1	111,9	110,0	108,7

4.6. Consumer price indices, by region

(percent)

	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
	Dec. over Dec. of the previous year						of the previous year					
Ukraine	**110,3**	**111,6**	**116,6**	**122,3**	**112,3**	**109,1**	**113,5**	**109,1**	**112,8**	**125,2**	**115,9**	**109,4**
Autonomous Republic of Crimea	111,5	111,5	115,6	123,3	114,8	109,6	113,2	109,6	112,3	126,0	117,0	110,7
oblasts												
Vinnytsya	110,7	111,5	117,8	119,1	111,2	107,0	112,7	109,5	113,3	124,6	113,2	108,0
Volyn	109,1	109,6	115,1	121,3	110,0	108,1	112,5	109,2	110,2	124,4	113,3	108,0
Dnipro-petrovsk	108,0	119,8	114,4	124,4	113,0	109,3	112,0	110,4	117,6	125,4	117,0	109,8
Donetsk	111,9	112,1	113,9	124,0	113,1	110,3	115,2	110,3	111,4	124,9	117,0	109,9
Zhytomyr	110,8	110,3	113,9	120,8	111,9	108,9	115,4	108,2	110,2	124,8	114,4	109,3
Zakarpattya	111,6	108,7	111,3	115,4	111,8	108,5	112,3	108,7	108,6	118,1	112,3	109,0
Zaporizhzhya	111,9	110,3	115,2	123,6	113,0	109,7	115,3	108,7	110,9	126,2	116,2	110,3
Ivano-Frankivsk	110,3	106,0	114,0	121,8	110,3	108,3	111,6	107,0	108,6	123,1	115,3	108,3
Kyiv	112,6	111,7	114,3	125,6	109,5	107,9	114,3	110,8	110,7	125,3	115,9	108,3
Kirovohrad	110,0	109,1	113,4	121,4	109,7	108,5	115,0	107,3	110,1	123,5	112,9	108,2
Luhansk	112,0	116,1	115,4	123,3	112,8	110,5	114,3	110,8	116,0	125,4	116,5	109,9
Lviv	108,4	107,0	116,8	125,1	113,4	109,7	111,6	107,4	110,4	127,0	117,6	110,5
Mykolayiv	111,5	109,1	118,1	121,8	112,8	110,0	113,4	108,3	111,4	127,1	115,9	110,0
Odesa	108,8	110,0	119,2	123,7	114,4	110,5	111,4	108,9	112,0	128,8	116,9	111,2
Poltava	113,7	111,2	118,3	123,5	112,8	108,4	116,1	110,4	113,0	127,8	115,7	109,2
Rivne	110,3	109,6	116,0	122,1	112,0	108,3	114,4	106,8	111,7	125,3	115,5	108,5
Sumy	112,2	113,3	115,0	121,0	110,8	108,9	115,9	109,2	114,6	122,7	114,1	109,1
Ternopil	108,4	110,0	120,1	118,6	111,2	108,5	110,8	107,5	112,8	125,1	115,4	108,1
Kharkiv	108,9	112,7	119,1	123,8	112,9	109,0	113,2	107,2	113,2	128,2	118,6	109,5
Kherson	109,2	109,2	118,3	121,9	112,6	110,6	113,6	108,6	110,2	128,2	114,8	109,8
Khmelnytskiy	108,5	110,8	117,9	122,7	113,0	109,6	113,3	106,4	113,7	127,4	115,9	110,2
Cherkasy	111,4	110,2	117,9	122,3	111,5	109,0	114,8	108,4	112,8	124,8	116,0	108,9
Chernivtsi	111,3	109,2	117,3	119,0	110,1	108,2	112,4	109,7	111,2	123,7	112,8	108,1
Chernihiv	109,9	111,6	115,0	123,1	112,7	109,5	114,1	108,9	111,6	124,1	117,6	108,9
cities												
Kyiv	110,5	109,2	121,0	121,6	113,4	109,8	112,9	109,1	115,3	123,8	116,4	110,0
Sevastopol	110,0	111,7	118,2	119,5	113,9	112,8	112,3	110,9	111,4	125,2	115,1	112,5

4.7. Industrial producer price indices, by type of activity

(percent)

	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
	Dec. over Dec. of the previous year						of the previous year					
Industry	**109,5**	**114,1**	**123,3**	**123,0**	**114,3**	**118,7**	**116,7**	**109,6**	**119,5**	**135,5**	**106,5**	**120,9**
Mining	127,7	120,6	127,3	122,3	111,2	144,4	140,2	111,2	126,5	148,5	94,1	141,1
mining of fuel and energy minerals	126,3	117,1	128,4	107,7	110,6	139,1	130,9	116,1	118,0	137,9	92,3	137,0
mining operations apart from fuel and energy minerals	129,9	125,7	126,2	142,1	111,4	149,3	157,2	104,3	138,3	163,0	96,1	144,4
Manufacturing	106,9	111,5	123,4	118,4	117,4	117,1	114,9	107,7	116,4	134,9	106,7	118,8
including production of foodstuffs, beverages and tobacco products	107,9	107,4	124,8	116,5	120,3	118,9	109,3	105,8	114,0	127,5	115,9	118,0
light industry	102,8	106,0	106,7	116,7	113,5	111,2	106,0	103,8	106,5	111,1	116,3	111,2
textile industry, sewing of clothes, fur and fur articles production	101,8	106,3	107,2	120,2	112,4	110,8	106,0	103,7	106,8	113,0	117,8	110,2
of leather, leather articles and other materials	105,8	105,8	105,8	109,6	115,8	112,8	107,1	104,5	105,7	106,5	113,0	113,6
wood working and production of wood products apart from furniture	108,7	112,1	108,1	114,1	109,6	104,1	114,8	108,8	110,5	115,0	109,2	105,3
cellulose and paper industry; printing	103,9	107,2	105,5	117,0	111,5	110,8	108,0	108,2	102,6	114,5	112,9	111,0
production of coke and refined products	103,3	109,4	150,4	84,4	142,9	125,1	124,9	107,1	113,7	154,2	87,8	142,1
chemical and petrochemical industry	109,7	110,2	117,3	125,2	121,8	113,7	112,5	111,2	113,7	135,7	113,5	111,9
production of chemicals	110,9	109,7	121,4	125,7	127,6	115,7	111,8	112,7	115,0	143,6	113,2	113,5
production of rubber and plastic products	107,4	112,0	107,0	124,3	107,3	108,3	115,3	106,7	110,3	115,1	115,2	108,0
production of other non-metallic mineral products	117,2	127,6	129,7	125,1	104,2	106,6	116,9	122,0	131,4	129,7	107,8	103,7
metallurgy and production of finished metal products	106,9	118,1	122,2	119,2	117,2	122,7	118,3	108,6	124,5	147,7	93,1	125,8
engineering	105,6	106,0	111,9	122,0	107,7	112,2	110,1	104,3	109,9	120,0	111,3	110,7
manufacture of machinery and equipment	111,6	107,3	109,2	121,1	109,1	106,1	114,4	106,3	110,0	115,5	114,7	106,9
manufacture of electrical, electronic and optical equipment	111,4	107,0	108,9	112,6	114,7	106,9	110,8	108,6	108,3	111,2	114,5	109,7
manufacture of transport vehicles and equipment	97,7	104,0	115,4	126,4	104,2	117,6	106,4	99,8	110,7	127,5	107,5	113,3
Production and distribution of electricity, gas and water	113,1	123,4	120,9	142,2	103,9	112,5	110,0	120,0	130,5	131,3	111,5	118,7

4.8. Producer price indices, by selected consumer goods

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

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

4.9. Price indices for products sold by agricultural enterprises

(percent of the previous year)

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

4.10. Price indices for construction and assembly operations

(percent)

	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
	Dec. over Dec. of the previous year						of the previous year					
Total	**126,0**	**123,4**	**125,4**	**130,1**	**108,6**	**118,9**	**125,6**	**123,5**	**123,1**	**135,3**	**111,3**	**115,8**
By type of building and structure												
Buildings	123,9	124,1	126,4	129,2	108,2	116,5	124,5	123,3	124,2	134,6	111,2	114,2
residential	122,1	124,1	126,4	129,3	107,8	116,6	122,5	122,4	124,8	133,6	111,5	113,5
non-residential	125,7	123,2	126,9	128,9	108,6	116,5	126,8	123,0	123,6	135,8	110,7	115,0
Structures	127,9	122,6	122,8	132,1	109,1	122,7	126,5	123,8	121,2	135,9	111,7	118,3
transport structures	130,2	121,7	127,9	130,9	107,5	125,3	131,2	121,6	121,6	139,9	110,5	119,3
pipelines, communication and power lines	129,8	129,5	124,4	133,5	115,3	117,5	118,9	130,7	125,4	137,5	115,4	119,6
complex industrial structures	127,1	118,2	122,0	133,9	106,8	126,5	131,0	120,3	119,1	136,0	111,7	117,9
other engineering structures	124,3	106,5	124,2	126,2	105,7	115,4	144,0	116,6	110,1	135,6	105,8	113,0
By type of economic activity												
Agriculture, hunting, forestry	134,0	111,8	126,1	130,0	112,4	117,3	142,4	119,4	117,6	140,0	109,5	118,7
Mining	128,8	114,8	121,5	138,3	105,8	127,1	135,9	116,6	120,1	139,0	110,2	118,7
Manufacturing	126,4	121,4	125,0	129,6	107,4	117,0	126,0	122,0	121,5	135,0	111,6	114,5
Production and distribution of electricity, gas and water	126,1	127,5	126,1	130,7	112,6	116,8	120,3	127,4	124,9	136,5	112,8	117,4
Hotels and restaurants	120,7	123,9	127,1	127,6	107,4	116,0	123,0	122,7	124,2	133,3	111,0	113,3
Transport and communications	131,8	127,6	124,9	133,4	113,4	121,2	123,9	128,7	124,4	138,2	114,2	120,3
Real estate transactions, renting, engineering and provision of services to businessmen	122,1	124,1	126,4	129,3	107,8	116,6	122,5	122,4	124,8	133,6	111,5	113,5
Public administration	121,2	126,0	126,3	128,7	107,9	117,3	120,2	122,8	125,3	133,5	110,8	114,3
Education	125,2	128,7	125,6	132,1	111,2	116,3	120,3	127,0	125,3	137,2	112,7	117,2
Health care and provision of social aid	121,4	127,0	127,9	128,5	106,7	115,6	121,8	124,6	125,7	133,8	110,9	112,2
Provision of communal and individual services; cultural and sporting activity	123,5	109,7	124,1	126,5	105,8	115,4	143,0	119,5	110,7	136,0	106,0	112,9

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

(percent)

	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
	Dec. over Dec. of the previous year						of the previous year					
Total	**99,6**	**97,7**	**100,0**	**101,9**	**103,0**	**110,8**	**99,4**	**98,9**	**98,9**	**101,4**	**103,1**	**107,2**
by type of services												
mail	111,0	100,0	100,0	131,7	123,9	108,6	104,1	106,7	100,0	125,6	130,0	108,6
local telephone	100,0	110,7	100,0	104,6	118,2	100,0	100,0	104,1	106,4	101,2	116,0	105,4
inter-city and international telephone	96,6	87,5	100,0	100,0	100,0	97,7	97,4	92,9	93,3	100,0	100,0	99,4
mobile	100,0	100,0	100,0	100,0	100,0	114,4	100,0	100,0	100,0	100,0	100,0	108,4

4.12. Tariff indices for shipment of cargo by rail

(percent)

	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
	IV Q over IV Q of the previous year						of the previous year					
All cargo	**139,7**	**100,3**	**119,4**	**153,5**	**101,4**	**102,1**	**139,3**	**107,4**	**109,3**	**149,0**	**113,5**	**102,2**
Coal	132,0	100,0	120,6	150,9	105,3	100,0	128,2	103,0	109,8	143,1	120,3	101,3
Iron ore	119,2	100,0	120,7	142,7	99,9	106,3	127,2	104,2	109,9	148,9	105,2	104,7
Mineral and construction	164,1	100,0	120,7	164,6	102,7	100,0	159,2	113,5	109,9	156,2	115,6	102,8
Ferrous metals	150,0	100,0	120,6	149,9	100,4	106,3	150,9	109,1	109,9	148,5	111,1	104,8
Oil and refined products	140,4	100,0	116,9	162,2	100,2	100,0	136,9	107,8	108,1	151,6	115,9	100,0
Chemical and mineral fertilisers	138,3	100,0	100,0	150,5	96,8	100,0	136,0	107,4	100,0	135,9	108,1	99,2
Coke	119,2	100,0	120,7	143,7	107,8	104,7	130,0	100,9	109,9	149,9	111,4	105,5
Chemical[1]	150,0	100,0	120,7	157,6	100,7	100,0	148,9	109,1	109,8	149,4	116,5	100,2
Grain and milled products	138,8	105,7	120,7	159,3	96,0	100,0	137,7	112,0	109,8	151,1	112,4	99,0
Lumber[2]	150,0	100,0	120,7	157,6	103,8	100,0	148,9	109,1	109,9	149,4	119,2	100,9
Cement	150,0	100,0	120,7	164,6	100,8	100,0	147,1	109,1	109,8	156,2	116,5	100,2

[1] Paintwork material, glues, oxides, carbohydrates, etc.
[2] Round, mine timbers, sawnwood, etc.

4.13. Tariff indices for transportation by pipelines

(percent)

	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
	IV Q over IV Q of the previous year						of the previous year					
All cargo	**100,1**	**141,4**	**105,8**	**120,6**	**107,3**	**166,6**	**100,9**	**134,6**	**113,2**	**107,5**	**108,3**	**169,9**
Oil	100,2	96,1	97,2	124,3	116,8	124,8	99,6	97,4	99,0	114,2	118,8	123,2
Gas	100,0	146,4	106,4	120,0	106,1	171,0	101,0	138,6	114,4	106,9	107,2	174,4

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).

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;

obtaine 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 main indicators for the stratification of the statistical information when designing statistical surveys is the code of the type of the economic activities. This *Classification* is based on the standard international *Classification for the types of the activities of the European Union*, NACE Rev. 1.1.

According to the Regulation about the Business Register, all state statistics agencies following statistical surveys' data and statistical methodologies determine the main type of economic activity of the registered enterprises.

Data given in this section show the changes in the structure of the Business register units by regions, types of the economic activities, the organisation and the legal forms of business.

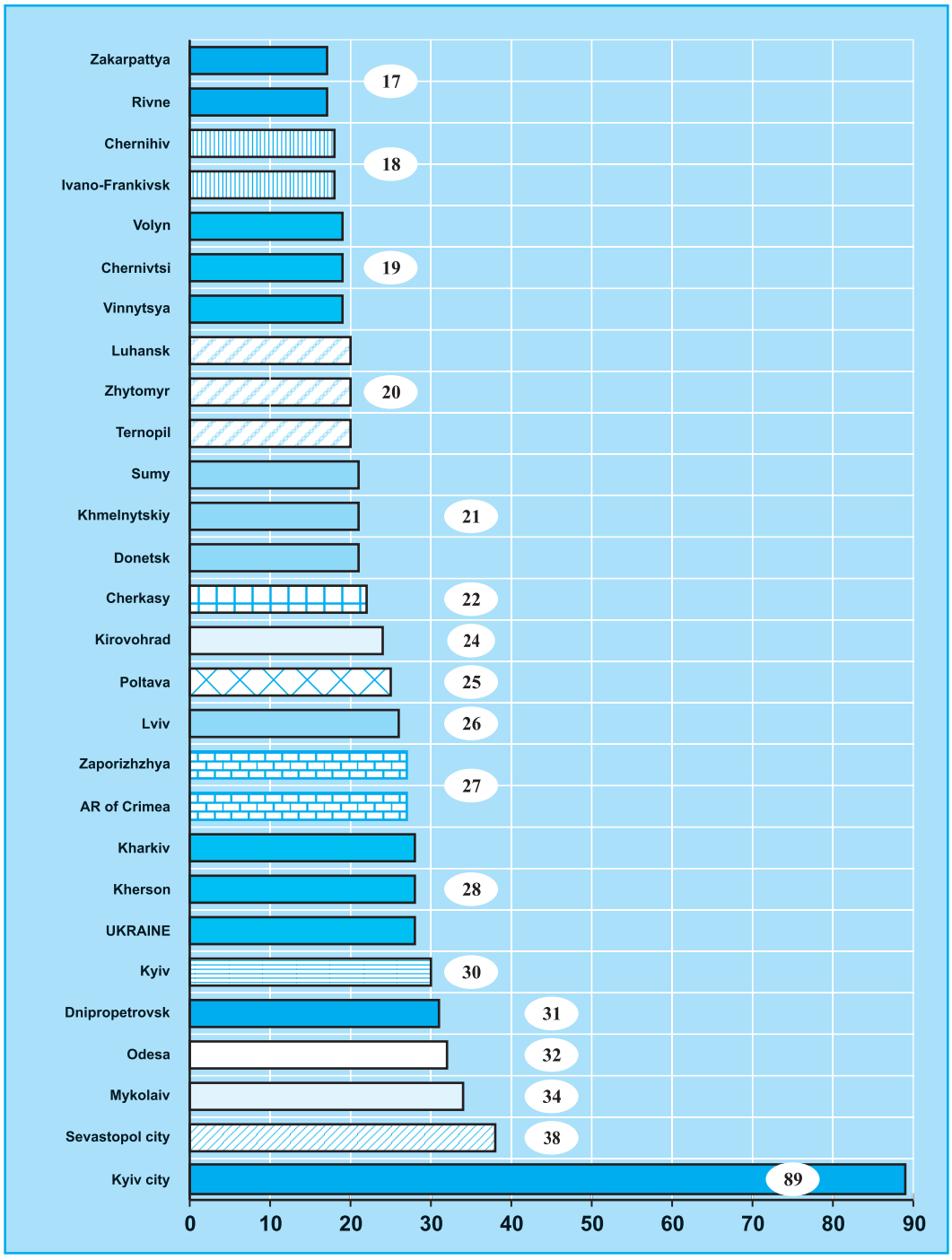
5.1. Number units in the Unified State Register of Enterprises and Organisations of Ukraine (Business register), by region

(beginning of year)

	1997	2001	2004	2005	2006	2007	2008	2009	2010	2011
Ukraine	**615686**	**834886**	**981054**	**1023396**	**1070705**	**1133200**	**1187020**	**1228888**	**1258513**	**1294641**
Autonomous Republic of Crimea	28409	34675	41735	43381	45181	47593	49829	51305	52414	53977
oblasts										
Vinnytsya	14997	19487	24343	25292	26565	28453	29455	30268	30956	31624
Volyn	9486	13294	15103	15584	16181	17266	17960	18565	19149	19809
Dnipropetrovsk	49896	67701	79959	83771	87722	92382	96588	99511	101613	103643
Donetsk	53549	68396	76373	78575	80922	83955	87553	90006	92265	94507
Zhytomyr	12182	16065	18651	19401	20306	21933	23079	24100	24735	25412
Zakarpattya	12304	15572	16823	17124	17871	18979	19851	20513	20761	21402
Zaporizhzhya	22274	31469	39059	40844	42311	44357	46207	47209	48035	49182
Ivano-Frankivsk	15163	19565	21372	21714	22469	23331	23775	24055	24281	24961
Kyiv	18285	27145	33702	35960	38301	41871	45333	47947	49478	51549
Kirovohrad	13968	17295	20165	21024	21695	22718	23269	23750	24065	24578
Luhansk	25462	31306	35973	37445	39023	40772	42255	43465	44245	45260
Lviv	33398	45085	51696	53454	55421	58163	60391	62190	64277	65758
Mykolayiv	20534	26196	31623	32747	34133	35769	37386	38551	39235	40021
Odesa	37585	51484	58372	60796	64025	67857	71150	73787	75235	77235
Poltava	20197	26935	30924	31684	32612	34173	35178	35844	36289	36884
Rivne	10622	14036	15794	16354	16866	17576	18293	18946	19543	20106
Sumy	13964	18379	20683	21073	21679	22604	22855	23212	23412	23824
Ternopil	11804	16447	18289	18633	18996	20113	20527	20988	21261	21646
Kharkiv	47671	57239	63040	65391	68191	71050	72655	74114	74674	75893
Kherson	16493	22499	25811	26462	27019	28028	28624	29151	29616	30168
Khmelnytskiy	12830	17845	21542	22501	23306	24805	25726	26442	26848	27472
Cherkasy	14095	18699	22279	23144	24123	25814	26821	27669	28378	28860
Chernivtsi	8834	11338	12433	12919	13593	14687	15484	16026	16784	17273
Chernihiv	10573	13814	16458	17219	17736	18486	18693	19091	19365	19709
cities										
Kyiv	74479	123584	159517	171072	183866	198996	215449	228837	237720	249407
Sevastopol	6632	9336	9335	9832	10592	11469	12634	13346	13879	14481

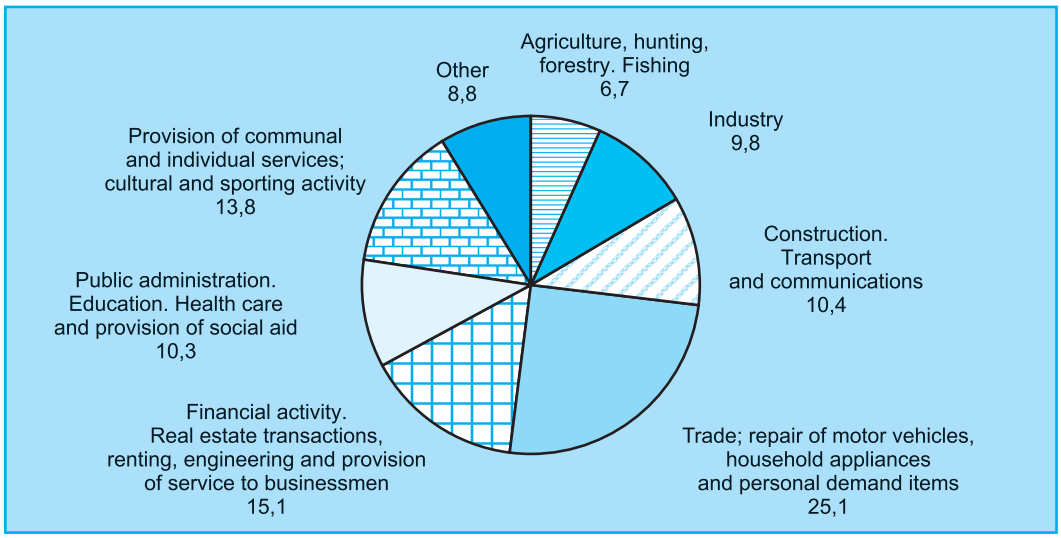
5.2. Business register units, by region

(as of January 1, 2011; per 1000 population)



5.3. Business register units, by type of economic activity

(as of January 1, 2011; percent)



5.4. Business register units, by the legal status and type of economic activity

(as of January 1, 2011)

	Total	Including	
		legal entities	branches
Total	**1294641**	**1238340**	**56301**
Agriculture, hunting, forestry	85253	83924	1329
Fishing	2132	2086	46
Industry	127503	121718	5785
mining	5075	4728	347
manufacturing	116707	112302	4405
production and distribution of electricity, gas and water	5721	4688	1033
Construction	91457	88737	2720
Trade; repair of motor vehicles, household appliances and personal demand items	324368	310494	13874
Hotels and restaurants	22877	21636	1241
Transport and communications	42642	38530	4112
Financial activity	18477	13271	5206
Real estate transactions, renting, engineering and provision of services to businessmen	177090	168368	8722
Public administration	52172	49207	2965
Education	46311	43965	2346
Health care and provision of social aid	34699	32728	1971
Provision of communal and individual services; cultural and sporting activity	178511	174682	3829

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

(beginning of year)

	1997	2001	2004	2005	2006	2007	2008	2009	2010	2011
Total	**615686**	**834886**	**981054**	**1023396**	**1070705**	**1133200**	**1187020**	**1228888**	**1258513**	**1294641**
including										
farm	26980	38561	46937	47800	48918	49801	50023	50126	49764	49514
private enterprise	111644	192168	229335	237980	248211	258536	270331	278574	283697	285821
collective enterprise[1]	37666	40028	34153	32817	31168	29330	27708	26564	25635	24833
public enterprise	14158	9965	8020	7752	7562	7359	7213	6975	6811	6661
state-run enterprise	—	49	49	50	50	50	43	44	44	43
communal enterprise	12373	13713	16066	16460	16688	16755	16636	16336	15994	15726
subsidiary	5315	19140	23598	23580	23127	22523	21648	20973	20408	19908
foreign enterprise	1171	2446	2285	2317	2315	2347	2323	2307	2272	2247
enterprise, public association (religious organisation, trade union)	—	2355	4051	4247	4369	4510	4590	4560	4568	4551
enterprise founded by consumer partnership	—	—	421	616	860	1061	1167	1234	1291	1349
leased enterprise[1]	3614	1741	1450	1377	1330	1276	1222	1193	1162	1148
joint venture[1]	9901	6798	5605	5431	5291	5148	5068	5013	4954	4925
joint-stock company	30922	34942	34662	34571	33976	33084	31993	31100	30169	28748
of which										
public	—	—	—	—	—	—	—	—	194	926
private	—	—	—	—	—	—	—	—	172	1326
open[1]	8883	12089	11906	11730	11345	10895	10406	10058	9480	7962
closed[1]	18981	22100	22089	22167	21948	21503	21098	20502	19649	17804
limited liability company	147738	221905	281105	302942	325925	351750	381205	404525	418145	443223
extended liability company	718	719	689	694	700	696	730	761	782	945
full liability company	1640	1997	1977	1988	1997	1985	1948	1939	2084	2120
mixed liability company	653	799	703	694	690	673	654	642	631	638
cooperative	20094	29892	29616	30229	30790	31429	33257	34324	35063	34772
of which										
production	—	3107	2506	2607	2556	2653	2602	2539	2461	2469
serve	—	11100	14719	15544	16645	17872	20270	21814	22620	21797
consumer	—	—	—	59	215	323	424	531	591	660
agriculture and production	—	—	825	1020	1324	1364	1404	1418	1401	1355
agriculture and serve	—	—	251	314	372	438	468	503	759	838

Table 5.5 continued

	1997	2001	2004	2005	2006	2007	2008	2009	2010	2011
organisation (establishment, institution)	28411	69382	80277	83116	85821	100083	101817	104024	108552	110074
of which										
state-run	—	—	—	21462	19313	17733	16801	16035	15786	15926
communal	—	—	—	51731	53009	64252	63910	61450	65308	66242
private	—	—	—	314	641	783	859	887	907	950
organisation (establishment, institution) public association (religious organisation, trade union, cooperation of consumers)	—	—	—	206	570	850	1036	1247	1393	1466
association	1902	2516	2497	2679	2751	2841	2953	3057	3125	3180
corporation	332	609	761	798	824	842	849	862	866	872
consortium	51	57	66	77	80	84	84	89	92	92
concern	353	380	388	397	406	403	400	396	390	387
other associations of the legal persons	1194	2123	2082	2061	1971	1880	1774	1717	1634	1598
branch (another separated subdivision)	13409	44108	48345	49902	51429	54238	55937	55322	52973	51636
representative office	2222	2971	3431	3596	3810	4031	4219	4317	4330	4411
commodity exchange	—	—	—	105	221	302	411	503	559	588
credit union	—	—	—	435	737	938	1026	1097	1127	1155
consumer partnership	2776	5103	5759	5729	5656	5535	5403	5328	5252	5214
union of consumer partnerships	565	666	625	589	524	482	452	428	404	393
not state pension fund	—	—	—	—	11	55	75	81	83	80
political party	360	5477	10910	11408	13976	15459	16167	16719	17375	18942
non-profit organisation	11360	29083	40253	43152	46682	50706	54862	59321	63899	67696
religious organisation	3521	12167	16491	17639	18617	19706	20595	21425	22343	23271
trade union, association of trade unions	1059	10965	13507	14192	15639	17360	20405	22678	24649	26340
creative union (other professional organisation)	—	21	139	156	180	204	216	235	240	261
charitable organisation	—	4525	8143	8928	9590	10319	10988	11660	12267	12860
condominium	—	—	2833	3430	4159	5295	6848	8549	10329	11956
community association population	—	—	231	348	425	604	888	1008	1152	1210

[1] The current legislation does not provide for creation and official registration of the new enterprises with such the organisational and the legal forms

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 is exceeds one year). They include lands, buildings, constructions and transmitting devices, machines and equipment, vehicles, tools, perennial plants, animals, long-term biological actives for crop and animal production connected with agricultural activity, etc.; as well as the capital assets, which are in personal property of the population (houses, constructions, perennial plants, cattle, etc.).

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.

The uses of energy materials and refinery processing products (coal, crude oil, natural gas, peat for fuel, coal briquettes, heavy fuel oil, gasoline, etc.) 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. Before 2004 figures are using nomenclature according to the *National Classifier of Products* (NCP); from 2005, by 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).

6.1. Capital assets in economy

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
	bln. KRB		bln. UAH								
Capital assets (at current prices, end of year)	**474**	**10865152**	**829**	**1026**	**1141**	**1276**	**1569**	**2047**	**3150**	**3904**	**6649**
Indices of capital assets, percent											
of 1990	100,0	107,5	110,6	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	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	2003	2004	2005	2006	2007	2008	2009
Ukraine	**828822**	**1026163**	**1141069**	**1276201**	**1568890**	**2047364**	**3149627**	**3903714**
Autonomous Republic of Crimea	34553	42340	43758	47685	63496	76953	107549	136268
oblasts								
Vinnytsya	19981	25287	25993	28747	32911	42704	86179	98021
Volyn	12041	13056	14962	16659	18725	25329	30796	34569
Dnipropetrovsk	86131	101791	128686	136776	159289	194092	263677	341076
Donetsk	99256	123097	129043	144630	188318	225947	301171	430793
Zhytomyr	18436	19814	20207	21669	23873	31586	40793	44715
Zakarpattya	11463	13886	15182	17027	21589	28157	38069	50544
Zaporizhzhya	44810	56813	59225	70358	88089	115057	136124	154835
Ivano-Frankivsk	17156	25163	26811	28022	30150	35338	41910	50433
Kyiv	30450	36232	42289	46815	56111	74906	97550	111959
Kirovohrad	17055	19025	19729	21612	28122	35533	48782	82085
Luhansk	43948	48335	51946	57357	69283	84441	99572	113452
Lviv	35646	47085	51890	59232	68867	82009	102942	152120
Mykolayiv	21812	25101	26451	29348	36909	62257	68060	93411
Odesa	42224	49892	57173	65200	83686	96492	123955	151666
Poltava	30824	38396	52493	57632	68583	94180	122086	144432
Rivne	14875	16346	18964	22785	27380	40277	45643	49826
Sumy	21261	25896	26542	28138	30884	35680	45541	49336
Ternopil	12289	13374	13913	15097	16861	20111	24608	26809
Kharkiv	66358	74548	75594	86816	114402	181148	379942	399665
Kherson	17362	22006	18219	19234	24067	29851	42452	49369
Khmelnytskiy	17943	19279	22399	26764	29777	40057	53078	56896
Cherkasy	21399	22395	23238	26790	42228	49785	57227	62838
Chernivtsi	11167	12446	12893	13720	15801	18931	22190	29696
Chernihiv	18701	26610	27430	29425	31481	35065	44147	53025
cities								
Kyiv	56571	101679	129325	151036	189399	281164	713320	921296
Sevastopol	5110	6271	6714	7627	8609	10314	12264	14579

6.3. Capital assets, by type of economic activity

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**828822**	**915477**	**964814**	**1026163**	**1141069**	**1276201**	**1568890**	**2047364**	**3149627**	**3903714**
Agriculture, hunting, forestry	97471	93392	86192	77979	75447	76034	75511	78978	95880	103187
agriculture, hunting and related services	96624	92510	85314	76995	74362	74880	74274	77471	94089	101339
forestry and related services	847	882	878	984	1085	1154	1237	1507	1791	1848
Fishing	1941	1885	1904	1409	1248	1139	1209	1216	1267	1396
Industry	285328	311089	339259	362598	420080	456738	525222	660369	760194	970942
mining	55746	60130	62543	66974	74878	80012	87562	95006	109677	127723
manufacturing	166094	174158	181394	191953	224367	245800	295046	366247	438872	614731
production and distribution of electricity, gas and water	63488	76801	95322	103671	120835	130926	142614	199116	211645	228488
Construction	15462	16927	17312	18256	20421	24682	29278	40074	52084	66486
Trade; repair of motor vehicles, household appliances and personal demand items	19641	20337	21568	25644	31906	36673	44018	74924	88770	98956
Hotels and restaurants	4934	5484	6367	6893	7636	9252	15217	19625	23450	28008
Transport and communications	113437	130634	141826	151164	167538	184342	306919	453835	1208195	1366919
Financial activity	6524	6145	7680	9244	12646	15439	23688	34833	48670	51521
Real estate transactions, renting, engineering and provision of services to businessmen	167621	209095	214536	233956	247005	303927	363918	465591	607876	745943
Public administration	34238	33389	33161	35235	34572	34901	37193	43572	41261	46954
Education	45344	46302	45735	46621	49281	51639	53500	56615	61933	67544
Health care and provision of social aid	21618	24467	25231	28085	34760	38726	41970	47248	61453	69210
Provision of communal and individual services; cultural and sporting activity	15225	16328	17117	17396	20856	20911	24323	28550	34467	208097

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
Total	**102,4**	**101,1**	**103,3**	**104,2**	**103,8**	**105,0**	**106,1**	**105,1**	**102,5**
Agriculture, hunting, forestry	99,6	99,95	100,7	101,6	102,8	98,6	105,7	108,2	104,5
agriculture, hunting and related services	99,6	99,98	100,7	101,5	102,8	98,4	105,7	108,1	140,6
forestry and related services	102,1	97,2	104,3	105,1	104,4	106,2	108,3	109,9	103,2
Fishing	99,4	102,6	99,1	101,4	100,9	98,8	103,1	100,7	100,2
Industry	102,5	102,6	103,0	104,7	102,5	104,8	105,6	105,1	103,5
mining	104,2	103,7	103,5	106,8	105,1	105,6	106,3	106,6	107,0
manufacturing	102,2	102,5	103,6	104,6	102,2	105,7	107,2	106,6	103,4
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
Construction	101,9	103,1	105,6	106,5	108,6	111,4	118,2	113,2	107,5
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
Hotels and restaurants	108,0	103,5	104,4	108,1	108,0	104,5	104,1	103,6	102,9
Transport and communications	103,9	103,9	105,8	105,3	106,5	106,5	105,6	103,5	100,9
Financial activity	117,2	128,2	117,4	117,9	118,3	121,6	120,6	115,0	103,5
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
Public administration	102,4	102,2	103,7	105,6	103,5	103,7	104,5	106,1	103,9
Education	101,9	100,0	101,6	101,5	101,3	101,8	102,2	102,4	102,2
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
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

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

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

6.7. Degree of depreciation of capital assets, by region

(percent)

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

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

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**43,7**	**45,0**	**47,2**	**48,0**	**49,3**	**49,0**	**51,5**	**52,6**	**61,2**	**60,0**
Agriculture, hunting, forestry	47,3	49,6	49,3	50,4	51,1	52,2	48,2	46,2	45,7	39,6
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
forestry and related services	48,8	49,0	47,3	49,4	49,6	48,4	49,0	47,3	45,8	48,3
Fishing	56,2	59,6	58,2	59,3	57,8	55,9	59,4	55,4	54,2	48,4
Industry	48,8	51,9	54,5	56,4	58,3	57,9	58,6	59,0	58,0	61,8
mining	41,8	44,4	45,5	49,1	49,6	49,6	49,9	49,8	52,9	46,1
manufacturing	52,0	55,1	55,4	55,8	59,3	59,2	60,0	59,7	57,3	64,9
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
Construction	49,2	52,1	52,6	51,0	48,5	45,1	40,8	39,3	41,0	46,0
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
Hotels and restaurants	36,0	35,4	35,7	35,2	33,3	31,6	37,7	39,2	41,5	42,1
Transport and communications	50,5	50,2	49,8	49,0	49,9	48,5	60,4	66,9	82,4	83,9
Financial activity	23,1	20,9	22,2	23,2	23,8	29,6	26,7	25,0	24,7	26,1
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
Public administration	47,0	22,7	31,4	32,7	39,8	42,2	40,8	38,6	46,5	46,7
Education	40,5	51,2	56,6	57,0	58,3	59,7	61,6	57,4	57,8	62,4
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
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

6.9. Operational costs for the sold products (operations, services) and operational

	Year	Operational costs of the sold products (operations, services)		Including			
				material costs		value of goods and services purchased for resale and sold without additional processing	
		mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %
Total[1]	**2009**	**2680329,7**	**100**	**677823,9**	**25,3**	**1411147,9**	**52,6**
	2010	**3259239,7**	**100**	**871081,5**	**26,7**	**1720533,8**	**52,8**
Agriculture, hunting, forestry	2009	60295,2	100	37379,4	62,0	4,1	0,0
	2010	70429,7	100	43444,3	61,7	0,6	0,0
Industry	2009	786725,8	100	484115,4	61,5	97808,3	12,4
	2010	1022906,8	100	656004,7	64,1	129948,5	12,7
Construction	2009	83436,3	100	60840,8	72,9	4,5	0,0
	2010	86805,0	100	64282,5	74,1	1,3	0,0
Trade; repair of motor vehicles, household appliances and personal demand items	2009	1256562,8	100	14514,9	1,2	1131517,7	90,0
	2010	1486791,6	100	16880,2	1,1	1344028,7	90,4
trade in motor vehicles and motorcycles, maintenance and servicing	2009	98799,3	100	2375,9	2,4	84027,5	85,0
	2010	127259,0	100	2587,0	2,0	111074,0	87,3
wholesale trade and sale intermediation	2009	1011235,5	100	8698,0	0,9	928283,1	91,8
	2010	1174237,6	100	10377,4	0,9	1080711,3	92,0
retail trade; repair of household appliances and personal demand items	2009	146528,0	100	3441,0	2,3	119207,1	81,4
	2010	185295,0	100	3915,8	2,1	152243,4	82,2
Hotels and restaurants	2009	11863,1	100	4715,4	39,8	1081,5	9,1
	2010	13459,3	100	5416,7	40,2	1195,5	8,9
Transport and communications	2009	163182,0	100	43473,9	26,7	20129,2	12,3
	2010	183299,8	100	50196,2	27,4	23870,4	13,0
Financial activity	2009	110682,2	100	980,9	0,9	91992,6	83,1
	2010	156480,8	100	1024,2	0,6	136889,3	87,5
Real estate transactions, renting, engineering and provision of services to businessmen	2009	177928,5	100	25728,7	14,5	68520,9	38,5
	2010	208368,9	100	27154,8	13,0	84510,2	40,6
Education	2009	1703,5	100	226,5	13,3	0,0	0,0
	2010	1737,4	100	230,4	13,3	—	—
Health care and provision of social aid	2009	5850,4	100	2221,3	38,0	3,2	0,1
	2010	6808,5	100	2543,0	37,4	6,3	0,1
Provision of communal and individual services; cultural and sporting activity	2009	21535,3	100	3327,2	15,5	85,9	0,4
	2010	21703,6	100	3679,6	17,0	83,0	0,4

[1] Data for 2009, including account changes of the major type of economic activity of enterprises. Data for 2010, without taking into account changes of the major type of economic activity of enterprises

costs per unit of a product sold, by type of economic activity

by components								Operational costs per unit of a sold product, kopecks/UAH
depreciation		labour costs		social contributions		other operational costs		
mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	
86126,0	**3,2**	**170574,4**	**6,4**	**60774,2**	**2,3**	**273883,3**	**10,2**	**97,8**
92146,9	**2,8**	**193704,8**	**5,9**	**69942,5**	**2,2**	**311830,2**	**9,6**	**97,0**
3479,2	5,8	8250,9	13,7	2443,7	4,0	8737,9	14,5	91,6
4134,8	5,9	9370,6	13,3	3170,3	4,5	10309,1	14,6	89,1
36060,1	4,6	74284,6	9,5	28505,9	3,6	65951,5	8,4	97,5
38052,6	3,7	86710,5	8,5	33619,0	3,3	78571,5	7,7	95,9
2379,7	2,8	7390,7	8,9	2736,0	3,3	10084,6	12,1	99,4
2115,3	2,4	7537,1	8,7	2756,5	3,2	10112,3	11,6	99,8
6907,3	0,5	21401,0	1,7	7117,3	0,6	75104,6	6,0	99,1
7625,5	0,5	24518,4	1,7	8136,5	0,5	85602,3	5,8	98,0
1277,6	1,3	2646,4	2,7	896,3	0,9	7575,6	7,7	100,0
1411,1	1,1	2926,6	2,3	1008,1	0,8	8252,2	6,5	98,9
3816,5	0,4	12360,5	1,2	4025,2	0,4	54052,2	5,3	99,0
3919,1	0,3	14032,1	1,2	4509,3	0,4	60688,4	5,2	97,8
1813,2	1,2	6394,1	4,4	2195,8	1,5	13476,8	9,2	99,3
2295,3	1,2	7559,7	4,1	2619,1	1,4	16661,7	9,0	99,0
720,8	6,1	2138,5	18,0	739,5	6,2	2467,4	20,8	104,5
834,5	6,2	2383,2	17,7	829,1	6,2	2800,3	20,8	105,1
19412,1	11,9	28721,0	17,6	10336,8	6,3	41109,0	25,2	90,0
20781,3	11,3	31751,5	17,3	11489,4	6,3	45211,0	24,7	88,9
444,1	0,4	2534,1	2,3	765,7	0,7	13964,8	12,6	99,4
504,5	0,3	3113,5	2,0	929,8	0,6	14019,5	9,0	97,4
12987,2	7,3	18692,2	10,5	5893,4	3,3	46106,1	25,9	94,6
13928,2	6,7	20525,6	9,8	6617,1	3,2	55633,0	26,7	101,6
126,7	7,4	672,5	39,5	219,8	12,9	458,0	26,9	105,0
139,0	8,0	658,8	37,9	224,2	12,9	485,0	27,9	113,5
440,7	7,5	1488,4	25,4	516,7	8,8	1180,1	20,2	101,5
504,9	7,4	1756,4	25,8	615,8	9,0	1382,1	20,3	101,3
3118,5	14,5	4897,7	22,7	1465,6	6,8	8640,4	40,1	126,6
3488,3	16,1	5283,8	24,3	1520,6	7,0	7648,3	35,2	132,7

6.10. Electricity balance sheet

(bln.kW·h)

	Electricity output	Electricity obtained from outside Ukraine	Electricity consumption by					Trans-mission losses	Electricity delivered from Ukraine abroad
			enterprises of mining, manufacturing industries, production and distribution of electricity, gas and water; by construction enterprises	enterprises of agriculture, hunting, forestry; fishing	enterprises of transport and commu-nications	enterprises and organisations of other activities	popula-tion		
2001	173,0	2,1	91,1	4,2	8,7	10,2	21,6	34,1	5,2
2002	173,7	5,5	91,7	3,7	9,2	10,7	21,8	33,5	8,6
2003	180,4	7,2	96,4	3,5	9,6	10,8	23,1	32,0	12,2
2004	182,2	2,2	100,7	3,2	9,8	11,7	24,2	27,3	7,5
2005	186,1	1,7	101,1	3,3	9,5	12,9	26,1	24,8	10,1
2006	193,4	2,1	103,5	3,3	9,9	14,8	27,6	23,9	12,5
2007	196,3	3,4	105,8	3,3	10,5	16,2	28,3	23,0	12,6
2008	192,6	2,1	100,7	3,2	10,7	17,8	31,1	22,4	8,8
2009	173,6	1,4	85,4	3,2	9,1	17,5	33,6	20,7	5,5
2010	188,8	1,9	94,3	3,3	10,3	18,3	36,7	21,7	6,1

USES OF MATERIAL AND TECHNICAL AND ENERGY RESOURCES

6.11. Consumption of energy materials and refinery processing products in 2010, by the selected type of economic activity

	Consumption[1]	Share of consumption, by the selected economic activities, percent				
		agriculture, hunting, forestry	industry	construc-tion	transport and commu-nications	enterprises and organisations of other types of activity
Total, mln.t of conventional fuel	**180,0**	**1,7**	**76,0**	**0,5**	**3,2**	**1,9**
Coal, mln.t	67,8	0,1	96,7	0,0	0,2	1,1
Natural gas, bln.cub.m	55,9	1,1	59,3	0,2	5,2	2,4
Crude oil (including gas condensate), mln.t	11,3	—	99,9	0,1	—	—
Gasoline, thsd.t	4632,7	5,0	6,3	1,5	2,6	7,5
Gas oil (diesel fuel), thsd.t	5667,2	21,6	17,5	4,5	19,4	6,5
Heavy fuel oil, thsd.t	849,5	0,3	92,3	1,6	4,2	1,7
Kerosene, thsd.t	289,2	0,1	4,7	0,1	91,1	4,0
Liquefied propane and butane, thsd.t	274,6	4,1	22,4	1,2	5,2	11,4
Oil and lubricants, thsd.t	249,0	11,2	73,6	2,4	10,2	1,8
Coal briquettes, thsd.t	5,2	0,4	43,3	0,0	0,2	55,8
Non-agglomerated fuel peat, thsd.t conventional moisture content	398,4	0,0	97,9	—	0,0	1,3
Firewood for the heating, thsd. densit cub.m	2528,4	7,4	7,1	0,5	1,2	16,2

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

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

6.13. Consumption structure of energy materials and refinery processing products[1]

(percent)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**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	22,3	22,0	22,4	24,6	25,2	26,8	27,7	28,1
coal briquettes	0,6	0,3	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	39,2	38,9	40,7	39,5	36,9	37,5	34,0	35,7
crude oil (including gas condensate)	21,4	9,0	7,6	15,5	15,4	13,3	10,3	9,9	7,9	9,5	9,0
gasoline	3,0	2,5	2,5	2,6	2,6	2,7	3,2[2]	3,4[2]	3,9[2]	4,1[2]	3,8[2]
gas oil (diesel fuel)	3,5	5,0	4,0	3,6	3,8	3,7	3,9[2]	4,2[2]	4,6[2]	4,5[2]	4,6[2]
heavy fuel oil[3]	5,9	4,0	1,0	0,5	0,5	0,5	0,7	0,8	0,8	1,7	0,6
kerosene	0,1	0,1	0,2	0,1	0,1	0,0	0,0	0,0	0,3	0,2	0,2
liquefied propane and butane	0,3	0,3	0,2	0,2	0,2	0,2	0,2	0,2	0,3	0,3	0,2
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
firewood for the heating	0,2	0,3	0,4	0,4	0,4	0,3	0,3	0,3	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

6.14. Consumption of the selected energy materials and refinery processing products in 2010[1], 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	**67810,5**	**5,2**	**55923,3**	**4632,7**	**5667,2**	**849,5**	**2528,4**
Autonomous Republic of Crimea	156,6	—	1577,2	211,2	193,9	20,6	53,2
oblasts							
Vinnytsya	1953,2	0,0	1304,8	142,0	205,3	7,6	77,4
Volyn	72,2	—	678,5	81,8	142,3	8,4	113,3
Dnipropetrovsk	11329,8	1,4	6079,7	373,6	528,6	45,0	24,5
Donetsk	30150,9	—	7265,2	328,3	417,2	125,0	44,4
Zhytomyr	30,0	—	982,1	106,3	132,1	0,9	349,6
Zakarpattya	27,5	—	702,4	131,4	155,2	0,9	153,1
Zaporizhzhya	4245,8	—	2004,8	206,0	224,9	18,8	22,5
Ivano-Frankivsk	3173,0	0,1	1788,6	102,3	176,2	5,6	42,6
Kyiv	2107,4	0,9	2524,3	301,1	276,1	7,4	142,1
Kirovohrad	118,3	1,5	650,5	93,4	135,9	4,0	46,3
Luhansk	7810,2	—	3453,8	158,0	170,0	498,8	56,2
Lviv	1052,1	—	2551,5	237,5	321,4	1,6	116,8
Mykolayiv	123,5	0,0	1310,8	109,8	194,1	3,3	26,6
Odesa	116,6	—	2706,8	293,9	350,8	41,3	45,4
Poltava	41,2	0,0	2592,1	151,6	381,3	25,8	40,4
Rivne	147,3	—	1612,0	71,8	133,4	0,3	138,4
Sumy	102,8	0,3	1249,0	90,5	104,7	0,4	185,4
Ternopil	24,4	—	861,0	76,9	125,0	0,0	32,6
Kharkiv	3221,6	—	3603,4	234,6	250,9	10,9	148,1
Kherson	60,2	—	570,0	120,5	153,9	3,6	61,8
Khmelnytskiy	413,8	0,8	990,4	114,2	157,2	2,4	97,1
Cherkasy	482,6	0,1	2562,7	141,9	179,9	0,6	103,2
Chernivtsi	35,0	0,0	528,1	74,8	96,6	0,4	154,2
Chernihiv	485,0	—	1014,4	91,3	93,7	2,3	205,3
cities							
Kyiv	319,1	0,0	4534,0	550,4	340,1	1,8	47,4
Sevastopol	10,4	—	225,2	37,6	26,5	11,8	0,5

[1] See the footnote for Table 6.11
[2] See the second footnote for Table 6.13

6.15. Costs structure of energy materials and refinery processing products in 2010, 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**	**55,3**	**4,8**	**39,3**	**0,6**
Coal	100,0	91,0	2,2	6,7	0,0
Natural gas	100,0	35,5	9,3	53,7	1,5
Crude oil (including gas condensate)	100,0	99,8	0,1	0,0	0,1
Gasoline	100,0	0,0	0,0	100,0	0,0
Gas oil (diesel fuel)	100,0	1,5	1,0	97,5	0,0
Heavy fuel oil	100,0	77,4	1,2	21,3	0,0
Kerosene	100,0	—	1,5	98,5	0,0
Liquefied propane and butane	100,0	0,1	0,3	98,9	0,7
Oil and lubricants	100,0	—	97,3	2,7	0,0
Coal briquettes	100,0	62,0	17,1	20,9	—
Non-agglomerated fuel peat	100,0	77,4	7,6	14,4	0,6
Firewood for heating	100,0	17,1	1,0	81,9	0,0

[1] Including losses while processing
[2] See the footnote for Table 6.11

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

	1990	1995	2000	2005	2006	2007	2008	2009	2010
Output of secondary fuel energy resources, thsd.t of conventional fuel	18863,6	4535,2	7156,5	11119,2	11622,1	12460,6	11024,2	9317,3	8495,1
Utilization rate, percent	82,8	93,6	92,3	87,3	88,8	88,3	87,7	86,5	86,9
Output of secondary heat energy resources, thsd. of Gcal	27029,4	11460,2	10073,0	13429,0	13512,9	14425,2	12634,9	8897,5	11088,3
Utilization rate, percent	93,1	95,7	93,8	92,4	95,9	97,1	94,5	94,0	94,9

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		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Supply of electric power produced by heat and power stations HPPs of general use, thsd.kW·h	330,1	336,9	320,8	—	—	—	128,2	64,1	67,9
Supply of electric power produced by HPP block stations, thsd.kW·h	396,2	378,8	386,4	996,9	997,0	—	—	—	—
Supply of electric power produced by HPPs not connected to elelctric power system, thsd.kW·h	190,9	184,1	176,7	—	—	—	—	—	—
Supply of electric power produced by thermal power stations of general use excluding HPPs, thsd.kW·h	399,0	397,1	397,0	—	—	—	—	—	—
Supply of electric power produced by thermal power stations not connected to electric power system, excluding HPPs, thsd.kW·h	190,8	269,2	266,0	—	—	—	—	—	—
Supply of heat power produced by power stations, Gcal	166,8	168,8	166,8	—	—	—	20,0	22,0	37,5
Supply of heat power produced by boilers, Gcal	164,6	164,3	164,2	—	—	—	31,1	32,1	31,2
Output of crude oil, t	14,8	16,5	14,4	36,8	39,1	43,3	90,0	98,7	107,2
Primary oil refining, t	37,6	38,5	36,6	108,5	107,4	100,9	28,0	28,8	26,5
Output of non-agglomerated hard coal, t	—	—	—	40,3	43,8	40,3	87,8	90,5	92,6
Output of non-agglomerated brown coal (lignite), t	—	—	—	215,9	—	—	169,8	2,1	18,6
Output of briquettes, pillets and other solid fuels made of brown coal (lignite), t	—	—	—	—	—	—	444,4	—	—
Output of non-agglomerated iron ores and concentrated products, t	—	—	—	—	—	—	104,0	108,0	106,9
Output of agglomerated iron ores and concentrated products excluding burnt pyrites, t	—	—	—	—	—	—	62,6	54,3	54,5
Output of processed pig iron, billet iron or other primary forms, t	634,9	633,1	630,5	48,7	46,9	45,6	13,8	14,5	15,6
Output of foundry iron, t	689,7	606,5	645,1	50,2	34,6	41,9	113,0	62,3	138,2
Output of carbon open-hearth steel for moulding, t	67,1	40,0	36,9	9,9	—	—	27,1	38,2	50,4
Output of ingots made of carbon open-hearth steel, t	109,0	97,8	104,5	28,4	26,8	28,3	16,6	17,0	17,9
Output of basic oxygen steel for moulding, t	2,1	4,6	4,6	40,5	2,6	—	34,4	38,3	42,9
Output of ingots made of carbon basic oxygen steel, t	2,9	2,7	2,7	16,0	13,9	12,6	29,7	31,5	34,7
Output of carbon electric steel for moulding, t	91,5	107,3	109,7	99,2	210,7	278,9	996,2	960,9	924,0
Output of ingots made of carbon electric steel, t	36,3	37,9	39,0	102,5	126,4	107,6	777,1	950,0	945,9
Production of not crooked rods, hot rolled and hot-drawn, forged from stainless steel angle bars and sections, t	426,6	445,8	417,5	127,0	155,1	132,6	1300,7	1319,8	1314,1
Production of flat and hot rolled stock of non-alloyed steel (carbonic) and alloyed (excluding stainless and high-speed), t	100,3	90,1	83,9	22,2	19,5	17,9	107,3	112,8	109,2

Table 6.17 continued

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW·h		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Production of cold-rolled flat stock of non-alloyed steel (carbonic) and alloyed (excluding stainless and high-speed), 600 mm wide and more, t	19,1	40,7	41,0	299,6	285,8	296,3	131,1	140,3	120,1
Production of tin and tinned, chromium-plated or varnished flat stock, t	37,0	48,2	—	88,8	85,5	—	49,6	79,8	—
Production of electrolytic zinc plated flat stock 600 mm and more of carbonic and alloyed steel, t	—	49,9	37,4	—	—	—	—	45,3	64,1
Production of freely crooked hot-rolled rods of alloyed steel (excluding stainless and high-speed), t	54,1	57,6	60,9	14,8	15,2	16,0	111,3	116,5	103,9
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	92,9	99,5	98,6	22,1	25,7	26,3	124,7	116,6	129,0
Production of hot-rolled sections of non-alloyed (carbonic) steel not less than 80 mm high, t	88,2	95,7	99,3	48,5	49,1	50,2	91,7	101,3	98,1
Production of railway constructions made of iron for railway tracks, t	198,4	—	—	393,3	253,0	—	51,5	53,0	46,2
Production of pipes of large and small diameters, hollow sections made of foundry iron, t	87,2	85,9	82,9	—	—	—	252,2	122,9	119,7
Output of large and small-diameter pipes, hollow profiles made of ferrous metals, t	149,8	119,9	145,6	140,9	167,4	148,2	217,7	223,4	247,2
Output of other rods and bars made of carbon steel, t	140,2	163,2	199,4	131,4	157,0	156,3	411,2	591,9	611,9
Output of angle bars and sections from non-alloyed (carbon) steel, bars and rolls cold-rolled from alloyed steel (excluding stainless), t	469,0	469,4	462,9	138,6	168,5	168,4	789,3	362,0	444,8
Production of steel wire, t	29,6	27,0	23,1	105,1	78,8	58,1	282,1	289,0	291,1
Output of ferroalloys, t	447,7	439,7	425,8	7,5	43,9	29,4	4060,3	4175,5	4086,8
Output of hard coal coke and char, t	—	—	—	264,5	259,9	273,1	59,9	61,8	60,2
Output of raw (green) or unrefined sulphur (including extracted sulphur), t	218,1	271,9	520,4	2012,5	1581,8	1436,7	546,9	513,8	514,2
Output of sublimated or precipitated sulphur, colloidal sulphur, t	—	—	—	710,0	710,0	710,1	202,0	202,0	202,2
Output of synthetic ammonia, t	—	—	—	282,5	263,4	327,4	262,0	263,3	284,0
Output of sulphuric acid, t	6,8	4,1	2,0	90,4	76,7	83,1	119,5	120,3	111,0
Output of soda ash (caustic ash), t	—	—	—	2206,0	2169,7	2079,0	205,7	202,4	174,7
Output of sodium hydroxide (caustic soda), t	—	—	—	4063,7	4273,9	3429,4	3425,5	3459,4	3292,6
Output of mineral or chemical nitrogen fertilisers, t	156,7	128,8	131,6	512,1	960,6	1249,1	86,0	141,1	424,2
Output of mineral or chemical phosphatic fertilisers, t	270,1	262,3	222,9	469,9	583,4	454,1	393,8	429,5	383,1

Table 6.17 continued

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW·h		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Output of synthetic fibers, t	—	—	—	4143,7	7491,7	22445,1	5017,5	3407,3	2831,5
Output of portland cement, aluminous, permetallurgical, clinker, and similar hydraulic cement, t	143,2	51,3	50,8	—	—	—	108,2	102,0	107,9
Output of quick lime, t	176,7	177,2	180,2	—	—	4,6	39,8	40,5	40,4
Output of construction ceramic non-fireproof bricks, thsd.pcs of conventional bricks	197,3	193,1	182,8	—	—	—	113,6	110,3	112,1
Output of silicate bricks, thsd.pcs of conventional bricks	—	—	—	357,7	352,3	323,2	47,1	53,6	57,9
Output of cast, rolled, blown or stretched, sheet or sectioned glass not processed through other method, sq.m	3,9	4,6	6,5	—	—	—	1,2	2,5	2,9
Output of fabrics, thsd.sq.m									
cotton	51,8	50,5	77,6	1207,1	1073,9	1136,5	1170,2	1219,9	1316,3
linen with 85% and more flax	—	—	—	1324,3	—	—	1126,2	351,4	—
linen with 85% and less flax combined with cotton	—	—	—	1331,1	—	—	1171,8	1166,7	1666,7
Output of knitted hosiery produced by machines or handmade, thsd. pairs	88,9	59,2	65,2	598,6	467,7	411,5	382,6	262,5	334,1
Output of leather footwear, thsd. pairs	—	—	—	1279,1	959,4	761,6	1546,3	1422,7	1476,4
Output of bakery, t	111,0	108,0	100,8	335,3	318,8	298,8	108,3	106,2	107,2
Output of gingerbreads and similar products, sweet biscuits and waffles, t	96,0	93,8	87,6	237,5	236,0	237,8	215,2	216,9	219,1
Output of dried flatbread, rusk, toast bread and similar products, t	184,6	170,3	160,5	432,9	382,6	404,3	232,4	249,4	268,9
Output of cakes, confectionery products, other bakery products with sweeteners, t	141,5	149,1	140,9	476,0	373,0	396,8	411,5	382,8	364,4
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	—	—	—	755,8	533,7	425,4	259,3	245,7	255,5
Output of butter, t	153,8	—	—	2179,7	2101,7	2058,9	185,6	209,1	213,6
Output of natural canned vegetables, t	218,7	225,0	242,4	983,7	829,1	1047,0	102,7	106,2	137,0
Output of ready-made and canned fruit products, t	63,5	66,4	132,7	147,4	399,5	563,1	43,9	90,5	101,7
Output of non-denaturized ethyl alcohol with at least 80% of turns, dal	—	—	—	45,6	44,9	44,4	2,0	2,0	2,1
Activity of pipeline transport in transporting crude oil and oil products, thsd.tkm	—	—	—	—	—	—	7,1	8,2	9,5
Activity of pipeline transport in transporting gas, mln.cub.m·km	26,2	23,8	22,4	1,9	2,3	2,3	2,5	1,6	6,7
Services rendered by transport infrastructure for railway transport, 10 thsd.tkm (gross)	—	—	—	—	—	—	19,5	25,9	23,8

7. INDUSTRY

Industrial production index is compiled in line with international standards. 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). Every month the indices over the average monthly value of base year are produced using the Laspeyres' formula. The index does not include the activity on distribution of gas, heat energy, water, waste and scrap management and publishing.

Index over the previous year is defined through the monthly indices of the average monthly value of base 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.

Volume of industrial products (operations, services) sold is calculated using the prices of final products (operations performed and services rendered) 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 (operations, services) by barter contracts) less indirect taxes (tax on value added, excise tax, ets.). The products are considered sold after the documents are prepared regardless of whether payments for products have been made. Data on sales by type of industrial activity are compiled in line with functional principle (by homogeneous products).

7.1. Industrial production in the economy

(percent)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Share of gross industrial value added in total value added	36,0	34,6	31,4	30,3	28,5	30,9	31,7	31,2	30,1	26,9	27,6[1]
Industrial fixed assets	32,4	31,5	34,4	35,3	36,9	35,9	33,5	32,3	24,1	24,9	16,6
Industrial products in total output (at basic prices)	50,7	47,4	47,0	48,4	48,0	47,8	46,5	45,3	44,5	40,5	43,5[1]

[1] Preliminary data

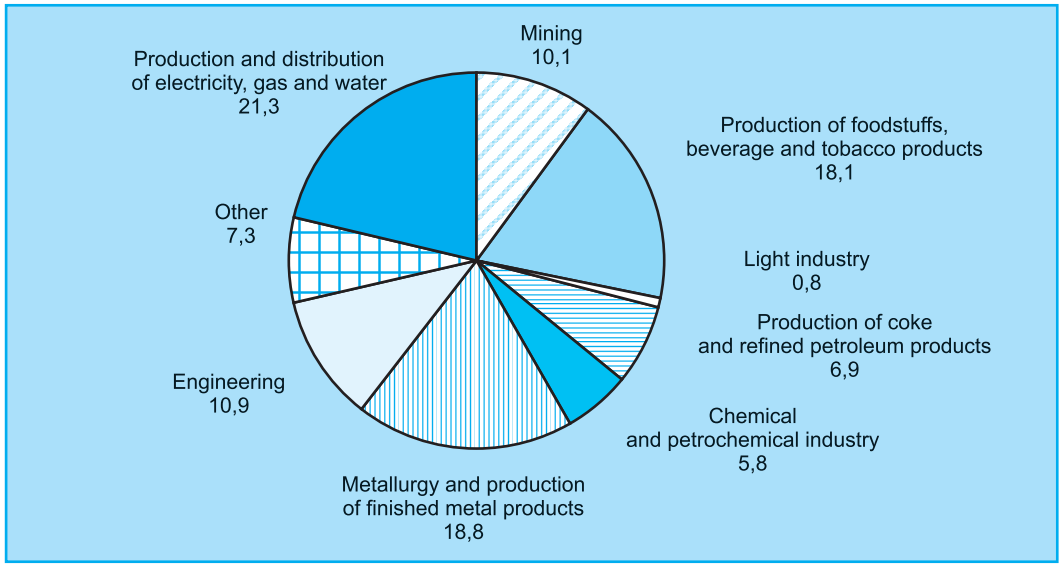
7.2. Basic indicators of industrial production

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Industrial products sold, mln. UAH	182718,3	289117,3	400757,1	468562,6	551729,0	717076,7	917035,5	806550,6[1]	1067132,3[2]
Industrial fixed assets (at current prices; end of year), mln. UAH	285328	362598	420080	456738	525222	660369	760194	970942	1101199
Profitability of operations of manufacturing enterprises, percent	4,8	3,3	4,7	5,5	5,8	5,8	4,9	1,8[1]	3,5[2]
Share of loss-making enterprises, percent	42	40	38	37	35	33	39	40[1]	41[2]
Number of industrial employees, thsd.	4461,8	3943,6	3941,2	3913,3	3851,9	3690,0	3527,1	3185,1[1]	3093,9[2]
Average monthly wages of industrial employees, UAH	291,16	553,59	697,42	912,83	1144,59	1481,96	1936,93	2033,51[1]	2471,99[2]

[1] Data is updated taking into account the changes of the major type of economic activity of enterprises
[2] Data is resulted without taking into account changes of the major type of economic activity of enterprises

7.3. Industrial products sold in 2010, by type of activity[1]

(percent of total)



[1] See the second footnote to Table 7.2

7.4. Industrial production indices, by type of activity

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Industry	**114,2**	**107,0**	**115,8**	**112,5**	**103,1**	**106,2**	**107,6**	**94,8**	**78,1**	**111,2**
Mining	103,3	102,3	105,5	104,1	104,4	105,8	102,6	95,7	89,4	103,7
mining of fuel and energy minerals	104,8	99,2	103,6	101,9	103,1	103,3	97,4	100,3	94,3	96,9
coal lignite and peat mining	105,3	98,8	101,9	100,2	103,0	102,8	95,4	101,1	92,4	99,3
hydrocarbons extraction and associated services	102,1	102,7	107,3	105,7	103,8	105,2	101,6	98,3	97,4	91,7
mining operations apart from fuel and energy materials	100,2	107,7	109,1	107,6	105,7	109,5	109,6	90,1	82,8	114,3
iron are mining	98,4	108,2	107,0	106,3	106,2	109,4	106,1	90,0	88,2	114,8
Manufacturing	117,2	108,9	118,2	114,6	103,0	106,3	109,9	94,0	73,5	113,9
including										
production of foodstuffs, beverages and tobacco products	118,2	108,4	120,0	112,4	113,7	110,0	107,5	97,9	94,0	103,2
production of foodstuffs, beverages	117,5	107,8	120,1	112,2	113,3	110,1	107,8	97,7	94,7	104,5
production tobacco products	128,4	115,9	118,3	115,0	118,2	109,5	104,9	99,5	87,4	89,6
light industry	113,8	100,4	104,0	113,6	100,3	98,1	97,4	89,4	74,2	108,9
textile industry; sewing of clothes, fur and fur acticles	114,7	101,1	102,9	114,0	102,6	95,2	97,0	88,2	72,0	109,5
textile industry	111,5	101,4	108,6	119,2	108,7	97,8	112,4	92,1	72,6	116,9
sewing of clothes; fur and fur articles	116,3	100,9	101,0	112,1	100,2	94,1	89,7	85,8	71,6	104,7
production of leather, leather articles and other materials	110,3	97,9	107,5	112,5	91,9	110,3	99,4	95,8	84,1	106,6
wood working and production of wood products apart from furniture	128,0	123,4	123,6	125,5	119,5	113,9	112,4	97,6	75,4	109,6
cellulose and paper industry; printing	118,2	108,4	125,7	125,9	112,7	110,3	111,6	100,1	81,3	102,8
production of paper and paper-board	116,8	106,7	123,0	118,8	113,7	107,2	113,8	98,3	91,0	110,8
production of coke and refined petroleum products	154,3	125,5	108,7	103,4	86,6	87,9	102,1	86,6	96,6	99,8
chemical and petrochemical industry	110,6	106,5	116,8	114,4	109,8	103,2	108,4	91,4	77,0	122,5
production of chemicals	107,9	107,9	116,0	111,0	107,8	100,9	106,8	89,2	77,3	126,6
production of rubber and plastic products	124,7	100,0	120,7	128,8	117,6	111,1	114,5	99,1	76,3	110,1
production of other non-metallic mineral products	111,4	105,3	117,9	119,3	114,3	112,8	111,9	97,2	61,5	108,5
metallurgy and production of finished metal products	104,9	103,9	114,3	112,0	98,5	108,9	107,0	87,7	73,3	112,2
metallurgy production	104,5	103,7	113,5	111,0	97,7	108,7	106,5	86,6	74,8	111,8
production of finished metal products	120,8	108,6	133,6	131,1	115,7	113,9	112,1	96,7	61,4	116,2
engineering	118,8	111,3	135,8	128,0	107,1	111,8	119,0	100,3	55,1	136,1
manufacture of machinery and equipment	118,6	100,4	121,4	118,9	112,2	102,9	103,0	98,2	62,4	121,1
manufacture of electrical, electronic and optical equipment	115,2	108,1	119,2	149,3	90,8	110,7	129,1	93,2	71,8	124,2
manufacture of transport vehicles and equipment	122,0	129,6	162,1	124,6	112,4	119,1	130,0	105,7	42,1	161,9
manufacture of cars, trailers and semitrailers	114,6	123,3	219,2	163,3	122,8	136,6	142,5	107,4	19,2	123,8
manufacture of other transport vehicles	124,1	131,5	145,1	106,8	104,4	105,0	121,2	104,3	61,3	172,0
Production and distribution of electricity, gas and water	102,6	101,1	104,7	98,9	102,9	106,7	102,3	98,2	88,9	109,5

7.5. Operational costs and costs per unit of output,

	Year	Operational costs from sold products (operations, services)		Including			
				material costs		value of goods and services purchased for resale and sold without additional processing	
		mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %
Industry[1]	**2009**	**786725,8**	**100**	**484115,4**	**61,5**	**97808,3**	**12,4**
	2010	**1022906,8**	**100**	**656004,7**	**64,1**	**129948,5**	**12,7**
Mining	2009	69198,1	100	29800,9	43,1	—	—
	2010	88730,1	100	40984,7	46,2	—	—
mining of fuel and energy minerals	2009	44020,9	100	16640,7	37,8	—	—
	2010	54046,6	100	21461,2	39,7	—	—
mining operations apart from fuel and energy materials	2009	25177,2	100	13160,2	52,2	—	—
	2010	34683,5	100	19523,5	56,3	—	—
Manufacturing	2009	540087,5	100	406699,1	75,3	—	—
	2010	708585,7	100	555334,8	78,4	—	—
including							
production of foodstuffs, beverages and tobacco products	2009	144660,9	100	110291,3	76,2	—	—
	2010	180833,1	100	140151,9	77,5	—	—
light industry	2009	7141,8	100	4080,9	57,1	—	—
	2010	8275,5	100	4926,0	59,5	—	—
textile industry; sewing of clothes, fur and fur acticles	2009	5093,2	100	2598,8	51,0	—	—
	2010	5922,4	100	3260,4	55,1	—	—
production of leather, leather articles and other materials	2009	2048,6	100	1482,1	72,3	—	—
	2010	2353,1	100	1665,6	70,8	—	—
wood working and production of wood products apart from furniture	2009	6310,3	100	4156,6	65,9	—	—
	2010	7477,5	100	4904,7	65,6	—	—
cellulose and paper industry; printing	2009	20641,3	100	14281,6	69,2	—	—
	2010	24324,6	100	17379,8	71,5	—	—
production of coke and refined petroleum products	2009	53762,9	100	48054,2	89,4	—	—
	2010	72049,2	100	65517,1	90,9	—	—
chemical and petrochemical industry	2009	47077,1	100	34856,3	74,1	—	—
	2010	61445,4	100	46540,1	75,7	—	—
production of chemicals	2009	33010,0	100	24292,3	73,6	—	—
	2010	43480,0	100	32646,3	75,1	—	—
production of rubber and plastic products	2009	14067,1	100	10564,0	75,1	—	—
	2010	17965,4	100	13893,8	77,3	—	—
production of other non-metallic mineral products	2009	23259,1	100	15603,6	67,1	—	—
	2010	27006,2	100	18482,7	68,4	—	—
metallurgy and production of finished metal products	2009	147433,5	100	118410,9	80,3	—	—
	2010	205740,2	100	173235,1	84,2	—	—
engineering	2009	80087,3	100	50166,2	62,6	—	—
	2010	106015,3	100	72034,4	68,0	—	—
manufacture of machinery and equipment	2009	31210,1	100	18932,5	60,7	—	—
	2010	36968,9	100	23199,0	62,7	—	—
manufacture of electrical, electronic and optical equipment	2009	22249,3	100	14515,5	65,2	—	—
	2010	25804,2	100	16738,8	64,9	—	—
manufacture of transport vehicles and equipment	2009	26627,9	100	16718,2	62,8	—	—
	2010	43242,2	100	32096,6	74,2	—	—
Production and distribution of electricity, gas and water	2009	177440,2	100	47615,4	26,8	97808,3	55,1
	2010	225591,0	100	59685,2	26,5	129948,5	57,6

[1] In 2009, data is resulted without taking into account changes of the major type of activity of enterprises. In 2010, resulted without taking into account changes of the major type of economic activity of enterprises

by type of industrial activity

by component								Operational costs per unit of sold product, kopecks/UAH
depreciation		labour costs		social contributions		other operational costs		
mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	
36060,1	**4,6**	**74284,6**	**9,5**	**28505,9**	**3,6**	**65951,5**	**8,4**	**97,5**
38052,6	**3,7**	**86710,5**	**8,5**	**33619,0**	**3,3**	**78571,5**	**7,7**	**95,9**
7223,9	10,4	15470,4	22,4	7046,2	10,2	9656,7	13,9	102,9
8512,8	9,6	18342,5	20,7	8418,1	9,5	12472,0	14,0	82,3
4913,1	11,2	11971,3	27,2	5691,8	12,9	4804,0	10,9	121,0
5367,3	9,9	14217,9	26,3	6786,0	12,6	6214,2	11,5	101,7
2310,8	9,2	3499,1	13,9	1354,4	5,4	4852,7	19,3	81,6
3145,5	9,1	4124,6	11,9	1632,1	4,7	6257,8	18,0	63,4
22393,0	4,1	44706,8	8,3	16330,6	3,0	49958,0	9,3	96,6
23446,1	3,3	52043,2	7,3	19239,5	2,7	58522,1	8,3	96,9
5206,4	3,6	9955,1	6,9	3396,0	2,4	15812,1	10,9	90,7
5748,8	3,2	11128,3	6,2	3888,0	2,1	19916,1	11,0	93,9
306,8	4,3	1421,1	19,9	496,0	7,0	837,0	11,7	95,1
311,3	3,8	1630,0	19,7	572,3	6,9	835,9	10,1	97,2
255,8	5,0	1146,3	22,5	400,4	7,9	691,9	13,6	96,1
252,4	4,3	1293,7	21,8	451,8	7,6	664,1	11,2	98,5
51,0	2,5	274,8	13,4	95,6	4,7	145,1	7,1	92,5
58,9	2,5	336,3	14,3	120,5	5,1	171,8	7,3	94,2
424,7	6,7	681,3	10,8	251,8	4,0	795,9	12,6	99,3
706,9	9,4	790,3	10,6	293,2	3,9	782,4	10,5	101,8
946,7	4,6	1928,5	9,3	649,5	3,2	2835,0	13,7	93,3
1023,6	4,2	2241,0	9,2	749,6	3,1	2930,6	12,0	94,1
1682,4	3,1	1515,1	2,8	596,6	1,1	1914,6	3,6	100,0
1790,0	2,5	1834,9	2,6	796,4	1,1	2110,8	2,9	97,9
2181,3	4,6	3802,5	8,1	1422,3	3,0	4814,7	10,2	97,1
2271,0	3,7	4785,1	7,8	1809,8	3,0	6039,4	9,8	98,8
1474,3	4,5	2666,4	8,1	1025,0	3,1	3552,0	10,7	99,1
1555,8	3,6	3422,0	7,8	1340,1	3,1	4515,8	10,4	98,8
707,0	5,0	1136,1	8,1	397,3	2,8	1262,7	9,0	92,8
715,2	4,0	1363,1	7,6	469,7	2,6	1523,6	8,5	99,0
1701,6	7,3	2349,5	10,1	877,9	3,8	2726,5	11,7	97,0
1795,2	6,7	2649,8	9,8	1008,7	3,7	3069,8	11,4	97,0
6337,4	4,3	10277,3	7,0	3924,2	2,7	8483,7	5,7	104,2
6477,3	3,1	11474,9	5,6	4369,0	2,1	10183,9	5,0	102,8
3238,6	4,1	11770,7	14,7	4355,4	5,4	10556,4	13,2	93,3
2959,9	2,8	14320,5	13,5	5320,5	5,0	11380,0	10,7	91,2
1072,9	3,4	5028,3	16,1	1877,9	6,0	4298,5	13,8	91,1
1105,3	3,0	5942,8	16,1	2238,6	6,1	4483,2	12,1	93,4
748,9	3,4	3126,6	14,1	1116,8	5,0	2741,5	12,3	90,8
803,5	3,1	3863,3	15,0	1378,1	5,3	3020,5	11,7	93,1
1416,8	5,3	3615,8	13,6	1360,7	5,1	3516,4	13,2	98,3
1051,1	2,4	4514,4	10,4	1703,8	4,0	3876,3	9,0	88,4
6443,2	3,6	14107,4	8,0	5129,1	2,9	6336,8	3,6	98,6
6093,7	2,7	16324,8	7,2	5961,4	2,6	7577,4	3,4	99,0

7.6. Industrial production indices, by region

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**114**	**107**	**116**	**113**	**103**	**106**	**108**	**95**	**78**	**111**
Autonomous Republic of Crimea	109	93	119	128	114	103	112	103	83	111
oblasts										
Vinnytsya	109	104	112	112	113	106	109	99	84	107
Volyn	121	112	122	123	122	119	144	90	52	127
Dnipropetrovsk	109	104	110	110	107	108	107	91	79	116
Donetsk	106	104	119	112	92	106	108	92	78	115
Zhytomyr	114	104	122	119	113	105	109	106	79	108
Zakarpattya	122	112	144	127	108	127	120	103	51	143
Zaporizhzhya	102	101	121	119	104	110	119	98	69	108
Ivano-Frankivsk	125	123	128	111	105	91	96	79	77	100,2
Kyiv	110	105	117	116	118	114	108	104	83	108
Kirovohrad	114	104	124	134	110	112	110	104	78	113
Luhansk	130	104	112	111	102	102	116	94	80	107
Lviv	143	114	114	109	93	108	113	101	80	101
Mykolayiv	110	103	112	115	107	106	108	100,4	86	110
Odesa	130	108	118	97	99	91	117	128	78	103
Poltava	133	138	109	110	98	107	103	86	84	113
Rivne	110	101	121	115	113	109	112	99	69	130
Sumy	107	103	117	108	113	104	108	106	83	94
Ternopil	119	103	135	102	109	118	109	110	85	103
Kharkiv	117	105	111	116	113	106	110	104	80	106
Kherson	125	105	116	98	88	81	109	101	92	100,5
Khmelnytskiy	111	103	114	113	119	113	115	99	76	105
Cherkasy	112	108	128	112	114	104	125	133	71	117
Chernivtsi	112	103	127	106	110	108	121	104	75	112
Chernihiv	113	105	110	110	111	103	106	100	84	99,8
cities										
Kyiv	118	108	114	119	115	110	109	99	71	104
Sevastopol	114	106	108	126	117	136	106	96	74	114

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

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production of foodstuffs, beverages and tobacco products	**118,2**	**108,4**	**120,0**	**112,4**	**113,7**	**110,0**	**107,5**	**97,9**	**94,0**	**103,2**
Production of foodstuffs, beverages including	117,5	107,8	120,1	112,2	113,3	110,1	107,8	97,7	94,7	104,5
output of meat and meat products	89,2	130,0	126,1	115,3	111,6	113,6	119,4	96,2	88,6	106,8
processing and preserving vegetables and fruit	127,3	122,5	139,3	120,3	129,8	111,8	121,2	97,5	84,1	94,4
output of oil and fats	97,2	110,0	132,8	109,1	107,9	125,3	109,9	89,7	130,1	107,5
output of dairy products and ice-cream	134,9	98,1	113,6	120,7	115,6	93,5	107,8	93,2	90,1	98,3
output of products by flour-milling and groats industry, starch and starch products output	106,0	102,9	105,1	116,3	95,3	94,2	109,8	107,1	92,8	96,1
output of other foodstuffs	118,9	102,4	120,8	103,3	107,4	113,6	95,7	98,3	91,7	107,9
of which										
output of bread and bread products	103,0	98,0	107,2	105,7	103,0	100,6	97,3	98,5	90,7	100,3
output of crackies, cookies, pies and cakes of long storage	117,7	117,1	124,1	126,1	118,4	124,0	105,9	104,4	90,8	107,1
output of cocoa, chocolate and sugar-based confectionery	115,8	101,3	111,9	112,5	111,2	100,7	109,0	102,6	97,7	104,0
output of beverages	123,3	116,2	118,0	115,7	124,0	109,6	113,3	100,4	92,7	104,8
Production of tobacco products	128,4	115,9	118,3	115,0	118,2	109,5	104,9	99,5	87,4	89,6

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

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production of coke and refined petroleum products	**154,3**	**125,5**	**108,7**	**103,4**	**86,6**	**87,9**	**102,1**	**86,6**	**96,6**	**99,8**
including										
output of coke	102,7	96,8	115,7	107,1	87,5	99,8	106,8	94,9	89,2	106,8
output of refined petroleum products	179,6	135,1	106,7	101,8	85,6	82,2	99,7	81,9	101,3	95,9

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

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Chemical and petrochemical industry	**110,6**	**106,5**	**116,8**	**114,4**	**109,8**	**103,2**	**108,4**	**91,4**	**77,0**	**122,5**
Chemical production including	107,9	107,9	116,0	111,0	107,8	100,9	106,8	89,2	77,3	126,6
output of basic chemistry	106,2	107,9	119,2	110,0	104,5	101,7	106,3	86,5	67,7	127,4
paints and varnish output	112,7	105,8	122,0	110,7	118,0	85,4	112,0	92,7	78,8	105,9
pharmaceutical output	114,3	103,7	112,1	113,7	117,7	106,5	106,4	91,0	101,9	134,8
output of soap and detergents, cleaning and polishing agents, perfumes and cosmetics	112,0	114,8	110,7	125,8	118,8	103,1	102,3	97,3	100,8	109,3
Output of rubber and plastic products	124,7	100,0	120,7	128,8	117,6	111,1	114,5	99,1	76,3	110,1
output of rubber products	113,1	85,6	106,6	122,5	110,7	100,8	90,3	84,5	64,7	108,5
output of plastic products	145,9	119,2	131,5	132,2	121,0	115,8	129,1	105,2	80,2	110,6

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

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Engineering	**118,8**	**111,3**	**135,8**	**128,0**	**107,1**	**111,8**	**119,0**	**100,3**	**55,1**	**136,1**
Output of machines and equipment	118,6	100,4	121,4	118,9	112,2	102,9	103,0	98,2	62,4	121,1
including										
output of mechanical appliances	112,9	100,7	123,1	114,6	113,6	101,2	100,7	95,4	78,5	117,1
production of machines and equipment for general purpose	125,5	108,8	131,8	134,9	122,2	120,9	103,1	98,2	61,2	110,4
output of machinery for agriculture and forestry	107,5	91,1	103,3	123,6	110,8	82,9	100,4	118,9	55,1	166,6
output of engineering tools	101,5	92,2	116,0	114,4	110,7	90,1	115,5	89,3	53,1	105,4
output of other special-purpose machines and equipment	126,5	99,8	122,5	119,4	106,2	108,0	109,7	92,3	51,9	129,5
of which										
output of machines and equipment for metallurgy	145,4	93,6	118,7	113,8	130,4	117,8	124,4	88,4	48,8	133,1
output of machines and equipment for mining and construction	118,1	101,3	127,6	123,8	91,6	98,7	115,0	94,8	51,8	139,2
output of machines and equipment for processing of agricultural products	102,8	94,0	116,4	136,4	102,8	114,0	97,2	94,2	70,6	118,9
output of household appliances	124,7	119,5	137,1	121,0	122,1	104,1	107,2	87,0	69,6	113,2
Output of electrical, electronic and optical equipment	115,2	108,1	119,2	149,3	90,8	110,7	129,1	93,2	71,8	124,2
output of office and computing equipment	86,9	124,0	128,3	143,0	129,8	96,9	68,2	116,2	53,7	96,4
output of electric machines and equipment	113,4	109,2	118,1	161,6	85,1	111,6	155,9	91,9	75,7	126,3
output of appliances for radio, television and communications	134,6	98,6	127,2	109,8	129,5	93,0	105,9	77,4	76,2	117,9
output of medical machines, measurement appliances, optical devices and equipment, clocks and watches	114,3	107,4	115,8	125,1	91,5	116,9	103,1	100,6	62,9	125,8
Output of transportation carriers and equipment	122,0	129,6	162,1	124,6	112,4	119,1	130,0	105,7	42,1	161,9
output of cars, trailers and semitrailers	114,6	123,3	219,2	163,3	122,8	136,6	142,5	107,4	19,2	123,8
output of other transportations carriers	124,1	131,5	145,1	106,8	104,4	105,0	121,2	104,3	61,3	172,0
of which										
output of a railway rolling stock	121,2	164,1	172,2	106,7	102,4	97,1	134,4	108,6	47,8	235,5

7.11. 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

7.12. 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	Ores and non-agglomerated iron concentrates
1990	…	1,6	5,3	28,1	105
1995	…	1,1	4,1	18,2	50,7
2000	62,4	0,4	3,7	17,9	55,9
2001	61,7	0,3	3,7	18,4	55,3
2002	59,5	0,5	3,7	18,7	59,4
2003	59,8	0,6	3,9	19,3	63,0
2004	59,4	0,5	4,3	20,5	66,0
2005	60,4	0,6	4,4	20,8	69,5
2006	61,7	0,5	4,5	21,1	74,0
2007	58,9	0,4	4,5	21,1	77,9
2008	59,5	0,4	4,3	21,4	72,7
2009	55,0	0,4	4,0	21,5	66,5
2010	55,0	0,4	3,6	20,5	78,5

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

7.13. 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

[1] Prior to 2002 (inclusive), including sparkling wines

7.14. 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

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

7.15. 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

7.16. Output of selected types of chemical and petrochemical industry

(thsd.t)

	Sulphuric acid	Sodium hydroxide (soda caustic)	Nitric mineral or chemical fertilisers	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

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

7.17. 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

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

7.18. 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	3,8	167	—	197	69,3	75,3	2,7	…[1]	111

[1] See the footnote to Table 7.16

7.19. Output of industrial products, by type of activity

	2003	2004	2005	2006	2007	2008	2009	2010
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
Non-agglomerated fuel peat (conventional moisture), mln.t	0,6	0,5	0,6	0,5	0,4	0,4	0,4	0,4
Crude oil, mln.t	2,8	3,0	3,1	3,3	3,3	3,2	2,9	2,6
Gas condensate, mln.t	1,1	1,3	1,2	1,2	1,1	1,1	1,1	1,0
Oil-related gas, bln.cub.m	0,7	0,8	0,9	1,0	0,9	0,9	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
Mining operations apart from fuel and energy materials								
Non-agglomerated iron ores and concentrates, mln.t	63,0	66,0	69,5	74,0	77,9	72,7	66,5	78,5
Agglomerated iron ores and concentrates, mln.t	58,9	63,1	65,0	68,8	72,8	64,1	55,9	61,8
Plaster, thsd.t	325	338	381	376	743	1161	711	679
Lamestone, mln.t	20,4	23,2	25,1	27,8	30,0	26,7	18,0	20,6
Chalk, mln.t	1,3	1,6	4,4	5,0	5,6	5,6	0,3	0,5
Natural sands, mln.cub.m	7,2	8,1	10,7	12,8	15,2	15,6	7,8	9,0
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
Kaolin and other kaolinite clay, thsd.t	1176	1468	1566	1731	2172	1775	1119	1391
Salt and pure sodium chloride, thsd.t	3863	4393	4811	5996	5548	4425	5395	4908
Production of foodstuffs, beverages								
Fresh (fresh-killed) or cooled beef and veal, thsd.t	186	141	143	156	160	128	94,3	87,9
Frozen beef and veal, thsd.t	97,9	57,0	50,1	43,9	61,5	39,4	26,9	24,1
Fresh (fresh-killed) or cooled pork, thsd.t	80,2	74,1	81,4	130	179	157	130	164
Frozen pork, thsd.t	18,9	13,9	18,0	25,4	24,0	14,2	5,4	7,5
Fresh (fresh-killed) or cooled mutton, thsd.t	0,8	0,7	0,5	0,4	0,5	0,5	0,4	0,4
Frozen mutton, thsd.t	0,5	0,2	0,1	0,05	0,01	—	—	…[1]
Fresh or cooled meat and edible offal of poultry, thsd.t	131	201	274	327	458	572	649	689
Frozen meat and edible offal of poultry, thsd.t	38,5	39,8	57,9	90,5	90,1	82,3	90,1	91,2
Sausages, thsd.t	271	332	309	301	330	335	272	281
Poultry products and cans, thsd.t	4,2	3,2	3,9	4,0	4,2	4,6	3,1	3,2
Pork products and cans, thsd.t	3,1	3,4	4,7	4,7	5,4	5,3	2,7	2,9
Beef and veal products and cans, thsd.t	10,4	10,4	17,8	12,8	11,1	10,6	5,2	3,9
Ready-to-cook meat (including poultry) products[2], thsd.t	72,5	220	142	149	178	93,9	73,3	95,7
Natural juice (including orange), thsd.t	237	245	288	319	447	421	292	309
Juice blended natural, thsd.t	77,1	171	246	319	467	446	346	373
Juice concentrated, including blended, without tomato juice, thsd.t	85,2	55,1	74,1	57,8	100	52,4	72,4	67,3
Natural canned vegetables, thsd.t	92,9	102	150	158	101	140	147	118
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
Unrefined sunflower seed oil, thsd.t	1257	1343	1382	2080	2228	1867	2796	3030
Margarine and similar products, thsd.t	250	282	302	311	317	316	353	363
Processed skimmed milk, thsd.t	645	716	864	820	863	808	770	801
Cream fat content more than 8%, thsd.t	9,9	23,6	21,2	14,0	14,6	18,4	16,0	19,8
Butter, thsd.t	137[3]	116	120	104	100	84,8	74,7	79,5
Fat spreads and mixtures, thsd.t	…	53,0	80,3	71,1	83,8	81,8	73,1	65,2

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009	2010
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
Cheese with high fat content, thsd.t	173	224	274	217	246	236	224	207
Sour milk products, thsd.t	427	467	499	524	532	532	492	479
Flour, thsd.t	2827	2949	2944	2696	2908	3030	2734	2632
Cereals, thsd.t	294	335	342	322	318	363	397	340
Bread and flour products, thsd.t	2335	2307	2264	2160	2034	1978	1828	1807
Cookies sweet and wafers, thsd.t	272	285	314	337	358	373	339	367
Granulated sugar, thsd.t	2486	2147	2139	2592	1867	1571	1275	1805
of which sugar beets	1456	1788	1900	2574	1867	1571	1271	1546
Chocolate and other cocoa products in briquettes, plates or bars, thsd.t	205	244	283	303	329	346	330	352
Sugar confectionery (including white chocolate) without cocoa content, thsd.t	293	310	285	241	256	250	266	252
Macaroni products without filling and heat processing, thsd.t	110	99,7	104	108	107	113	108	116
Natural mineral spring waters, mln.dal	6,5	7,7	14,8	15,7	30,5	35,4	28,5	31,4
Fizzy natural mineral waters, mln.dal	79,3	77,3	100	115	130	120	102	112
Soft drinks, mln.dal	125	140	169	176	196	173	147	148
Light industry								
Textiles, mln.sq.m	76,3	107,5	113,5	99,9	114,3	109,1	86,8	88,2
of which								
cotton	34,4	45,1	53,0	42,7	52,1	48,3	34,5	30,1
wool	5,2	8,3	8,3	8,1	7,0	6,6	4,0	5,8
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
those made of chemical fibres	29,5	38,1	44,1	44,8	51,8	49,5	46,8	51,0
Bed linen, mln.pcs	10,5	11,1	12,0	13,3	16,1	12,4	9,2	11,5
Carpeting, thsd.sq.m	4173	5099	5631	6219	7733	7105	4731	5917
Nonwoven fabrics and nonwoven fabric articles, thsd.t	6,8	8,8	11,6	14,7	16,1	16,6	14,5	16,2
Cotton wool, viscose and other types, wool articles, thsd.t	4,9	6,1	6,7	12,1	15,1	18,8	17,6	17,3
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
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
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
Knitted outerwear, mln.pcs	3,8	4,7	4,5	5,9	4,2	4,4	3,1	3,9
Knitted underwear, mln.pcs	18,8	25,6	26,9	30,7	31,2	22,7	16,8	22,5
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
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
Suits for men and boys, thsd.pcs	1567	1860	1608	1344	1107	1000	632	514
Suits for women and girls, thsd.pcs	604	837	893	730	524	496	318	410
Warm anoraks (including ski), raincoats, windbreakers and similar products for men and boys, thsd.pcs	539	320	334	337	323	181	125	121
Windbreakers and similar products for women and girls, thsd.pcs	558	588	328	222	251	286	200	241

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009	2010
Jackets, blazers, pullovers and similar products for men and boys, thsd.pcs	1417	1615	1917	1815	1394	1081	782	878
Jackets, blazers, pullovers and similar products for women and girls, thsd.pcs	4123	4772	4644	4115	3725	2527	2036	1802
Trousers and breechers for men and boys, thsd.pcs	6504	8223	7371	6933	6436	5513	4671	4787
Trousers and breechers for women and girls, thsd.pcs	10559	10354	8519	7582	5988	5207	3255	3871
Gowns and sun-dresses for women and girls, thsd.pcs	1167	1209	1264	916	961	1046	1340	1293
Skirts and culottes for women and girls, thsd.pcs	3579	3409	2825	3042	1976	1594	1400	1159
Shirts for men and boys, thsd.pcs	3187	2792	2663	2626	2518	2165	1413	1528
Blouses, tunics, chemises for women and girls, thsd.pcs	6825	5289	4583	4280	4006	3588	2939	3284
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
Ladies' bags from different materials, thsd.pcs	939	879	771	566	1390	1480	1169	641
Belts, ammunition belts and other leather products, thsd.pcs	1,0	20,4	…[1]	…[1]	…[1]	52,2	21,4	45,1
Footwear, mln. pairs	20,3	21,7	20,5	21,2	22,5	22,2	20,4	25,7
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
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
Plywood, thsd.cub.m	114	145	173	164	178	171	109	145
Unprocessed particleboard, thsd. conventional cub.m	732	975	1150	1329	1641	1622	1295	1471
Peeled veneer, thsd.cub.m	43,5	53,6	52,7	51,9	57,6	43,8	29,6	38,8
Planed veneer, mln.sq.m	14,2	21,7	23,8	26,3	37,5	31,9	30,0	32,0
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
Panel parquet, thsd.sq.m	355	400	418	567	676	637	537	495
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
Paper for household, sanitary and hygiene purposes, thsd.t	93,4	107	111	112	122	125	120	126
Special uncoated paper and cardboard, cigarette paper not cut by size, thsd.t	249	287	318	318	385	388	363	431
Boxes, cabinets and bags from crinkled paper and cardboard, mln.sq.m	437	548	657	742	857	856	783	977
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
Wallpaper and similar coverings from paper, mln. conventional pcs	128	153	165	160	170	178	163	180
Exercise-books, mln.pcs	358	369	490	687	841	663	344	423
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
Printing books, mln. copies, 60×90 cm format	1215	1407	1621	1887	1866	2550	2072	1600
Printing newspapers published less than 4 times per week, mln. copies of 4 columns newspapers, A2 format	2852	3676	3677	4175	4018	4249	3421	3497
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

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009	2010
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
Coal-tar pitch, thsd.t	1015	1029	876	910	934	881	785	845
Primary oil processing, mln.t	21,9	22,0	18,4	14,4	13,9	10,3	10,8	10,9
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
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
Heavy fuel oil, mln.t	8,0	7,8	5,9	3,8	3,5	2,5	2,6	2,5
Lubrications, other oils, thsd.t	180	214	176	210	214	188	110	119
Liquefied propane and butane, thsd.t	722	754	766	758	824	727	733	679
Oil paraffin, thsd.t	15,7	13,9	11,0	13,0	12,2	12,2	…[1]	14,3
Oil asphalt and shore bitumen, thsd.t	386	395	448	512	577	448	349	473
Chemical and petrochemical industry								
Synthetic paints, t	4954	5717	1708	2773	4599	4713	5144	3762
Metalloids, thsd.t	151	178	206	184	192	165	106	124
Sulphuric acid, thsd.t	1133	1425	1606	1493	1657	1479	890	1296
Sodium hydroxide (soda caustic), thsd.t	160	210	209	183	135	87,8	77,9	85,6
Synthetic ammonia, thsd.t	4775	4779	5214	5147	5139	4890	3033	4163
Nitric mineral or chemical fertilisers, thsd.t	2470	2407	2633	2566	2840	2689	2166	2285
Potassium mineral or chemical fertilisers, thsd.t	…[1]	8,7	11,0	6,4	7,4	14,3	4,4	…[1]
Plastics in original forms, thsd.t	305	377	397	458	516	439	314	349
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
Polymer-based paints and varnishes dispersed or made soluble in nonwater medium, thsd.t	134	150	164	155	168	145	114	120
Antibiotics-based medicines, t	1324	1350	1331	805	863	797	857	1014
Hormone-based medicines, t	77,2	90,3	105	89,1	122	115	98,7	104
Other medicines (alkaloid-based with vitamins or provitamins, etc.), thsd.t	25,2	30,1	31,9	33,5	35,9	34,7	37,4	39,7
Immunized sera and other blood fractions, t	15,4	17,0	15,1	14,1	16,0	17,2	16,0	28,6
Contrast preparations for X-ray researches, diagnostic reagents, etc., t	13,8	20,2	21,2	21,9	27,5	28,0	27,7	32,9
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
Preparations for cleaning surfaces sold through retail, t	2271	2310	2338	1441	2680	2479	2703	3138
Detergents and cleansers for retail, thsd.t	144	161	176	184	195	196	189	208
Lustre preparations, t	2348	1877	1147	1686	1662	1651	1141	1462
Tooth pastes and tooth powders, t	522	675	390	327	335	278	383	358
Chemical fibres, thsd.t	30,7	36,6	40,1	39,9	40,3	34,8	15,7	15,6
Tyres, total, thsd.pcs	6594	7940	7531	9245	7411	6631	4805	5430
of which								
for trucks and buses, air transport	…[1]	901	1053	866	824	662	301	225
for agricultural, forestry machinery and other equipment	320	844	946	3120	2597	1943	1434	1698
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
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	92,6

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009	2010
Production of other non-metallic mineral products								
Cast, rolled, blown or stretched, sheet or sectioned glass, mln.sq.m	7,6	9,1	8,7	…[1]	…[1]	…[1]	…[1]	…[1]
Multiple-layer insulating units of glass, thsd.sq.m	203	395	909	1709	2286	3038	1944	2712
Glass preserving jars (in terms of 0,5 litre), mln.pcs	922	1003	840	863	1045	799	654	533
Glass containers for beverages and foodstuffs, mln.pcs	1216	1604	1950	2196	2417	2932	2176	2444
Tableware, kitchenware, other household chinaware, mln.pcs	96,0	102	99,3	79,1	57,8	32,1	21,5	21,1
Refractory products, thsd.t	1167	1352	1290	1116	1128	948	581	786
Ceramic slabs and tiles, mln.sq.m	12,9	17,0	20,6	22,1	28,6	41,3	44,3	51,9
Cement, mln.t	8,9	10,6	12,2	13,7	15,0	14,9	9,5	9,5
Lime, thsd.t	4962	5302	5342	5450	5688	5128	4101	4241
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
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
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
Corrugated sheets, slates and similar asbestos and cement products, mln. conventional plates	733	716	811	748	632	599	389	450
Articles of acphalt or similar material in rolls, mln.sq.m	46,2	50,7	56,2	56,6	55,5	50,4	33,9	45,3
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	965
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
Ferroalloy, mln.t	1,7	2,0	1,7	1,8	2,0	1,7	1,2	1,7
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
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
Finished rolled ferrous metals, mln.t	22,5	23,2	22,7	22,4	24,5	20,5	16,1	17,6
of which								
flat and hot rolled stock of alloyed and non-alloyed steel (excluding stainless and high-speed)	9,4	10,3	10,5	10,2	10,8	9,1	7,2	7,8
rods and bars (not crooked), angle bars, and shaped and special hot rolled sections of alloyed and non-alloyed steel (excluding stainless and high-speed)	5,8	5,9	5,5	5,8	6,4	5,5	3,8	4,7
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
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
Steel wire, mln.t	0,4	0,6	0,5	0,5	0,6	0,5	0,4	0,4
Prefabricated construction metal elements, thsd.t	78,4	114	102	127	151	151	103	87,1
Other structures, parts of structures, plates, panels and similar products of iron or aluminium, thsd.t	493	503	533	536	651	639	336	448
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
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
Central heating boilers, thsd.pcs	151	280	371	427	348	329	215	266

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009	2010
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
Thread products from ferrous metals, thsd.t	34,7	43,8	50,5	50,2	53,6	48,6	33,2	49,0
Engineering								
Linear acting hydraulic and pneumatic power engines and motors, thsd.pcs	183	257	326	401	496	662	248	768
Rotary positive displacement pumps, thsd.pcs	1216	1269	1137	1079	1251	1196	794	1027
Aligned pumps for liquids, liquid elevators, thsd.pcs	544	542	464	455	443	273	235	254
Ovens and electric ovens for confectioneries, pcs	224	390	349	215	533	514	267	215
Bridge cranes on fixed bearings, pcs	95	141	102	232	235	200	89	86
Other cranes (portable and bridge gantries, dockside cranes, marine derrick cranes), pcs	285	272	322	311	352	372	164	173
Conveyors and elevators, pcs	3074	4324	5203	5679	6550	5495	3689	4161
Industrial refrigerating and freezing equipment and heat pumps, thsd.pcs	107	141	146	170	173	153	109	215
Tractors for agriculture and forestry, pcs	4556	5806	5543	3703	5282	6339	1445	5189
Moldboard plows, pcs	4285	5192	3058	2542	3025	7064	5336	4684
Disk harrows, pcs	2090	4101	4520	4421	5751	5517	1084	4825
Spike-tooth harrows, thsd.pcs	10,0	17,3	20,4	13,8	18,6	26,4	5,0	5,5
Rippers and cultivators, thsd.pcs	7,7	8,9	8,0	11,5	9,2	10,4	4,6	6,4
Seeding machines, thsd.pcs	8,0	9,9	11,3	9,0	7,1	9,9	2,5	3,8
Mowing machines, thsd.pcs	1,5	3,1	3,8	3,2	3,1	3,4	1,6	1,8
Grain harvester combines, pcs	101	305	308	…[1]	137	309	56	97
Sugar beets harvesters and machinery for trimming sugar tops, pcs	398	109	88	201	18	…[1]	—	…[1]
Machines and mechanisms for feed preparation, thsd.pcs	47,2	66,3	107	101	72,8	87,4	166	187
Lathes, grinders, drillers, milling machines, pcs	378	496	409	289	336	307	97	76
Presses and forge machines, pcs	298	165	99	161	160	116	44	46
Lathes for wood processing, pcs	3743	4165	3722	3554	3160	2466	1419	1409
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
Rollers for rolling mills, thsd.pcs	…	…	11,0	17,6	20,0	19,7	6,4	9,3
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
Boring and sinking machines, pcs	1047	2601	3203	3456	3145	2684	1061	1764
Front bucket loaders, special loaders for underground work, pcs	28	9	23	38	15	17	6	34
Excavating machines, pcs	378	599	584	813	1044	921	143	114
Concrete mixers and mortar mixers, pcs	1567	2530	2861	6248	10286	11314	4773	7554
Machines and equipment for production of bakery products, pcs	9302	7426	6689	4848	3552	3431	2668	2817
Machines and equipment for producing confectionery, cocao or chocolate, pcs	291	245	374	1079	1793	1245	504	677
Machines and equipment for sugar production, pcs	388	441	543	1018	1768	447	222	606
Machines and equipment for processing meat and poultry, pcs	1103	509	489	6605	7016	7346	6662	8378
Refrigerators and deep freezers combined with separate outer doors, thsd.pcs	504	581	711	731	824	557	325	412
Domestic refrigerators, thsd.pcs	284	269	242	338	310	222	157	164
Washing machines, thsd.pcs	251	345	322	208	173	230	164	167

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009	2010
Domestic fans, thsd.pcs	666	952	1478	1947	2210	2831	2317	2883
Domestic vacuum cleaners, thsd.pcs	66,4	53,3	37,5	9,2	1,2	…[1]	—	—
Appliances for cutting foodstaffs, mixers and squeezers, thsd.pcs	67,6	78,3	90,6	54,6	70,8	61,1	62,0	…[1]
Domestic electric irons, thsd.pcs	138	95,1	49,8	…[1]	…[1]	—	—	—
Electric ranges, cooking boilers and domestic mantelpieces for heating up meals, thsd.pcs	299	404	493	458	344	472	419	415
Dc motors and dc generators, thsd.pcs	140	119	148	290	327	91,8	53,0	79,1
Ac motors and ac generators, universal motors, thsd.pcs	873	1155	913	706	670	602	460	592
Electric transformers, mln.pcs	8,4	8,0	7,9	13,1	19,5	17,4	12,1	4,0
High-Tension electrical facilities, thsd.pcs	350	478	682	613	573	399	529	544
Low-Tension electrical facilities, mln.pcs	82,9	80,6	69,5	78,5	75,9	67,4	51,2	52,8
Winding insulated wire, thsd.t	7,9	9,6	10,9	12,0	15,4	17,0	10,4	11,5
Low-voltage electric wires and cables with 1000 voltage and less, thsd.km	382	421	479	481	591	562	384	510
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
Electric lamps, mln.pcs	219	263	254	255	240	203	165	197
Semiconductor items, mln.pcs	47,2	18,3	28,7	32,1	25,6	24,3	24,9	24,9
TV sets, thsd.pcs	415	443	651	431	507	558	238	69,3
Instruments for measuring physical or chemical analysis, thsd.pcs	3948	5132	5613	7104	8136	8928	5359	9651
Wattmeters including calibrating, thsd.pcs	638	1066	946	1094	1317	1624	1586	1726
Devices and facilities for automatic regulation and management, thsd.pcs	334	620	1093	1577	1887	1715	363	135
Motor cars, thsd.pcs	98,3	174	192	267	380	402	65,7	75,3
Trucks, thsd.pcs	4,7	10,9	14,0	12,1	11,4	11,8	2,5	4,9
Buses, pcs	2558	2598	4655	7660	9127	10188	1502	2723
Trolley-buses, pcs	35	80	58	121	241	154	24	74
Rail locomotives and tenders for locomotives, pcs	61	124	107	73	90	147	42	126
Nonself-propelled trucks, thsd.pcs	22,7	23,0	21,6	19,9	31,5	30,2	12,7	39,6
Truck cranes, pcs	126	235	382	506	812	699	…[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
Bicycles, thsd.pcs	281	250	312	392	373	381	162	111
Production of furniture								
Special furniture for sitting (mainly with metal frame), thsd.pcs	3100	4266	5180	5614	7096	6563	3841	4784
Furniture for sitting (mainly with wood frame), thsd.pcs	1177	1498	1819	1972	2059	1999	1424	1516
Office furniture, furniture for retail trade enterprises, thsd.pcs	1103	1672	1520	1885	2096	2095	969	1487
Kitchen furniture, thsd.pcs	251	349	423	489	707	921	659	873
Wood furniture for furnishing quarter interior, thsd.pcs	1045	1237	1665	1771	1940	2122	1321	1528

[1] See the footnote to Table 7.16
[2] Excluding restaurants and trade
[3] Including mixtures of butter and vegetable oil

7.20. Per capita basic foodstuffs production

(kg)

	2003	2004	2005	2006	2007	2008	2009	2010
Fresh (fresh-killed) or cooled beef and veal	3,9	3,0	3,0	3,3	3,4	2,8	2,0	1,9
Frozen beef and veal	2,0	1,2	1,1	0,9	1,3	0,9	0,6	0,5
Fresh (fresh-killed) or cooled pork	1,7	1,6	1,7	2,8	3,9	3,4	2,8	3,6
Frozen pork	0,4	0,3	0,4	0,5	0,5	0,3	0,1	0,2
Fresh or cooled meat and high quality poultry offal	2,7	4,2	5,8	7,0	9,9	12,4	14,1	15,0
Frozen meat and high quality poultry offal	0,8	0,8	1,2	1,9	1,9	1,8	2,0	2,0
Sausages	5,7	7,0	6,6	6,4	7,1	7,3	5,9	6,1
Ready-to-cook meat products (including poultry)[1]	1,5	4,6	3,0	3,2	3,8	2,0	1,6	2,1
Natural juice (including orange)	5,0	5,2	6,1	6,8	9,6	9,1	6,3	6,7
Canned natural vegetables	1,9	2,1	3,2	3,4	2,2	3,0	3,2	2,6
Jams, fruit jéllies, fruit or nut purées and pastes	1,5	1,3	2,0	1,7	1,8	2,0	1,4	1,2
Unrefined sunflower seed oil	26,3	28,3	29,3	44,5	47,9	40,4	60,7	66,1
Margarine and similar products	5,2	5,9	6,4	6,6	6,8	6,8	7,7	7,9
Processed skimmed milk	13,5	15,1	18,3	17,5	18,6	17,5	16,7	17,5
Cream fat content more than 8%	0,2	0,5	0,5	0,3	0,3	0,4	0,3	0,4
Butter	2,9[2]	2,4	2,5	2,2	2,2	1,8	1,6	1,7
Fat spreads and mixtures	…	1,1	1,7	1,5	1,8	1,8	1,6	1,4
Non-fermented fresh cheese and sour milk curd	1,2	1,5	1,8	2,0	2,0	2,0	1,8	1,7
Cheese with high fat content	3,6	4,7	5,8	4,6	5,3	5,1	4,9	4,5
Sour milk products	8,9	9,9	10,6	11,2	11,4	11,5	10,7	10,4
Bread and flour products	48,8	48,6	48,1	46,2	43,7	42,8	39,7	39,4
Granulated sugar	52,0	45,2	45,4	55,4	40,1	34,0	27,7	39,3
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
Sugar confectionery (including white chocolate) without cocoa content	6,1	6,5	6,1	5,2	5,5	5,4	5,8	5,5
Macaroni products without filling and heat processing	2,3	2,1	2,2	2,3	2,3	2,4	2,3	2,5
Natural mineral spring waters, L	1,3	1,6	3,1	3,4	6,6	7,6	6,2	6,8
Natural mineral fizzy waters, L	16,6	16,3	21,3	24,5	28,0	25,9	22,1	24,4
Soft drinks, L	26,1	29,6	35,9	37,7	42,0	37,3	32,0	32,3

[1] See the second footnote to Table 7.19
[2] See the third footnote to Table 7.19

7.21. Output of dairy products, by type

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010
Milk and powder cream	88,5	106	113	106	125	94,8	66,7	68,8
Non-fermented fresh cheese and sour milk curd	57,7	71,3	83,5	93,2	92,6	91,9	84,8	78,5
including								
products from non-fat sour milk curd	11,5	12,8	19,3	17,8	17,7	18,8	16,9	12,3
products from fat sour milk curd	46,2	58,4	63,9	75,2	75,0	72,5	67,4	61,7
High fat cheese	173	224	274	217	246	236	224	207
including								
rennet cheese	142	181	224	167	197	197	200	186
including								
hard	134	174	216	161	191	191	194	179
soft	2,2	1,8	1,8	1,8	2,0	1,8	1,5	2,0
brine	4,0	3,4	4,0	3,4	2,9	3,5	3,4	3,2
spread, not grated and not in powder	31,3	42,7	50,2	50,1	48,7	38,8	23,5	21,2
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
Ice-cream and edible ice	112	117	125	121	131	125	108	115

7.22. Output of sausages, by type

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010
Total	**271**	**332**	**309**	**301**	**330**	**335**	**272**	**281**
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
boiled sausages, frankfurters	179	235	205	191	210	215	178	183
semi-smoked sausages	44,0	49,6	52,8	55,5	56,6	59,8	49,8	51,3
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
smoked and baked sausages	6,1	4,6	4,9	5,5	7,2	8,0	6,5	6,0

7.23. Output of alcoholic beverages and tobacco products

(mln.dal)

	2003	2004	2005	2006	2007	2008	2009	2010
Vodka and other strong alcoholic drinks	26,7[1]	40,3[1]	35,1	35,5	37,2	40,0	42,3	42,5
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]
Grape wine	15,3	15,4	16,4	17,1	19,5	21,0	23,1	29,6
Wine “Champagne”	3,3	4,0	4,4	4,5	4,5	4,0	4,2	4,2
Brandy	1,6	2,0	2,4	2,8	3,6	3,9	3,1	3,5
Beer	170	194	238	268	316	320	300	310
Cigarettes with tobacco content or tobacco mixtures with tobacco substitutes, bln.pcs	96,8	109	120	120	129	130	114	103

[1] Including low-alcohol beverages

7.24. Output of confectionery products, by type

(thsd.t)

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

7.25. Output of sausages, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine[1]	**271,0**	**331,7**	**308,8**	**300,8**	**330,3**	**335,5**	**272,2**	**280,9**
Autonomous Republic of Crimea	2,6	2,7	3,7	5,3	7,7	14,4	16,7	20,4
oblasts								
Vinnytsya	7,4	5,5	4,9	7,9	8,5	8,8	4,7	4,9
Volyn	13,4	17,0	13,9	15,1	17,3	21,3	16,9	14,8
Dnipropetrovsk	30,3	39,6	46,0	52,9	56,3	55,4	43,1	44,0
Donetsk	59,2	100,9	67,7	31,3	34,7	31,7	30,6	35,4
Zhytomyr	3,1	4,3	4,2	5,1	5,6	6,5	7,2	8,4
Zakarpattya	1,2	0,9	0,8	0,8	0,8	0,6	…[2]	…[2]
Zaporizhzhya	13,3	11,3	9,4	8,0	7,3	7,3	8,5	11,5
Ivano-Frankivsk	2,4	3,0	3,2	3,9	4,0	3,4	2,4	2,4
Kyiv	17,9	22,3	23,7	25,1	28,3	23,8	15,0	10,1
Kirovohrad	11,2	11,8	14,6	16,4	19,0	20,0	17,3	18,8
Luhansk	19,6	18,5	19,6	22,1	23,9	22,6	17,6	17,3
Lviv	3,3	3,5	3,6	3,6	3,9	4,3	3,7	5,1
Mykolayiv	2,7	2,9	2,6	3,1	3,1	3,5	2,6	2,4
Odesa	7,0	8,2	8,6	10,4	11,1	10,3	7,9	7,7
Poltava	16,4	17,6	20,3	21,8	24,2	26,8	25,8	32,7
Rivne	2,4	2,4	3,0	4,3	5,2	5,9	3,9	2,9
Sumy	6,1	5,6	5,0	4,2	4,5	4,2	1,8	1,2
Ternopil	7,0	4,2	1,2	3,1	3,3	2,0	1,2	1,2
Kharkiv	11,1	11,9	12,9	19,3	24,3	27,3	22,9	20,0
Kherson	0,7	0,3	0,3	0,2	0,2	0,2	…[2]	…[2]
Khmelnytskiy	5,5	5,3	6,0	6,4	7,8	8,2	6,1	6,0
Cherkasy	6,3	5,5	5,1	5,1	5,2	5,0	2,4	2,2
Chernivtsi	6,8	5,5	6,5	8,0	8,4	9,4	6,4	6,5
Chernihiv	3,1	3,2	3,1	3,0	3,0	2,9	2,2	1,6
cities								
Kyiv	10,6	16,6	16,4	10,6	8,2	6,5	3,0	1,4
Sevastopol	0,7	1,1	2,5	3,6	4,2	3,1	…[3]	…[3]

[1] Here and elsewhere (Tables 7.26–7.32, 7.34) the difference between the sum and its components is explained by data rounding

[2] Here and elsewhere (Tables 7.26–7.30, 7.34) 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 7.16

7.26. Output of unrefined sunflower seed oil, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**1256,9**	**1342,8**	**1382,4**	**2079,8**	**2228,4**	**1867,3**	**2795,9**	**3029,6**
of which								
Autonomous Republic of Crimea	2,3	2,9	1,4	2,2	1,2	0,4	0,5	0,2
oblasts								
Vinnytsya	61,7	45,2	37,7	66,3	77,9	65,4	106,8	108,8
Volyn	0,0	0,0	0,0	0,0	…[1]	…[1]	…[1]	—
Dnipropetrovsk	126,8	100,3	96,5	175,0	190,0	181,6	202,5	210,0
Donetsk	293,5	296,5	296,6	374,3	406,6	240,4	414,2	387,7
Zhytomyr	0,3	0,1	0,1	0,1	0,0	0,0	0,0	0,0
Zakarpattya	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
Ivano-Frankivsk	…[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
Kirovohrad	109,5	116,6	160,2	216,1	226,1	213,9	309,3	353,7
Luhansk	63,9	67,2	56,2	75,6	96,7	81,7	113,8	64,4
Lviv	0,3	…[1]	…[2]	…[1]	…[1]	…[1]	…[1]	…[1]
Mykolayiv	3,6	45,8	29,8	59,7	59,6	25,4	69,3	84,9
Odesa	99,1	94,5	128,1	192,9	184,9	147,6	320,2	375,8
Poltava	78,9	87,1	88,4	126,2	123,9	117,8	128,0	187,9
Rivne	…[1]	0,3	1,1	0,3	0,1	…[1]	0,0	…[1]
Sumy	0,8	0,6	2,1	3,8	5,1	3,0	4,9	3,3
Ternopil	…[1]	…[1]	…[2]	…[1]	…[1]	—	…[1]	0,2
Kharkiv	134,8	127,4	133,6	191,9	244,2	277,7	335,1	347,1
Kherson	5,6	5,7	33,8	168,3	177,2	111,4	197,7	181,2
Khmelnytskiy	0,1	0,1	0,1	0,0	0,2	0,1	0,2	0,1
Cherkasy	4,4	4,5	4,5	4,3	2,8	2,5	20,0	73,8
Chernivtsi	31,7	35,2	15,7	38,3	41,1	18,5	51,4	51,1
Chernihiv	4,6	3,9	3,4	3,3	4,4	1,3	4,3	6,6
city								
Sevastopol	…[1]	—	—	—	…[1]	…[1]	…[1]	…[1]

[1] See the footnote to Table 7.16
[2] See the second footnote to Table 7.25

7.27. Output of processed skimmed milk, by region

(thsd.t)

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

[1] See the footnote to Table 7.16
[2] See the second footnote to Table 7.25

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

(thsd.t)

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

[1] See the second footnote to Table 7.25
[2] See the footnote to Table 7.16

7.29. Output of sour milk products, by region

(thsd.t)

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

[1] See the footnote to Table 7.16
[2] See the second footnote to Table 7.25

7.30. Output of flour, by region

(thsd.t)

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

[1] See the second footnote to Table 7.25
[2] See the footnote to Table 7.16

7.31. Output of bread and flour products, by region

(thsd.t)

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

7.32. Output of granulated sugar, by region

(thsd.t)

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

[1] See the footnote to Table 7.16

7.33. Per capita output of basic products of light industry

	2003	2004	2005	2006	2007	2008	2009	2010
Textiles, sq.m	1,6	2,3	2,4	2,1	2,5	2,4	1,9	1,9
of which								
cotton	0,7	1,0	1,1	0,9	1,1	1,0	0,7	0,7
wool	0,1	0,2	0,2	0,2	0,2	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
those made of chemical fibres	0,6	0,8	0,9	1,0	1,1	1,1	1,0	1,1
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
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
Knitted outerwear, pcs	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
Footwear, pairs	0,4	0,5	0,4	0,5	0,5	0,5	0,4	0,6

[1] See the footnote to Table 7.16

7.34. Output of footwear, by region

(thsd. pairs)

	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**20343**	**21700**	**20500**	**21211**	**22498**	**22246**	**20427**	**25686**
Autonomous Republic of Crimea	61,5	55,4	26,5	21,1	27,6	20,6	18,0	10,1
oblasts								
Vinnytsya	…[1]	1,7	…[1]	…[1]	2,9	…[1]	…[1]	…[1]
Volyn	49,4	42,5	…[1]	62,6	…[1]	…[1]	…[1]	…[1]
Dnipropetrovsk	453	433	298	150	160	146	130	163
Donetsk	376	652	667	671	690	690	722	826
Zhytomyr	4028	3832	4165	4601	4838	5029	5233	5826
Zakarpattya	275	477	185	293	303	55,4	72,3	192
Zaporizhzhya	85,4	42,4	107	210	198	204	184	263
Ivano-Frankivsk	3,1	1,1	0,9	…[1]	…[1]	—	—	—
Kyiv	203	504	575	937	1408	1369	945	1285
Kirovohrad	152	207	69,3	109	17,8	16,9	17,1	9,3
Luhansk	386	354	284	348	105	138	60,1	46,8
Lviv	1905	1293	1382	817	883	901	897	1036
Mykolayiv	35,6	61,1	66,7	64,2	41,0	65,6	61,6	60,9
Odesa	89,4	379	73,7	44,9	1523	2624	2743	3945
Poltava	222	87,6	283	326	161	185	35,2	82,4
Rivne	0,6	2,0	0,5	…[1]	…[1]	0,6	…[1]	…[1]
Sumy	1355	1152	1206	1635	1669	1777	…[1]	…[1]
Ternopil	164	427	392	291	18,0	…[1]	…[1]	37,0
Kharkiv	401	432	410	597	573	532	326	421
Kherson	…[2]	…[1]	…[1]	…[1]	…[1]	—	—	—
Khmelnytskiy	2185	3370	3926	3846	4415	3907	3676	4608
Cherkasy	69,7	63,7	97,5	79,3	156	54,4	56,5	57,0
Chernivtsi	3578	4232	2986	2731	2823	2811	2219	2535
Chernihiv	512	625	707	877	938	913	835	997
cities								
Kyiv	3741	2960	2524	2488	1462	717	556	1167
Sevastopol	—	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]

[1] See the footnote to Table 7.16
[2] See the second footnote to Table 7.25

7.35. Output of pipes and hollow shapes from ferrous metals

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010
Total	**2136**	**2127**	**2399**	**2761**	**2811**	**2542**	**1742**	**1957**
including								
pipes, tubes, hollow seamless shapes from cast iron excluding foundary iron and steel	1007	1003	1190	1334	1329	1163	522	850
of which								
boring casing, pumping and compressor pipes, sand drill pipes for oil and gas well-boring	255	275	335	358	359	340	199	295
hot strained plane steel pipes including pipes for general use and underseal pipes, other	602	541	647	738	737	625	246	431
seamless light-wall tubing	20,1	22,6	27,1	27,0	20,1	17,1	8,1	10,3
cold-grawn pipes or cold rolled pipes of round cut from carbon steel	69,2	67,6	81,7	92,0	75,2	57,7	21,6	34,8
hollow sections made of ferrous metals	18,8	39,1	26,3	25,1	28,4	25,9	3,9	3,9
welded or riveted pipes	1129	1125	1209	1428	1482	1379	1220	1107
of which								
welded and riveted pipes and tubes or connected in similar way, round cut, outer diameter more than 406,4 mm	484	465	546	585	503	395	…[1]	313
opened seam welded and riveted pipes and hollow shapes or connected in similar way, outer diameter of 406,4 mm and less	645	660	662	842	977	983	697	793

[1] See the footnote to Table 7.16

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 products of crop and animal production obtained from sown 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, and livestock and poultry growth obtained as a result of breeding and feeding. Production is estimated at comparable prices and calculated as average weighted prices for marketable and non-marketable part of agricultural production. Comparable prices are the 2005 average prices.

Agricultural enterprise is a legal entity, including farms that performs economic activity in agriculture for the purpose of obtaining income (profit). Tables 8.2, 8.11 and 8.12 give data on the number of operating enterprises by basic type of activity. In other tables, agricultural enterprises are enterprises that are defined as legal entities or their independent units which are engaged in agricultural production.

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.

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 includes 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 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.

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, etc.) 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, through stock exchanges, auctions, etc.

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.

8.1. Agriculture, hunting and forestry in the economy

(percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Share of gross value added of agriculture, hunting and forestry in the total gross value added	16,3	14,6	12,1	11,9	10,4	8,6	7,5	7,9	8,3	8,2[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	8,2[1]
Value of agriculture, hunting and forestry fixed assets as percent to the total fixed assets value	10,2	8,9	7,6	6,6	6,0	4,8	3,9	3,1	2,6	1,7
Number of agricultural, hunting and forestry employees as percent to the total employees	17,1	15,3	13,1	11,3	10,0	8,8	7,6	6,9	6,6	6,2

[1] Preliminary data

8.2. Operating enterprises in 2010, 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	**56493**	**100,0**	**731**	**100,0**	**571**	**100,0**
Business partnerships	7769	13,8	101	13,8	317	55,5
Private enterprises	4243	7,5	74	10,1	158	27,7
Producers' cooperatives	952	1,7	13	1,8	13	2,3
Farms	41726	73,8	—	—	—	—
Public enterprises	322	0,6	340	46,5	10	1,8
Enterprises of other forms of business	1481	2,6	203	27,8	73	12,7

AGRICULTURE

8.3. Agricultural production

(at comparable prices of 2005; mln. UAH)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Agricultural production	**145875**	**94795**	**77889**	**77271**	**92531**	**92586**	**94895**	**88769**	**103978**	**102093**	**100536**
Crop output	**66560**	**49371**	**43573**	**41105**	**55638**	**53976**	**54909**	**49718**	**64899**	**61545**	**58678**
Grain crops	21303	13357	10096	8266	18012	16158	14746	12297	22397	19444	16416
Industrial crops	11992	8033	5632	6153	6613	7873	10152	8532	12226	10667	11732
Potatoes, vegetables and cucurbitaceous crops	16607	16676	20811	20071	23911	23062	24172	22249	23809	24723	23928
Fruit, berries and grapes	6238	3835	3566	3855	4087	4220	2905	3546	3754	4002	4139
Feed crops	9097	5150	2535	2173	2354	2208	2055	1853	1988	1844	1762
Other products and change in work-in-progress	1323	2320	933	587	661	455	879	1241	725	865	701
Livestock product	**79315**	**45424**	**34316**	**36166**	**36893**	**38610**	**39986**	**39051**	**39079**	**40548**	**41858**
Cattle and poultry	46613	22567	16881	16916	17073	18288	19876	20197	20460	21811	23245
Milk	25023	18029	13325	14396	14617	14552	14089	13011	12470	12319	11965
Eggs	4812	2834	2670	3477	3665	3983	4345	4293	4566	4856	5205
Wool	165	78	16	16	15	15	15	16	17	19	19
Other products	2702	1916	1424	1361	1523	1772	1661	1534	1566	1543	1424

8.4. Agricultural production, by category of enterprises

(at comparable prices of 2005; mln. UAH)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Agricultural enterprises											
Agricultural production	**101299**	**48626**	**26478**	**23438**	**32914**	**33803**	**37008**	**35440**	**47865**	**45781**	**45149**
Crop output	49914	27268	17820	13937	22644	21732	23200	20658	32136	28499	26444
Livestock product	51385	21358	8658	9501	10270	12071	13808	14782	15729	17282	18705
of which farms											
Agricultural production	**…**	**583**	**1308**	**1804**	**3151**	**3425**	**4097**	**3477**	**5921**	**5075**	**5013**
Crop output	…	453	1156	1592	2924	3102	3660	2885	5263	4394	4253
Livestock product	…	130	152	212	227	323	437	592	658	681	760
Agricultural holdings of households											
Agricultural production	**44576**	**46169**	**51411**	**53833**	**59617**	**58783**	**57887**	**53329**	**56113**	**56312**	**55387**
Crop output	16646	22103	25753	27168	32994	32244	31709	29060	32763	33046	32234
Livestock product	27930	24066	25658	26665	26623	26539	26178	24269	23350	23266	23153

8.5. Agricultural production, by region

(at comparable prices of 2005; mln. UAH)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**145875**	**94795**	**77889**	**77271**	**92531**	**92586**	**94895**	**88769**	**103978**	**102093**	**100536**
Autonomous Republic of Crimea	6573	3489	2848	2577	2907	3066	3155	3577	4236	4429	4239
oblasts											
Vinnytsya	8728	5872	4668	4302	5028	5152	5448	5048	6368	6159	6163
Volyn	4575	2731	2500	2630	2870	2872	2826	2903	2951	2960	3014
Dnipropetrovsk	7661	5277	4197	4337	5286	5652	5937	5118	6691	6361	6426
Donetsk	7375	4833	4160	3859	5153	5268	4987	4525	5155	4946	5035
Zhytomyr	5798	3987	2988	2901	3245	3171	3216	2983	3206	3297	3293
Zakarpattya	2363	1881	1834	2138	2124	2103	2096	2077	2143	2215	2153
Zaporizhzhya	6114	3643	2897	2475	3403	3598	3805	3005	4011	3527	3601
Ivano-Frankivsk	3113	2524	2275	2366	2419	2404	2462	2530	2358	2557	2572
Kyiv	8172	5840	4382	4831	5465	5843	6376	6418	6763	6627	6588
Kirovohrad	5504	3487	2658	2986	3756	3731	3781	2728	4147	3695	3767
Luhansk	4829	2796	1984	2110	2453	2958	2811	2605	3091	2704	2459
Lviv	5912	3944	3958	4071	4126	4058	4265	4293	4300	4371	4181
Mykolayiv	4927	2867	2019	2064	3176	2811	3076	1903	3400	3408	3439
Odesa	6773	3965	3921	3788	5395	4472	4668	2902	4662	4238	4641
Poltava	7545	4992	3265	3520	4582	4792	4964	5069	5730	5700	5095
Rivne	4270	2840	2412	2515	2813	2633	2757	2836	2900	2902	2958
Sumy	5840	3670	2954	2824	3085	2966	2869	2960	3182	3162	2843
Ternopil	4845	3219	2667	2454	2704	2672	2893	2997	3054	3105	2942
Kharkiv	7763	5057	4310	4332	5145	5539	5042	5204	5612	4980	4413
Kherson	5307	2954	2830	2328	3280	3287	3479	2800	3992	4027	4149
Khmelnytskiy	6397	4484	3672	3296	3993	3494	3613	3909	4033	4190	4172
Cherkasy	6492	4319	3735	3650	4447	4731	4995	4765	6211	6753	7045
Chernivtsi	2642	1888	1662	1640	1840	1863	1882	1984	2001	2064	2129
Chernihiv	6359	4237	3096	3277	3837	3452	3492	3630	3781	3716	3219

8.6. Share of the household holdings in agricultural production

(percent)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Agricultural production	**30,6**	**48,7**	**66,0**	**69,7**	**64,4**	**63,5**	**61,0**	**60,1**	**54,0**	**55,2**	**55,1**
Crop output	**25,0**	**44,8**	**59,1**	**66,1**	**59,3**	**59,7**	**57,7**	**58,5**	**50,5**	**53,7**	**54,9**
Grain crops	2,8	8,1	18,4	27,9	24,2	24,3	25,0	22,0	21,0	22,1	24,2
Sugar beet (for processing)	0,0	2,6	12,2	22,6	23,1	21,5	15,1	13,0	12,2	9,1	7,9
Sunflower	2,4	4,4	12,5	15,9	21,1	21,2	21,9	19,2	19,0	18,7	17,5
Potatoes	71,4	95,8	98,6	98,6	98,7	98,8	98,6	98,0	97,8	97,4	97,4
Vegetables	26,9	72,7	83,1	87,3	89,0	89,3	87,9	89,6	86,1	86,6	88,1
Fruits and berries	53,6	83,6	81,8	76,0	88,6	88,2	87,8	86,5	84,6	86,7	83,6
Grapes	20,5	26,5	30,0	35,8	43,3	41,8	48,5	34,7	32,0	33,9	36,3
Livestock product	**35,2**	**53,0**	**74,8**	**73,7**	**72,2**	**68,7**	**65,5**	**62,1**	**59,7**	**57,4**	**55,3**
Meat (slaughter weight)	28,9	51,7	73,7	69,3	67,9	63,2	57,3	51,9	48,6	46,1	44,9
Milk	24,1	45,1	70,9	80,3	81,8	81,0	81,2	82,1	82,2	81,0	80,4
Eggs	37,8	55,6	66,2	56,1	53,7	50,5	46,4	45,9	43,4	41,8	39,9
Wool	11,1	30,2	61,8	72,7	75,0	78,1	78,8	79,4	78,4	80,5	83,3

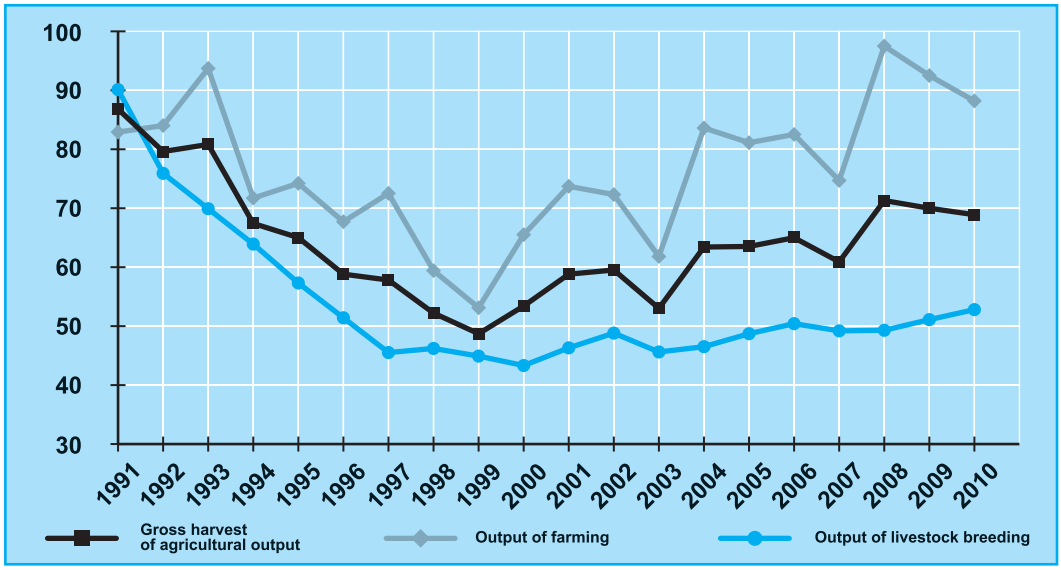
8.7. Per capita output of agricultural products

(kg)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Agricultural production, UAH	**2811**	**1840**	**1584**	**1616**	**1950**	**1966**	**2028**	**1909**	**2248**	**2217**	**2192**
Crop output, UAH	**1283**	**958**	**886**	**860**	**1173**	**1146**	**1173**	**1069**	**1403**	**1336**	**1279**
Grain crops	983	659	497	423	881	807	732	630	1152	999	856
Sugar beet	853	576	268	280	350	328	479	365	290	219	300
Sunflower	50	56	70	89	64	100	114	90	141	138	148
Potatoes	322	286	403	386	437	413	416	411	423	427	408
Vegetables	128	114	118	137	147	155	172	147	172	181	177
Fruits and berries	56	37	30	35	35	36	24	32	33	35	38
Grapes	16	9	10	11	8	9	6	8	9	10	9
Livestock product, UAH	**1528**	**882**	**698**	**756**	**777**	**820**	**855**	**840**	**845**	**881**	**913**
Meat (slaughter weight)	84,0	44,5	33,8	36,1	33,7	33,9	36,8	41,1	41,2	41,6	44,9
Milk	472,3	335,3	257,4	285,7	288,9	291,1	284,0	263,6	254,3	252,1	245,2
Eggs, pcs	314	183	179	240	252	277	304	302	323	345	372

8.8. Agricultural production indices

(percent of 1990)



8.9. Agricultural production indices, by category of enterprises

(percent)

	Enterprises of all categories			Including					
				agricultural enterprises			agricultural holdings of the household		
	gross output	of which		gross output	of which		gross output	of which	
		crop output	livestock product		crop output	livestock product		crop output	livestock product
	1990 = 100								
1995	65,0	74,2	57,3	48,0	54,6	41,6	103,6	132,8	86,2
2000	53,4	65,5	43,3	26,1	35,7	16,8	115,3	154,7	91,9
2001	58,8	73,7	46,3	31,5	44,6	18,7	120,9	161,0	97,1
2002	59,5	72,3	48,8	30,9	41,4	20,8	124,4	165,0	100,2
2003	53,0	61,8	45,6	23,1	27,9	18,5	120,8	163,2	95,5
2004	63,4	83,6	46,5	32,5	45,4	20,0	133,7	198,2	95,3
2005	63,5	81,1	48,7	33,4	43,5	23,5	131,9	193,7	95,0
2006	65,1	82,5	50,4	36,5	46,5	26,9	129,9	190,5	93,7
2007	60,9	74,7	49,2	35,0	41,4	28,8	119,6	174,6	86,9
2008	71,3	97,5	49,3	47,3	64,4	30,6	125,9	196,8	83,6
2009	70,0	92,5	51,1	45,2	57,1	33,6	126,3	198,5	83,3
2010	68,9	88,2	52,8	44,6	53,0	36,4	124,3	193,6	82,9
	To the previous year								
1995	96,4	103,5	89,7	91,0	97,8	83,6	102,8	111,5	95,9
2000	109,8	123,2	96,4	95,0	104,4	80,1	119,3	140,7	103,5
2001	110,2	112,6	107,0	120,4	125,0	110,9	104,9	104,1	105,7
2002	101,2	98,0	105,3	98,3	92,7	111,2	102,9	102,5	103,2
2003	89,0	85,4	93,5	74,8	67,5	89,0	97,1	98,9	95,3
2004	119,7	135,4	102,0	140,4	162,5	108,1	110,7	121,4	99,8
2005	100,1	97,0	104,7	102,7	96,0	117,5	98,6	97,7	99,7
2006	102,5	101,7	103,6	109,5	106,8	114,4	98,5	98,3	98,6
2007	93,5	90,5	97,7	95,8	89,0	107,1	92,1	91,6	92,7
2008	117,1	130,5	100,1	135,1	155,6	106,4	105,2	112,7	96,2
2009	98,2	94,8	103,8	95,6	88,7	109,9	100,4	100,9	99,6
2010	98,5	95,3	103,2	98,6	92,8	108,2	98,4	97,5	99,5

8.10. Agricultural production indices, by region

(percent)

	1990 = 100								To the previous year							
	1995	2000	2005	2006	2007	2008	2009	2010	1995	2000	2005	2006	2007	2008	2009	2010
Ukraine	**65,0**	**53,4**	**63,5**	**65,1**	**60,9**	**71,3**	**70,0**	**68,9**	**96,4**	**109,8**	**100,1**	**102,5**	**93,5**	**117,1**	**98,2**	**98,5**
Autonomous Republic of Crimea	53,1	43,3	46,6	48,0	54,4	64,5	67,4	64,5	101,0	113,2	105,4	102,9	113,4	118,4	104,5	95,7
oblasts																
Vinnytsya	67,3	53,5	59,0	62,4	57,8	73,0	70,6	70,6	92,3	112,3	102,5	105,7	92,7	126,2	96,7	100,1
Volyn	59,7	54,6	62,8	61,8	63,5	64,5	64,7	65,9	101,2	105,8	100,1	98,4	102,7	101,7	100,3	101,8
Dnipro-petrovsk	68,9	54,8	73,8	77,5	66,8	87,3	83,0	83,9	96,3	114,5	106,9	105,1	86,2	130,7	95,1	101,0
Donetsk	65,5	56,4	71,4	67,6	61,4	69,9	67,1	68,3	106,6	120,0	102,2	94,7	90,7	113,9	95,9	101,8
Zhytomyr	68,8	51,5	54,7	55,5	51,5	55,3	56,9	56,8	96,5	105,6	97,7	101,4	92,8	107,4	102,8	99,9
Zakarpattya	79,6	77,6	89,0	88,7	87,9	90,7	93,7	91,1	104,5	108,1	99,0	99,7	99,1	103,2	103,4	97,2
Zapo-rizhzhya	59,6	47,4	58,8	62,2	49,1	65,6	57,7	58,9	99,9	100,8	105,7	105,8	79,0	133,5	87,9	102,1
Ivano-Frankivsk	81,1	73,1	77,2	79,1	81,3	75,7	82,1	82,6	102,5	109,9	99,4	102,4	102,7	93,2	108,5	100,6
Kyiv	71,5	53,6	71,5	78,0	78,5	82,8	81,1	80,6	93,7	112,6	106,9	109,1	100,7	105,4	98,0	99,4
Kirovohrad	63,4	48,3	67,8	68,7	49,6	75,3	67,1	68,4	97,7	111,0	99,4	101,3	72,2	152,0	89,1	102,0
Luhansk	57,9	41,1	61,3	58,2	53,9	64,0	56,0	50,9	100,0	91,8	120,6	95,0	92,7	118,7	87,5	90,9
Lviv	66,7	66,9	68,6	72,1	72,6	72,7	73,9	70,7	92,3	108,1	98,3	105,1	100,7	100,2	101,6	95,7
Mykolayiv	58,2	41,0	57,1	62,4	38,6	69,0	69,2	69,8	102,0	91,7	88,5	109,4	61,9	178,6	100,2	100,9
Odesa	58,5	57,9	66,0	68,9	42,8	68,8	62,6	68,5	100,2	98,7	82,9	104,4	62,2	160,6	90,9	109,5
Poltava	66,2	43,3	63,5	65,8	67,2	75,9	75,5	67,5	97,6	104,6	104,6	103,6	102,1	113,0	99,5	89,4
Rivne	66,5	56,5	61,6	64,6	66,4	67,9	67,9	69,3	96,1	106,3	93,6	104,7	102,8	102,3	100,1	102,0
Sumy	62,8	50,6	50,8	49,1	50,7	54,5	54,1	48,7	90,3	124,0	96,1	96,7	103,2	107,5	99,4	89,9
Ternopil	66,5	55,0	55,1	59,7	61,9	63,0	64,1	60,7	91,8	116,0	98,8	108,3	103,6	101,9	101,7	94,7
Kharkiv	65,1	55,5	71,3	64,9	67,0	72,3	64,1	56,8	98,4	116,2	107,7	91,0	103,2	107,9	88,7	88,6
Kherson	55,7	53,3	61,9	65,6	52,8	75,2	75,9	78,2	91,3	100,0	100,2	105,9	80,5	142,6	100,9	103,0
Khmel-nytskiy	70,1	57,4	54,6	56,5	61,1	63,0	65,5	65,2	93,1	114,1	87,5	103,4	108,2	103,2	103,9	99,6
Cherkasy	66,5	57,5	72,9	76,9	73,4	95,7	104,0	108,5	93,2	122,3	106,4	105,6	95,4	130,3	108,7	104,3
Chernivtsi	71,5	62,9	70,5	71,2	75,1	75,8	78,1	80,6	96,2	111,4	101,3	101,0	105,4	100,9	103,2	103,1
Chernihiv	66,6	48,7	54,3	54,9	57,1	59,5	58,4	50,6	89,4	114,9	90,0	101,1	104,0	104,2	98,3	86,6

8.11. Operating agricultural enterprises in 2010, 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	**56493**	**7769**	**4243**	**952**	**41726**	**322**	**1481**
Autonomous Republic of Crimea	2238	307	169	95	1561	31	75
oblasts							
Vinnytsya	2317	357	192	51	1653	8	56
Volyn	1095	140	87	109	710	8	41
Dnipropetrovsk	4015	450	153	12	3346	22	32
Donetsk	2097	310	78	12	1574	5	118
Zhytomyr	1296	263	205	28	744	7	49
Zakarpattya	1759	99	17	6	1609	15	13
Zaporizhzhya	3035	406	218	40	2273	15	83
Ivano-Frankivsk	767	87	76	27	556	3	18
Kyiv	2133	437	157	42	1402	37	58
Kirovohrad	3206	348	251	33	2499	10	65
Luhansk	1986	257	174	17	1436	7	95
Lviv	1490	250	177	13	1002	10	38
Mykolayiv	5315	367	290	19	4568	13	58
Odesa	6901	529	325	134	5830	11	72
Poltava	2368	366	200	33	1650	22	97
Rivne	940	117	132	83	574	5	29
Sumy	1227	291	133	24	737	8	34
Ternopil	1250	185	225	3	771	4	62
Kharkiv	1943	407	237	25	1199	28	47
Kherson	2872	232	169	17	2393	13	48
Khmelnytskiy	1844	298	130	50	1261	11	94
Cherkasy	1827	425	152	15	1124	7	104
Chernivtsi	1009	113	87	18	772	6	13
Chernihiv	1030	303	143	42	472	9	61
city							
Kyiv	533	425	66	4	10	7	21

8.12. Distribution of operating agricultural enterprises in 2010, 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	48824	86,4	21585,9	100,0
including with the area, ha				
under 5,0	5784	10,2	18,3	0,1
5,1–10,0	4038	7,1	31,9	0,1
10,1–20,0	4925	8,7	76,3	0,4
20,1–50,0	13707	24,3	519,8	2,4
50,1–100,0	4831	8,6	345,2	1,6
100,1–500,0	7181	12,7	1743,1	8,1
500,1–1000,0	2667	4,7	1919,4	8,9
1000,1–2000,0	2661	4,7	3822,8	17,7
2000,1–3000,0	1347	2,4	3295,5	15,3
3000,1–4000,0	666	1,2	2293,0	10,6
4000,1–5000,0	376	0,7	1670,5	7,6
5000,1–7000,0	332	0,6	1919,6	8,9
7000,1–10000,0	178	0,3	1479,6	6,9
over 10000,0	131	0,2	2450,9	11,4
Enterprises that do not have agricultural land	7669	13,6	×	×

8.13. 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

[1] Average number

8.14. Costs structure for agricultural output in agricultural enterprises

(percent)

	2008			2009			2010		
	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	10,7	10,2	11,8	9,7	9,3	10,7	9,1	8,6	10,0
Social contributions	2,6	2,5	2,8	2,9	2,8	3,2	3,2	3,1	3,6
Material expenses	70,4 / 100,0	67,9 / 100,0	75,9 / 100,0	69,3 / 100,0	65,5 / 100,0	76,6 / 100,0	70,0 / 100,0	65,9 / 100,0	78,4 / 100,0
including on									
seeds and planting stock	12,0	18,2	×	11,2	17,9	×	11,6	18,4	×
fodder	24,6	×	71,8	26,3	×	70,4	26,2	×	71,0
other agricultural produce	2,8	0,9	6,7	3,2	0,9	7,1	2,8	0,9	5,9
fertilisers	17,1	26,0	×	16,2	25,8	×	15,4	24,4	×
refined products	16,2	22,2	4,7	14,1	20,1	4,0	14,2	20,2	3,9
electricity	2,4	1,5	4,0	2,5	1,6	3,9	2,3	1,6	3,6
fuels	1,5	1,4	1,7	1,7	1,5	2,1	1,5	1,3	2,0
spare parts, repair and construction materials	6,9	8,6	3,6	7,6	9,4	4,4	6,9	8,9	3,5
payments of contracted operations and services	16,5	21,2	7,5	17,3	22,7	8,2	19,1	24,3	10,1
Depreciation of fixed assets	5,1	5,6	3,9	5,8	6,6	4,2	5,3	5,9	3,9
Other costs	11,2 / 100,0	13,8 / 100,0	5,6 / 100,0	12,3 / 100,0	15,8 / 100,0	5,3 / 100,0	12,4 / 100,0	16,5 / 100,0	4,1 / 100,0
of which rent payments for									
land shares (stocks)	51,0	60,7	×	55,5	64,9	×	56,7	63,6	×
property shares	1,0	1,0	1,1	0,8	0,7	1,1	0,8	0,8	1,0

8.15. Profitability of agricultural activities in agricultural enterprises, by region

(percent)

	2008			2009			2010		
	total	of which		total	of which		total	of which	
		crop growing	cattle raising		crop growing	cattle raising		crop growing	cattle raising
Ukraine	**13,4**	**19,6**	**0,1**	**13,8**	**16,9**	**5,5**	**21,1**	**26,7**	**7,8**
Autonomous Republic of Crimea	11,7	20,7	–12,3	3,9	8,4	–8,4	12,8	16,1	4,1
oblasts									
Vinnytsya	11,8	15,9	–2,4	9,0	11,7	–4,5	19,4	25,5	–4,8
Volyn	1,7	11,9	–3,1	0,2	13,4	–8,4	9,0	21,5	–0,7
Dnipropetrovsk	19,0	25,9	3,0	19,1	23,8	8,1	28,1	41,8	4,0
Donetsk	3,6	14,0	–4,3	13,9	13,0	15,0	25,7	27,1	24,2
Zhytomyr	–1,7	6,6	–12,2	–0,6	6,5	–13,7	7,3	16,5	–10,9
Zakarpattya	–4,5	0,2	–9,4	–11,1	4,5	–24,1	–13,3	–11,3	–15,7
Zaporizhzhya	17,5	21,7	6,0	23,7	22,9	25,7	30,6	39,9	3,9
Ivano-Frankivsk	11,8	1,7	16,1	13,7	5,5	18,5	29,3	16,4	34,9
Kyiv	9,6	10,6	8,5	20,6	11,6	33,8	31,1	25,2	38,0
Kirovohrad	24,2	29,4	–8,7	28,8	33,1	–6,4	40,7	45,6	–17,3
Luhansk	7,0	9,7	1,4	1,6	4,5	–5,2	11,6	20,5	–6,4
Lviv	24,0	40,2	–8,4	22,4	37,1	–7,6	27,6	39,6	0,7
Mykolayiv	27,3	32,3	4,3	23,6	26,8	6,4	35,8	42,6	–2,5
Odesa	20,5	26,1	–9,0	10,0	13,9	–11,0	20,1	26,6	–18,1
Poltava	11,3	17,9	–4,6	15,5	19,4	4,7	21,7	28,0	5,4
Rivne	16,2	26,4	–4,4	2,8	5,9	–7,5	5,9	7,7	0,8
Sumy	–2,4	1,7	–10,3	–6,0	–4,3	–11,1	–0,6	3,6	–11,5
Ternopil	23,8	27,8	3,3	28,5	31,6	5,2	16,1	18,1	2,1
Kharkiv	9,0	10,7	3,9	3,2	6,3	–5,8	17,6	23,3	5,2
Kherson	15,5	17,6	5,3	15,9	18,4	4,3	18,7	21,8	2,5
Khmelnytskiy	17,6	24,3	2,1	4,4	7,3	–3,5	14,0	19,7	–0,1
Cherkasy	15,7	18,5	9,6	18,3	24,1	2,1	18,1	25,2	1,6
Chernivtsi	18,5	23,1	15,7	–1,1	0,5	–2,9	–1,2	–0,3	–1,9
Chernihiv	9,9	20,5	–6,6	10,2	18,2	–8,9	2,8	7,1	–6,0
city									
Kyiv	18,0	28,1	–26,2	23,3	31,1	–13,6	25,2	30,8	1,3

8.16. Profitability of basic agricultural products in agricultural enterprises

(percent)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Grain crops	275,1	85,6	64,8	45,8	20,1	3,1	7,4	28,7	16,4	7,3	13,9
Sunflower seeds	236,5	170,9	52,2	64,3	45,2	24,3	20,7	75,9	18,4	41,4	64,7
Sugar beets (for processing)	29,5	31,2	6,1	6,2	–0,8	4,8	11,1	–11,1	7,1	37,0	16,7
Vegetables grown in the open ground	27,6	12,8	–1,7	30,9	–5,0	16,1	14,8	14,1	11,1	19,1	23,5
Potatoes	27,2	34,3	14,0	33,5	–0,7	17,8	56,2	24,7	7,9	12,9	62,1
Fruit	83,8	20,3	–1,1	19,9	8,4	12,7	33,5	8,5	13,9	16,2	14,9
Grapes	71,7	74,0	62,7	44,5	8,7	31,7	39,6	33,2	58,8	92,1	91,6
Milk and dairy products[1]	32,2	–23,2	–6,0	9,9	–0,4	12,2	–3,7	13,8	4,1	1,4	17,9
Cattle for meat	20,6	–19,8	–42,3	–44,3	–33,8	–25,0	–38,4	–41,0	–24,1	–32,9	–35,9
Pigs for meat	20,7	–16,7	–44,3	–33,0	–14,4	14,9	–9,2	–27,6	0,3	12,1	–7,8
Sheep and goats for meat	2,3	–31,9	–46,4	–37,8	–44,3	–32,1	–34,3	–46,4	–38,6	–31,8	–29,5
Poultry for meat	17,0	–18,4	–33,2	11,0	3,8	24,9	12,1	–19,0	–11,3	–22,5	–4,4
Eggs	27,3	36,5	10,6	18,5	15,2	23,5	–6,8	9,1	13,0	13,1	18,6
Wool	–2,4	–61,3	–75,8	–75,4	–74,7	–72,8	–78,1	–80,6	–74,7	–79,4	–82,2

[1] Since 2001, whole milk

8.17. Sales of agricultural products by agricultural enterprises

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Grain crops	18499	13109	10726	8999	16698	19458	17814	13965	24763	31686	23662
including											
Wheat	…	7415	5364	2187	7746	10045	8460	7456	13194	15675	10398
Rye	…	426	437	329	761	479	372	222	377	580	389
Corn	…	433	1046	2512	2562	4030	3001	3049	4964	8179	7069
Barley	…	2468	2910	2999	4562	3857	4969	2576	5505	6086	4870
Oats	…	121	291	345	294	277	238	175	170	279	260
Millet	…	67	174	133	141	118	80	49	67	117	115
Buckwheat	…	64	157	135	142	135	113	106	119	150	105
Rice	…	32	49	58	55	54	62	75	54	71	82
Legumes	…	178	155	180	294	332	392	168	183	373	280
Oil crops	2200	1424	2284	2562	2045	2612	4086	4434	5542	7239	7757
Sugar beets (including goods for processing)	43283	27942	10971	9568	11446	10956	16431	13083	10543	6348	9767
Potatoes	1641	185	85	90	89	117	117	175	257	306	291
Vegetables	4224	1074	536	393	358	398	413	431	551	807	646
Fruit and berries	1149	261	209	305	185	169	124	170	191	181	231
Grapes	604	222	299	182	130	148	105	133	182	207	165
Cattle and poultry (live weight)	4422	1896	969	935	860	902	1087	1312	1342	1448	1587
Milk and dairy products	18023	6766	2684	1994	2036	2121	2017	1825	1834	1994	2004
Eggs, mln.pcs	8688	3642	2644	4610	4888	5700	6674	6747	7729	8566	9416
Wool, t	27107	7804	1388	1003	635	547	528	622	659	722	518

8.18. Agricultural production given to shareholders as rent payments for land and property shares (stocks)

(thsd.t)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Agricultural production, mln. UAH	**747,6**	**773,7**	**1071,4**	**1021,4**	**1002,8**	**1120,1**	**1516,8**	**1795,0**	**2118,6**
Crop output, mln. UAH	**731,2**	**711,3**	**1026,5**	**984,2**	**963,9**	**1086,8**	**1488,8**	**1760,0**	**2091,5**
Grain crops	1516,8	1178,1	2090,8	2032,6	1817,2	1526,6	2286,1	2349,2	2262,7
Oil crops	104,0	86,3	48,7	53,0	53,5	38,5	52,7	59,8	54,0
Sugar beets	1,7	1,1	1,0	1,4	0,6	0,1	0,1	0,0	0,2
Potatoes	1,3	1,3	0,9	0,4	0,3	0,6	1,1	0,4	0,3
Vegetables	15,4	8,8	5,5	3,5	3,4	2,2	2,1	1,7	1,2
Fruit and berries	1,4	3,6	0,8	0,7	0,3	0,5	0,2	0,2	0,1
Animal production, mln. UAH	**16,4**	**62,4**	**44,9**	**37,2**	**38,9**	**33,3**	**28,0**	**35,0**	**27,1**
Cattle and poultry	4,9	12,7	6,4	3,5	3,6	3,7	1,9	1,6	1,3
Milk and dairy products	5,0	4,6	3,4	2,4	1,7	1,0	0,6	0,7	0,7
Eggs, mln.pcs	1,3	3,8	3,4	2,4	2,5	1,3	0,8	1,4	0,9
	Percentage of the total sales								
Agricultural production	**5,8**	**5,0**	**5,2**	**4,1**	**3,4**	**2,9**	**2,8**	**2,5**	**2,3**
Crop output	**8,5**	**7,2**	**7,8**	**6,8**	**5,2**	**4,4**	**4,2**	**3,7**	**3,4**
Grain crops	14,1	13,1	12,5	10,5	10,2	10,9	9,2	7,4	9,6
Oil crops	4,6	3,3	2,4	2,0	1,3	0,9	1,0	0,8	0,7
Sugar beets	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Potatoes	1,6	1,5	1,0	0,4	0,3	0,3	0,4	0,2	0,1
Vegetables	2,9	2,3	1,5	0,9	0,8	0,5	0,4	0,2	0,2
Fruit and berries	0,7	1,2	0,4	0,4	0,3	0,3	0,1	0,1	0,1
Animal production	**0,4**	**1,1**	**0,6**	**0,4**	**0,4**	**0,3**	**0,0**	**0,1**	**0,1**
Cattle and poultry	0,5	1,4	0,7	0,4	0,3	0,3	0,1	0,1	0,1
Milk and dairy products	0,2	0,2	0,2	0,1	0,1	0,1	0,0	0,0	0,0
Eggs	0,0	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0

8.19. Structure of agricultural sales by agricultural enterprises

(percent of the total sales)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
To processing enterprises											
Grain crops	80,4	37,5	4,0	3,9	6,4	5,2	4,6	5,1	4,4	3,9	3,4
Oil crops	98,9	5,1	2,4	2,5	3,4	4,0	4,0	3,9	4,5	4,5	4,2
Sugar beets	100,0	99,6	93,0	82,5	84,3	90,4	91,0	92,4	93,4	91,4	93,3
Potatoes	85,1	15,2	16,9	3,2	8,2	11,3	11,0	12,5	10,9	6,9	7,4
Vegetables	89,4	39,6	13,3	5,9	6,7	13,5	15,6	8,8	22,6	36,9	37,2
Fruit and berries	86,8	40,4	16,1	12,9	10,5	13,4	15,3	26,7	30,6	32,2	25,0
Grapes	96,4	64,8	68,4	28,4	30,4	34,8	35,1	30,5	36,1	33,4	29,6
Cattle and poultry	94,8	46,1	21,6	29,1	29,2	30,9	35,2	34,6	30,5	25,6	25,5
Milk and dairy products	99,1	87,2	66,3	78,7	82,1	85,0	88,3	90,4	92,7	92,6	92,7
Eggs	98,1	56,8	20,0	0,4	0,3	0,4	0,3	0,2	0,1	0,1	0,2
Wool	100,0	60,3	28,7	20,7	6,7	35,6	43,5	52,3	63,5	54,8	46,9
On the market											
Grain crops	3,2	19,2	34,8	13,6	11,4	10,0	9,9	8,7	7,9	6,6	7,1
Oil crops	0,3	27,7	46,4	16,9	14,1	11,3	9,1	7,6	6,9	5,8	5,0
Sugar beets	—	0,2	4,0	0,5	0,1	0,1	0,1	0,0	0,0	0,1	0,0
Potatoes	9,4	42,7	44,8	21,1	18,4	17,2	18,4	12,9	15,3	12,3	12,6
Vegetables	8,0	41,2	47,0	35,7	35,5	31,8	27,3	29,8	18,5	11,9	12,2
Fruits and berries	9,8	40,6	49,8	34,5	39,5	33,0	33,8	28,6	28,1	29,2	25,1
Grapes	3,0	21,9	16,1	15,7	16,8	15,4	18,0	9,4	6,9	9,4	8,9
Cattle and poultry	1,8	26,2	38,4	19,6	18,2	19,1	9,1	7,8	7,9	7,9	7,5
Milk and dairy products	0,1	8,9	21,2	6,1	4,7	3,8	3,0	2,1	1,5	1,9	1,9
Eggs	1,3	34,2	66,2	35,6	32,1	29,2	27,0	24,5	23,9	21,5	20,0
Wool	—	33,5	51,1	37,0	27,0	13,2	8,4	8,4	7,3	8,4	9,4
To households											
Grain crops	13,2	30,3	20,6	10,1	6,9	4,7	3,7	2,7	1,5	1,0	0,9
Oil crops	0,8	11,9	10,1	3,0	2,2	1,4	0,7	0,4	0,3	0,3	0,1
Sugar beets	—	0,1	0,5	0,3	0,2	0,1	0,1	0,0	0,0	0,0	0,0
Potatoes	5,2	32,2	20,4	10,5	7,6	4,0	2,7	2,0	1,9	1,1	1,3
Vegetables	2,6	15,1	21,1	8,4	4,9	3,5	2,2	1,5	0,9	0,5	0,6
Fruit and berries	3,4	14,6	22,7	15,3	10,1	6,0	4,7	3,7	2,2	1,6	0,7
Grapes	0,6	11,5	5,8	3,8	2,8	1,4	0,6	0,5	0,2	0,2	0,1
Cattle and poultry	3,3	16,4	31,9	11,7	7,0	4,5	3,0	2,2	1,6	1,3	1,0
Milk and dairy products	0,8	3,1	7,5	3,4	2,2	1,5	1,2	0,7	0,5	0,4	0,4
Eggs	0,4	4,8	5,9	3,3	2,1	1,9	1,2	0,7	0,7	0,8	0,6
Wool	—	—	13,5	1,8	3,5	2,5	0,3	0,3	0,2	1,5	0,8
Through other channels											
Grain crops	3,2	13,0	40,6	72,4	75,3	80,1	81,8	83,5	86,2	88,5	88,6
Oil crops	0,0	55,3	41,1	77,6	80,3	83,3	86,2	88,1	88,3	89,4	90,7
Sugar beets	—	0,1	2,5	16,7	15,4	9,4	8,8	7,6	6,6	8,5	6,7
Potatoes	0,3	9,9	17,9	65,2	65,8	67,5	67,9	72,6	71,9	79,7	78,7
Vegetables	0,0	4,1	18,6	50,0	52,9	51,2	54,9	59,9	58,0	50,7	50,0
Fruit and berries	0,0	4,4	11,4	37,3	39,9	47,6	46,2	41,0	39,1	37,0	49,2
Grapes	—	1,8	9,7	52,1	50,0	48,4	46,3	59,6	56,8	57,0	61,4
Cattle and poultry	0,1	11,3	8,1	39,6	45,6	45,5	52,7	55,4	60,0	65,2	66,0
Milk and dairy products	—	0,8	5,0	11,8	11,0	9,7	7,5	6,8	5,3	5,1	5,0
Eggs	0,2	4,2	7,9	60,7	65,5	68,5	71,5	74,6	75,3	77,6	79,2
Wool	—	6,2	6,7	40,5	62,8	48,7	47,8	39,0	29,0	35,3	42,9

CROP GROWING

8.20. Total land area and agricultural land in 2010[1]

(end of year; thsd.ha)

	Total land area	Total agricultural land	Of which		
			arable fields	hay fields	pastures
Total land	**60354,8**	**41576,0**	**32476,5**	**2410,9**	**5481,9**
Lands of agricultural enterprises and households	37843,8	36487,9	30932,1	1604,8	2972,2
Land of agricultural enterprises	21376,5	20589,6	19237,4	410,2	729,3
the state	1205,8	1022,0	844,9	33,5	107,3
the non-state	20170,7	19567,6	18392,5	376,7	622,0
Private lands	16467,3	15898,3	11694,7	1194,6	2242,9
Lands of other users	22511,0	5088,1	1544,4	806,1	2509,7

[1] According to the data from the State Agency of Land Resources of Ukraine

8.21. Irrigated and drained land area[1]

(end of year; thsd.ha)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Drained land											
Total land	**3220**	**3299**	**3299**	**3294**	**3294**	**3307**	**3307**	**3307**	**3307**	**3307**	**3307**
including lands of agricultural enterprises	3004	2713	2164	1478	1345	1272	1153	1088	1063	992	942
of which with closed drainage	2181	2041	1727	1191	1093	1030	936	889	877	820	779
Irrigated land											
Total land	**2601**	**2585**	**2408**	**2208**	**2195**	**2183**	**2181**	**2181**	**2179**	**2179**	**2178**
including lands of agricultural enterprises	2600	2568	2292	1743	1577	1688	1657	1644	1615	1576	1540

[1] See the footnote to Table 8.20

8.22. Sown area for basic agricultural crops in 1940–2010

(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

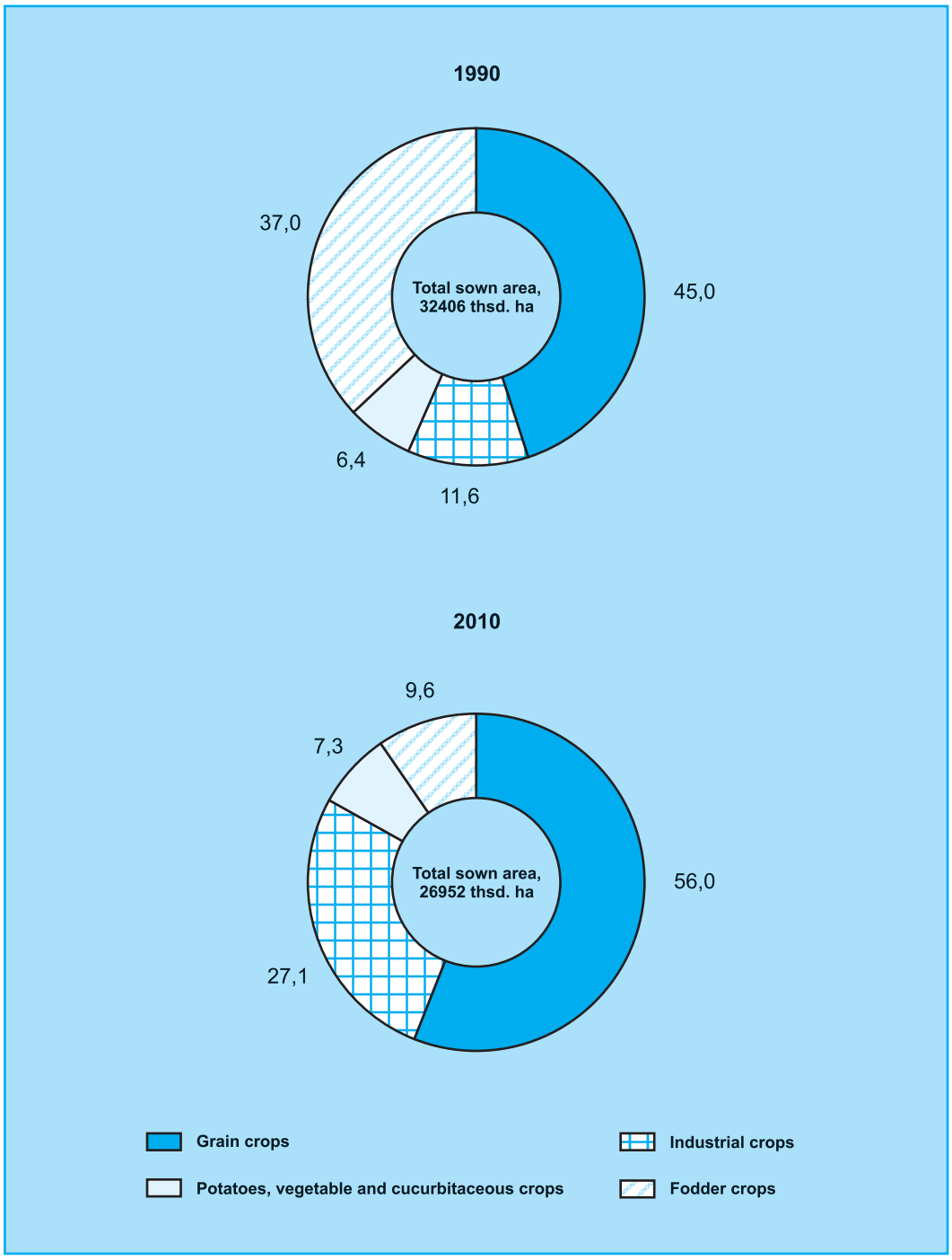
8.23. Sown area for basic agricultural crops

(thsd.ha)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total sown area	**32406**	**30963**	**27173**	**25081**	**26752**	**26044**	**25928**	**26060**	**27133**	**26990**	**26952**
Grain crops	**14583**	**14152**	**13646**	**12495**	**15433**	**15005**	**14515**	**15115**	**15636**	**15837**	**15090**
Winter crops	8614	6310	6324	2873	6397	7289	5884	6725	8127	8308	7904
wheat	7568	5324	5316	2356	5139	6185	5089	5817	6802	6518	6137
rye	518	609	668	404	737	622	373	349	466	468	286
barley	528	377	340	113	521	482	422	559	859	1322	1481
Summer crops	5969	7842	7322	9622	9036	7716	8631	8390	7509	7529	7186
of which											
wheat	9	185	303	472	535	480	494	471	314	334	314
barley	2201	4130	3645	5059	4157	4018	4883	4417	3360	3800	3024
oats	492	570	521	602	538	468	474	404	456	433	326
corn	1234	1174	1364	2170	2467	1711	1777	2087	2516	2149	2709
millet	205	167	437	311	434	141	136	122	153	119	95
buckwheat	350	459	574	366	439	426	398	352	302	273	225
rice	28	22	26	22	21	21	22	21	20	25	29
legumes	1424	1103	408	558	387	422	406	438	263	371	429
of which											
peas	1287	996	307	403	270	326	339	362	206	286	305
vetch and vetch mixtures for again	79	65	54	74	54	44	29	30	19	28	32
Industrial crops	**3751**	**3748**	**4187**	**5357**	**4971**	**5260**	**6105**	**5920**	**6778**	**6545**	**7296**
of which											
sugar beets (for processing)	1607	1475	856	773	732	652	815	610	380	322	501
sunflowers	1636	2020	2943	4001	3521	3743	3964	3604	4306	4232	4572
rape	90	49	214	69	117	207	414	891	1412	1060	907
soya	93	25	65	209	274	438	751	671	558	644	1076
flax	172	98	23	32	38	25	14	13	7	2	1
Potatoes, vegetables and cucurbitaceous crops	**2073**	**2165**	**2277**	**2155**	**2105**	**2041**	**2031**	**1997**	**1967**	**1950**	**1967**
of which											
potatoes	1429	1532	1629	1585	1556	1514	1464	1453	1413	1409	1408
vegetables grown in open ground (without seed crops)	456	503	538	480	476	465	469	451	458	451	462
Fodder crops	**11999**	**10898**	**7063**	**5074**	**4243**	**3738**	**3277**	**3028**	**2752**	**2658**	**2599**
of which											
fodder roots (including fodder sugar beets)	624	480	285	324	299	294	277	275	259	247	244
corn for silage and green fodder	4637	3475	1920	1321	1015	774	675	629	518	485	473
annual hay grass (including winter crops used for green fodder)	2583	2879	1765	1256	990	891	717	614	567	585	583
perennial hay grass (hay grass sown in the previous and current years)	3986	3906	2985	2079	1855	1702	1549	1459	1357	1289	1238
Fallow land	*1427*	*1570*	*3213*	*3509*	*2330*	*2428*	*1866*	*1625*	*1413*	*1523*	*1465*

8.24. Structure of sown area for basic agricultural crops

(percent of the total area)



8.25. Sown area for agricultural crops in 2010, by region

(thsd.ha)

	Total sown area	Of which			
		grain crops	industrial crops	potatoes, vegetables and cucurbitaceous crops	fodder crops
Ukraine	**26952**	**15090**	**7296**	**1967**	**2599**
Autonomous Republic of Crimea	866	678	93	42	53
oblasts					
Vinnytsya	1543	863	390	119	171
Volyn	478	242	43	78	115
Dnipropetrovsk	1882	1110	620	85	67
Donetsk	1402	740	441	94	127
Zhytomyr	721	381	96	70	174
Zakarpattya	186	80	3	49	54
Zaporizhzhya	1600	846	635	60	59
Ivano-Frankivsk	319	127	24	70	98
Kyiv	1111	620	246	120	125
Kirovohrad	1614	855	640	63	56
Luhansk	959	456	386	56	61
Lviv	541	250	65	118	108
Mykolayiv	1524	917	508	42	57
Odesa	1773	1185	429	73	86
Poltava	1695	936	504	91	164
Rivne	508	244	81	80	103
Sumy	990	617	187	74	112
Ternopil	760	466	158	67	69
Kharkiv	1582	777	545	111	149
Kherson	1388	705	502	98	83
Khmelnytskiy	1002	569	219	78	136
Cherkasy	1199	675	312	86	126
Chernivtsi	291	133	52	46	60
Chernihiv	1018	618	117	97	186

8.26. Harvested area

(thsd.ha)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Grain crops	14522	13963	12587	11113	14776	14605	14192	13428	15381	15470	14576
Winter crops	8592	6277	5846	2524	6248	7187	5807	6334	8058	8196	7698
wheat	7549	5299	4888	2029	5024	6105	5029	5516	6747	6430	5982
rye	517	605	636	392	715	608	359	336	458	460	279
barley	526	373	322	103	509	474	419	482	853	1306	1437
Summer crops	5930	7686	6741	8589	8528	7418	8385	7094	7323	7274	6878
of which											
wheat	9	180	273	427	509	466	482	435	307	323	302
barley	2186	4040	3367	4498	4006	3876	4818	3607	3314	3688	2880
oats	486	560	481	544	510	450	442	356	445	416	311
corn grain	1223	1161	1279	1989	2300	1660	1720	1903	2440	2089	2648
millet	197	158	367	258	377	120	115	92	142	102	85
buckwheat	362	448	529	324	389	396	360	310	282	254	199
rice	28	22	25	22	21	21	22	21	20	25	29
legumes	1414	1085	383	479	367	401	389	315	257	355	391
Sugar beets (for processing)	1605	1448	747	666	697	623	788	577	377	320	492
Sunflowers	1626	2008	2842	3810	3427	3689	3911	3411	4279	4193	4526
Rape	90	47	157	54	107	195	387	800	1380	1014	863
Soya	88	23	61	190	256	422	715	583	538	623	1037
Flax	169	96	20	27	32	24	10	11	6	2	1
Potatoes	1433	1531	1631	1587	1556	1516	1461	1453	1409	1412	1412
Vegetables	447	489	519	470	468	464	470	449	458	456	468
Fodder roots (including fodder sugar beets)	683	496	281	317	298	294	277	276	260	249	246
Corn for silage and green fodder	4730	3493	1843	1266	981	766	666	617	513	483	469
Annual hay grass	309	264	289	361	346	342	320	288	291	283	298
Perennial hay grass	1425	1442	1249	1042	1048	1001	943	915	931	902	903

8.27. Area planted with fruit and berries, and grapes

(thsd.ha)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Area for fruit and berry plantations	851	794	425	338	316	299	281	271	267	260	255
of which fruit-bearing	680	637	378	303	281	266	248	238	233	229	223
Vineyards	176	155	110	99	97	96	93	93	93	91	87
of which fruit-bearing	143	138	99	86	83	81	76	71	71	71	68

8.28. Output of basic agricultural crops in 1913–2010

(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

8.29. Output of basic agricultural crops

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Grain crops	51009	33930	24459	20234	41809	38016	34258	29295	53290	46028	39271
Winter crops	33560	18163	11348	3658	19386	19744	14444	14609	28763	24608	19899
wheat	30348	15969	9775	2866	16361	17683	12880	13173	25050	20037	16217
rye	1259	1207	966	620	1589	1053	582	561	1050	952	463
barley	1953	987	607	172	1436	1008	982	875	2663	3619	3219
Summer crops	17449	15767	13111	16576	22423	18272	19814	14686	24527	21420	19372
of which											
wheat	26	304	422	733	1159	1016	1067	765	835	849	634
barley	7216	8646	6265	6662	9649	7967	10359	5106	9949	8214	5266
oats	1303	1116	881	941	1007	791	690	544	944	731	459
corn grain	4737	3392	3848	6875	8867	7167	6426	7421	11447	10486	11953
millet	338	268	426	341	459	141	123	84	221	139	117
buckwheat	420	341	481	311	294	275	229	217	241	189	134
rice	118	80	90	84	80	93	100	108	101	143	148
legumes	3266	1570	652	571	812	758	747	357	550	622	592
Sugar beets (for processing)	44264	29650	13199	13392	16600	15468	22421	16978	13438	10067	13749
Sunflowers	2571	2860	3457	4254	3050	4706	5324	4174	6526	6364	6772
Rape	130	40	132	51	149	285	606	1047	2873	1873	1470
Soya	99	22	64	232	363	613	890	723	813	1044	1680
Flax (fiber)	108	48	8	11	16	13	5	4	3	1	0
Potatoes	16732	14729	19838	18453	20755	19462	19467	19102	19545	19666	18705
Vegetables	6666	5880	5821	6538	6964	7295	8058	6835	7965	8341	8122
Fodder roots (of which fodder sugar beets)	27270	13470	6672	7786	8139	8015	7746	7525	8011	7534	6771
Corn for silage and green fodder	98372	61920	24183	18822	14261	12509	10315	8739	9163	8597	7511
Annual hay grass	1104	774	647	769	888	942	962	799	902	866	953
Perennial hay grass	5511	4368	2572	2263	2704	2969	2989	2758	3287	2903	3238
Fruit and berries	2902	1897	1453	1697	1635	1690	1114	1470	1504	1618	1747
Grapes	836	457	514	505	374	443	301	360	415	469	408

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

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Agricultural enterprises											
Grain crops	49564	31182	19964	14596	31709	28791	25698	22848	42094	35842	29779
Sugar beets (for processing)	44261	28884	11594	10365	12760	12146	19042	14764	11796	9151	12663
Sunflowers	2509	2734	3025	3576	2406	3710	4156	3374	5289	5177	5586
Potatoes	4793	618	277	263	272	239	275	389	437	518	483
Vegetables	4872	1607	986	828	769	781	974	713	1109	1120	964
Fruit and berries	1347	311	264	408	187	200	136	198	232	215	287
Grapes	665	336	360	324	212	258	155	235	282	310	260
of which farms											
Grain crops	0	508	1256	1551	4148	4083	4227	3250	6857	5556	4703
Sugar beets (for processing)	—	652	755	1128	1410	1373	2360	1410	818	454	1155
Sunflowers	0	86	347	598	430	735	847	689	1183	1139	1208
Potatoes	—	16	56	86	90	85	94	117	136	133	161
Vegetables	0	27	83	132	143	156	224	168	276	224	212
Fruit and berries	0	1	4	7	8	11	11	13	23	23	37
Grapes	0	0	1	2	3	3	3	6	7	9	7
Agricultural holdings of households											
Grain crops	1445	2748	4495	5638	10100	9225	8560	6447	11196	10186	9492
Sugar beets (for processing)	3	766	1605	3027	3840	3322	3379	2214	1642	916	1086
Sunflowers	62	126	432	678	644	996	1168	800	1237	1187	1186
Potatoes	11939	14111	19561	18190	20483	19223	19192	18713	19108	19148	18222
Vegetables	1794	4273	4835	5710	6195	6514	7084	6122	6856	7221	7158
Fruit and berries	1555	1586	1189	1289	1448	1490	978	1272	1272	1403	1460
Grapes	171	121	154	181	162	185	146	125	133	159	148

8.31. Output of grain crops, by region

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**51009**	**33930**	**24459**	**20234**	**41809**	**38016**	**34258**	**29295**	**53290**	**46028**	**39271**
Autonomous Republic of Crimea	1988	1505	1064	665	1205	1160	1221	1228	1734	1662	1404
oblasts											
Vinnytsya	3074	2230	1745	1213	2097	2035	2075	1686	3378	3092	3111
Volyn	922	819	503	560	780	677	524	573	717	640	579
Dnipropetrovsk	3552	2043	1571	1279	3057	2908	2635	1672	3694	2817	2709
Donetsk	2551	1482	1011	699	2045	1912	1646	1187	2332	1724	1797
Zhytomyr	1352	1110	721	478	821	750	725	741	1102	1238	1087
Zakarpattya	306	197	167	272	355	296	287	301	316	302	256
Zaporizhzhya	3094	1533	1150	621	1837	1806	1762	1241	2780	2131	1905
Ivano-Frankivsk	503	422	253	263	358	335	293	300	399	402	346
Kyiv	2112	1544	1431	1370	2314	2284	1856	1796	2593	2483	2003
Kirovohrad	3210	1971	1378	1186	2679	2479	2410	1278	3003	2534	2374
Luhansk	1877	1021	442	627	1134	1311	845	800	1640	1055	811
Lviv	1010	866	481	577	678	627	587	612	837	822	623
Mykolayiv	2706	1660	921	800	2697	1763	1951	641	2386	2465	2201
Odesa	2674	1956	1581	1214	3647	2669	2808	1263	3681	2839	2929
Poltava	3450	2016	1408	1529	3008	2851	2447	2866	4531	3830	2854
Rivne	865	755	495	410	636	599	483	569	770	696	636
Sumy	1887	1380	968	807	1284	1119	890	1289	2366	2005	1324
Ternopil	1319	1204	741	736	1035	1045	905	1125	1598	1574	1261
Kharkiv	3008	1424	1268	1076	2145	2407	1717	2163	3797	2527	1266
Kherson	2792	1772	1166	405	1936	1539	1474	810	2202	1769	1515
Khmelnytskiy	2063	1612	1242	830	1427	1205	938	1247	1815	1702	1743
Cherkasy	2375	1674	1594	1235	2339	2217	2109	1842	2978	3195	2531
Chernivtsi	582	485	326	325	427	427	373	414	480	475	488
Chernihiv	1737	1249	832	1057	1868	1595	1297	1651	2161	2049	1518

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

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**44264**	**29650**	**13199**	**13392**	**16600**	**15468**	**22421**	**16978**	**13438**	**10067**	**13749**
Autonomous Republic of Crimea	—	22	—	—	—	—	—	—	—	—	—
oblasts											
Vinnytsya	5749	3981	1916	1728	2488	2050	2861	2895	2237	1405	2457
Volyn	1168	597	486	572	718	711	809	544	301	262	474
Dnipropetrovsk	672	763	270	326	437	359	585	156	43	39	33
Donetsk	—	157	37	39	68	47	69	18	25	15	17
Zhytomyr	1300	975	388	524	707	595	907	668	343	216	304
Zaporizhzhya	2	98	27	27	50	26	47	8	8	—	3
Ivano-Frankivsk	665	427	202	140	149	151	171	97	54	18	80
Kyiv	3261	2565	1216	1528	1659	1562	2291	1610	998	748	1094
Kirovohrad	2541	1898	642	640	917	699	1119	398	517	331	513
Luhansk	—	96	78	18	24	18	18	12	5	—	0
Lviv	1597	924	401	422	518	437	603	499	584	316	529
Mykolayiv	989	582	130	253	234	146	283	53	14	9	19
Odesa	873	524	214	224	223	116	240	63	25	—	8
Poltava	4625	2711	975	1033	1465	1543	2364	2196	2701	2078	1802
Rivne	1639	763	431	424	572	582	899	1117	833	835	1010
Sumy	2973	1658	773	839	796	644	895	502	328	333	336
Ternopil	3313	2011	1202	1102	1280	1476	2237	2059	1403	1209	1555
Kharkiv	2802	2510	1117	1221	1346	1103	1593	1079	824	482	462
Kherson	—	81	25	46	52	33	40	0	2	—	—
Khmelnytskiy	3978	2369	1146	788	979	1041	1421	1343	863	912	1606
Cherkasy	4097	2634	860	859	1149	1253	2019	1114	854	603	977
Chernivtsi	975	557	322	163	193	181	161	134	109	35	104
Chernihiv	1045	747	341	476	576	695	789	413	367	221	366

8.33. Output of sunflower seeds, by region

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**2571**	**2860**	**3457**	**4254**	**3050**	**4706**	**5324**	**4174**	**6526**	**6364**	**6772**
Autonomous Republic of Crimea	43	37	38	24	30	26	37	16	29	18	36
oblasts											
Vinnytsya	67	69	67	92	64	87	113	99	218	223	275
Volyn	0	0	0	0	0	0	0	0	0	0	0
Dnipropetrovsk	310	390	452	609	359	613	762	618	851	829	856
Donetsk	302	361	462	430	349	473	552	492	747	677	592
Zhytomyr	0	0	0	3	2	6	3	3	7	10	27
Zakarpattya	1	2	1	2	2	2	2	2	2	2	2
Zaporizhzhya	284	354	444	479	464	735	801	514	824	765	758
Ivano-Frankivsk	0	0	1	1	1	1	0	0	1	2	5
Kyiv	6	8	25	44	25	47	47	41	82	93	122
Kirovohrad	253	239	305	510	270	525	508	398	636	717	713
Luhansk	219	258	238	259	216	312	376	402	459	417	383
Lviv	—	0	—	0	0	0	1	—	0	0	0
Mykolayiv	220	219	251	412	259	427	499	260	517	553	586
Odesa	236	195	311	388	278	340	368	112	313	231	328
Poltava	174	186	201	273	159	288	292	347	458	484	466
Rivne	0	0	0	0	0	0	1	0	3	2	3
Sumy	27	39	40	35	14	27	34	54	112	97	129
Ternopil	0	0	1	1	1	1	4	3	11	10	13
Kharkiv	248	293	342	336	216	301	377	490	587	618	703
Kherson	96	115	155	173	216	289	352	147	365	240	361
Khmelnytskiy	0	1	3	5	5	3	4	6	20	24	42
Cherkasy	82	86	107	158	103	181	171	152	238	307	303
Chernivtsi	1	6	6	8	11	10	7	5	9	7	8
Chernihiv	2	2	7	12	6	12	13	13	37	38	61

8.34. Output of potatoes, by region

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**16732**	**14729**	**19838**	**18453**	**20755**	**19462**	**19467**	**19102**	**19545**	**19666**	**18705**
Autonomous Republic of Crimea	251	332	250	146	201	159	180	187	350	401	367
oblasts											
Vinnytsya	1072	1181	1418	1317	1578	1523	1385	1140	1549	1558	1580
Volyn	1198	622	1194	1042	1030	975	853	900	937	966	986
Dnipropetrovsk	302	398	683	595	674	584	581	379	570	450	434
Donetsk	312	615	763	564	789	720	705	621	624	552	474
Zhytomyr	1021	846	1065	1134	1191	1111	991	1039	1060	1100	1166
Zakarpattya	337	327	478	522	561	544	565	589	576	611	501
Zaporizhzhya	217	144	291	223	369	329	366	118	306	200	269
Ivano-Frankivsk	622	507	845	834	857	755	742	775	551	819	766
Kyiv	1102	1236	1351	1320	1181	1121	1303	1390	1478	1360	1496
Kirovohrad	353	532	317	434	657	532	500	299	483	426	416
Luhansk	223	301	359	356	446	670	602	509	534	419	340
Lviv	1332	899	1510	1462	1471	1297	1472	1522	1371	1504	1259
Mykolayiv	239	231	73	193	226	213	207	105	180	168	171
Odesa	249	212	316	136	337	406	298	110	201	184	541
Poltava	603	503	694	768	942	950	927	892	910	902	819
Rivne	884	648	876	962	1087	912	1046	1055	1011	1022	1066
Sumy	939	618	928	927	939	917	782	1049	896	987	980
Ternopil	1019	551	1043	777	803	682	807	894	789	916	831
Kharkiv	472	763	1183	829	1064	1270	958	1145	854	717	475
Kherson	210	212	295	239	252	207	222	209	248	245	250
Khmelnytskiy	1055	793	1077	998	1117	978	1153	1433	1262	1284	1084
Cherkasy	735	708	940	772	976	929	897	621	837	831	760
Chernivtsi	387	306	418	381	435	420	446	511	461	509	496
Chernihiv	1598	1244	1471	1522	1572	1258	1479	1610	1507	1535	1178

8.35. Output of vegetables, by region

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**6666**	**5880**	**5821**	**6538**	**6964**	**7295**	**8058**	**6835**	**7965**	**8341**	**8122**
Autonomous Republic of Crimea	428	225	186	132	127	128	160	210	286	398	399
oblasts											
Vinnytsya	238	208	196	234	241	293	318	231	318	303	311
Volyn	125	117	111	171	185	215	233	253	234	245	249
Dnipropetrovsk	456	638	433	492	499	494	525	469	541	554	560
Donetsk	618	488	444	401	519	475	533	454	413	431	415
Zhytomyr	149	203	194	205	207	203	219	190	211	210	209
Zakarpattya	128	122	123	208	216	218	227	235	240	244	246
Zaporizhzhya	310	299	231	252	311	298	367	237	279	258	282
Ivano-Frankivsk	99	87	134	151	131	127	126	123	107	119	122
Kyiv	464	381	295	333	309	402	459	439	513	461	455
Kirovohrad	183	249	213	325	300	269	253	164	247	234	218
Luhansk	288	246	249	159	180	278	341	231	311	275	257
Lviv	182	164	269	327	328	380	403	432	422	412	412
Mykolayiv	285	185	174	180	221	267	297	152	274	334	354
Odesa	462	232	301	436	599	526	569	241	486	483	474
Poltava	286	319	199	344	376	350	409	399	377	427	406
Rivne	127	104	134	170	185	171	189	171	219	216	216
Sumy	192	99	138	173	162	140	205	178	137	191	154
Ternopil	140	118	140	156	123	145	161	170	206	188	194
Kharkiv	277	396	416	455	500	523	537	545	509	488	464
Kherson	423	277	421	437	440	526	622	500	697	911	841
Khmelnytskiy	185	188	155	169	225	225	210	196	213	221	209
Cherkasy	321	253	344	320	252	296	316	225	297	330	281
Chernivtsi	124	76	146	135	152	184	186	196	190	209	219
Chernihiv	176	206	175	173	176	162	193	194	238	199	175

8.36. Output of fruit and berries, by region

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**2902**	**1897**	**1453**	**1697**	**1635**	**1690**	**1114**	**1470**	**1504**	**1618**	**1747**
Autonomous Republic of Crimea	501	90	133	126	30	59	37	55	106	77	116
oblasts											
Vinnytsya	240	142	73	182	148	185	153	208	162	213	189
Volyn	93	56	39	29	33	28	33	32	31	35	34
Dnipropetrovsk	159	126	196	165	164	166	78	152	157	108	131
Donetsk	160	140	158	158	217	228	44	93	96	98	102
Zhytomyr	47	53	24	32	24	35	28	31	24	42	31
Zakarpattya	139	116	104	86	64	66	63	64	84	94	97
Zaporizhzhya	152	88	58	83	78	81	18	67	68	20	59
Ivano-Frankivsk	69	118	25	32	31	32	32	31	32	36	39
Kyiv	77	53	22	48	37	25	24	28	26	42	52
Kirovohrad	34	42	24	17	26	22	17	17	20	20	27
Luhansk	102	68	53	62	36	38	8	29	24	18	17
Lviv	113	149	90	75	90	74	90	91	88	91	90
Mykolayiv	85	71	24	37	32	37	21	23	37	29	38
Odesa	111	35	66	105	110	114	81	49	68	64	74
Poltava	102	110	22	30	35	40	36	59	66	117	101
Rivne	72	41	35	39	68	52	63	55	58	68	86
Sumy	38	8	5	7	8	9	6	8	9	10	14
Ternopil	38	24	11	17	23	21	17	18	17	21	18
Kharkiv	147	109	34	72	44	71	25	74	49	64	65
Kherson	87	31	65	81	51	59	14	33	41	41	59
Khmelnytskiy	146	79	78	86	162	149	128	148	137	175	158
Cherkasy	69	24	36	43	35	24	29	27	27	29	37
Chernivtsi	87	72	53	64	69	63	58	62	62	88	97
Chernihiv	34	52	25	21	20	12	11	16	15	18	16

8.37. Output of grapes, by region

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**835,7**	**457,3**	**513,8**	**504,9**	**374,0**	**442,6**	**300,9**	**359,7**	**415,3**	**468,7**	**407,9**
Autonomous Republic of Crimea	315,7	116,2	179,4	167,7	83,0	116,3	58,7	118,6	116,9	125,3	111,9
oblasts											
Vinnytsya	2,6	2,4	0,7	0,3	2,1	2,1	2,3	2,4	2,6	2,8	2,6
Volyn	0,1	0,1	0,3	0,4	0,4	0,3	0,3	0,3	0,3	0,3	0,3
Dnipropetrovsk	6,0	6,4	5,3	5,2	5,7	6,6	5,5	6,6	7,0	6,7	6,7
Donetsk	1,6	11,8	16,1	14,0	9,5	11,5	3,3	6,3	6,4	6,4	6,6
Zhytomyr	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Zakarpattya	28,5	13,8	41,9	31,2	31,3	27,2	25,0	21,4	21,4	18,9	20,3
Zaporizhzhya	9,0	12,8	3,1	8,6	1,2	4,7	2,0	6,3	7,3	5,9	5,9
Ivano-Frankivsk	0,5	0,4	0,7	0,6	0,7	0,7	0,8	0,8	0,7	0,7	0,7
Kyiv	1,2	0,1	0,1	0,2	0,2	0,2	0,2	0,2	0,2	0,5	0,6
Kirovohrad	0,8	0,8	1,5	0,5	0,3	0,6	1,0	1,4	1,3	1,5	1,6
Luhansk	0,6	0,6	1,4	1,5	1,1	1,1	0,6	1,0	0,9	1,0	0,9
Lviv	0,3	0,3	1,4	1,1	1,3	1,2	1,2	1,2	1,2	1,2	1,2
Mykolayiv	61,4	56,1	30,2	30,6	25,0	37,4	21,4	27,1	48,7	45,8	38,9
Odesa	337,6	194,6	201,4	210,7	179,4	193,3	167,4	142,5	154,2	206,1	175,1
Poltava	0,3	0,3	0,4	0,6	0,7	0,6	0,7	0,7	1,1	1,5	1,8
Rivne	0,0	0,0	0,1	0,1	0,1	0,2	0,1	0,1	0,1	0,2	0,2
Sumy	0,0	0,0	0,2	0,3	0,3	0,3	0,2	0,2	0,3	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	0,7	0,4	0,4	0,3	0,6	0,6	0,7	0,6
Kherson	68,3	38,6	26,3	28,3	29,1	36,1	8,0	19,8	41,7	40,9	29,3
Khmelnytskiy	0,0	0,0	0,3	0,3	0,3	0,3	0,4	0,5	0,6	0,5	0,5
Cherkasy	0,4	0,7	0,5	0,7	0,7	0,5	0,4	0,4	0,5	0,3	0,8
Chernivtsi	0,0	0,4	1,0	0,9	0,8	0,7	0,8	0,9	0,9	0,9	0,9
Chernihiv	0,1	0,1	0,3	0,2	0,2	0,1	0,1	0,2	0,2	0,2	0,1

8.38. Yields of basic agricultural crops in 1940–2010

(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

8.39. Yields of basic of agricultural crops

(1 ha; centner)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Grain crops	35,1	24,3	19,4	18,2	28,3	26,0	24,1	21,8	34,6	29,8	26,9
Winter crops	39,1	28,9	19,4	14,5	31,0	27,5	24,9	23,1	35,7	30,0	25,9
wheat	40,2	30,1	20,0	14,1	32,6	29,0	25,6	23,9	37,1	31,2	27,1
rye	24,3	20,0	15,2	15,8	22,2	17,3	16,2	16,7	22,9	20,7	16,6
barley	37,2	26,5	18,9	16,7	28,2	21,2	23,5	18,2	31,2	27,7	22,4
Summer crops	29,4	20,5	19,5	19,3	26,3	24,6	23,6	20,7	33,5	29,4	28,2
of which											
wheat	30,2	16,9	15,4	17,2	22,8	21,8	22,1	17,6	27,2	26,3	21,0
barley	33,0	21,4	18,6	14,8	24,1	20,6	21,5	14,2	30,0	22,3	18,3
oats	26,8	19,9	18,3	17,3	19,7	17,6	15,6	15,3	21,2	17,6	14,8
corn grain	38,7	29,2	30,1	34,6	38,6	43,2	37,4	39,0	46,9	50,2	45,1
millet	17,2	17,0	11,6	13,2	12,2	11,7	10,8	9,2	15,6	13,6	13,7
buckwheat	11,6	7,6	9,1	9,6	7,6	6,9	6,4	7,0	8,5	7,4	6,7
rice	42,5	36,4	35,6	37,5	37,7	43,4	46,0	51,1	50,9	58,3	50,5
legumes	23,1	14,5	17,0	11,9	22,1	18,9	19,2	11,4	21,4	17,5	15,1
Sugar beets (for processing)	276	205	177	201	238	248	285	294	356	315	279
Sunflowers	15,8	14,2	12,2	11,2	8,9	12,8	13,6	12,2	15,3	15,2	15,0
Rape	14,5	8,5	8,4	9,4	13,9	14,6	15,7	13,1	20,8	18,5	17,0
Soya	11,3	9,7	10,6	12,2	14,2	14,5	12,4	12,4	15,1	16,8	16,2
Flax (fiber)	6,4	5,0	4,2	4,1	5,0	5,4	5,1	3,3	5,1	6,5	4,0
Potatoes	117	96	122	116	133	128	133	131	139	139	132
Vegetables	149	120	112	139	149	157	171	152	174	183	174
Fodder roots (including fodder sugar beets)	399	272	238	246	273	273	279	273	309	303	276
Corn for silage and green fodder	208	177	131	149	146	163	155	142	179	178	160
Annual hay grass	35,7	29,4	22,4	21,3	25,7	27,5	30,0	27,8	31,1	30,6	32,0
Perennial hay grass	38,7	30,3	20,6	21,7	25,8	29,7	31,7	30,1	35,3	32,2	35,8
Fruit and berries	42,7	29,8	38,4	56,0	58,1	63,7	45,0	61,7	64,4	70,7	78,2
Grapes	58,3	33,2	51,7	59,0	45,2	54,9	39,7	50,5	58,6	66,0	60,3

8.40. Yields of grain crops in 2010, by region

(1 ha; centner)

	Grain crops	Including					
		wheat	rye	barley	oats	corn grain	millet
Ukraine	**26,9**	**26,8**	**16,7**	**19,7**	**14,8**	**45,1**	**13,7**
Autonomous Republic of Crimea	21,2	21,2	19,6	18,3	12,5	80,4	22,2
oblasts							
Vinnytsya	36,9	32,9	19,5	24,6	18,5	65,0	16,7
Volyn	24,1	26,0	16,6	22,0	16,7	60,8	8,9
Dnipropetrovsk	25,3	28,5	17,1	18,5	14,5	30,4	16,8
Donetsk	24,8	29,8	20,3	18,3	14,3	21,4	11,5
Zhytomyr	29,4	25,2	15,6	22,7	14,2	62,3	13,3
Zakarpattya	32,8	21,2	21,9	21,0	17,5	45,3	—
Zaporizhzhya	22,7	26,1	16,7	16,9	13,7	31,1	13,5
Ivano-Frankivsk	29,2	24,8	21,2	23,9	16,2	47,7	9,1
Kyiv	33,0	25,1	17,3	25,5	16,3	54,1	12,3
Kirovohrad	28,9	30,1	21,7	18,7	16,5	47,5	14,6
Luhansk	19,6	23,5	16,8	13,3	10,1	17,4	10,5
Lviv	25,8	25,3	16,6	20,0	16,8	52,1	12,0
Mykolayiv	25,1	28,5	18,7	20,6	15,0	43,2	15,0
Odesa	25,5	28,3	22,4	21,5	15,3	41,0	14,1
Poltava	30,8	26,1	20,1	18,8	16,9	43,8	17,2
Rivne	26,6	29,0	20,1	23,9	19,0	48,8	5,4
Sumy	22,1	22,0	15,8	17,0	12,6	34,9	12,8
Ternopil	27,7	25,1	14,9	21,1	13,3	52,7	10,4
Kharkiv	18,7	20,8	15,4	14,2	11,7	26,0	13,0
Kherson	22,1	24,3	14,1	16,3	13,2	52,9	14,2
Khmelnytskiy	31,5	28,8	18,0	23,6	15,6	59,5	11,9
Cherkasy	39,1	35,0	21,6	25,1	17,7	57,2	19,4
Chernivtsi	37,9	26,6	13,2	22,4	11,7	52,3	6,0
Chernihiv	25,1	21,7	13,5	20,8	12,7	39,7	10,6

8.41. Yields of major of agricultural crops in 2010, by region

(1 ha; centner)

	Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruits and berries
Ukraine	**279**	**15,0**	**132**	**174**	**78,2**
Autonomous Republic of Crimea	—	13,7	136	173	84,6
oblasts					
Vinnytsya	327	16,8	155	196	87,1
Volyn	294	10,4	150	213	92,1
Dnipropetrovsk	213	15,3	89	184	95,1
Donetsk	171	13,8	78	144	101,5
Zhytomyr	233	15,4	197	212	65,2
Zakarpattya	—	11,1	141	187	79,1
Zaporizhzhya	198	13,3	91	129	68,4
Ivano-Frankivsk	218	13,9	127	126	45,2
Kyiv	268	18,4	159	199	57,6
Kirovohrad	286	17,1	99	128	46,3
Luhansk	32	10,5	87	182	25,7
Lviv	380	16,8	133	181	69,6
Mykolayiv	391	14,8	87	191	70,4
Odesa	193	14,4	152	158	82,0
Poltava	249	19,7	129	181	144,0
Rivne	329	11,3	155	198	121,5
Sumy	232	15,1	154	167	41,6
Ternopil	256	12,3	145	200	32,4
Kharkiv	151	16,2	63	161	70,3
Kherson	—	12,3	104	194	74,5
Khmelnytskiy	337	15,3	161	205	103,8
Cherkasy	276	20,9	125	138	61,9
Chernivtsi	248	13,1	149	182	81,4
Chernihiv	316	15,7	141	159	40,1

8.42. Collective horticulture[1] and market gardening

	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

[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	2003	2004	2005	2006	2007	2008	2009	2010
Mineral fertilisers											
Fertilisers used in conventional units, total, thsd.t	4241,6	524,7	278,7	379,0	518,6	557,9	699,3	896,5	1064,7	886,8	1060,6
Fertilised area, mln.ha	25,1	8,2	4,6	5,8	7,9	7,8	9,5	10,9	12,9	11,5	12,6
Share of fertilised area, percent	83	32	22	34	44	45	55	62	69	63	70
Fertilisers in conventional units used per 1 hectare of sown area, kg	141	21	13	22	29	32	40	51	57	48	58
Organic fertilisers											
Fertilisers, total, mln.t	257,1	80,6	28,4	17,4	15,1	13,2	13,0	11,9	10,5	10,4	9,9
Fertilised area, mln.ha	5,4	1,8	0,7	0,6	0,5	0,5	0,5	0,5	0,5	0,5	0,4
Share of fertilised area, percent	18	7	3	3	3	3	3	3	3	3	2
Fertilisers used per 1 hectare of sown area, t	8,6	3,2	1,3	1,0	0,8	0,8	0,7	0,7	0,6	0,6	0,5

8.44. Supply of crop products for processing enterprises

(thsd.t)

	2002	2003	2004	2005	2006	2007	2008	2009	2010
Grain crops									
Supply, total	**7783**	**7512**	**9389**	**8616**	**7829**	**8841**	**10628**	**10263**	**8907**
from									
agricultural enterprises	3109	1861	3486	3310	2805	2669	4828	5061	4399
agricultural holdings of households	224	120	94	70	80	58	42	68	69
other economic structures	4450	5531	5809	5236	4944	6114	5758	5134	4439
of the total volume, by type of crop									
wheat	4846	3760	4848	4340	4016	4981	5995	5707	4735
rye	700	638	567	456	367	249	322	439	363
corn	690	1607	2003	2065	1952	2224	2369	2452	2452
barley	1053	1029	1331	1231	1089	1034	1589	1240	1069
oats	100	123	141	90	70	112	111	97	81
millet	24	48	59	57	17	17	18	21	28
buckwheat	149	152	167	150	124	107	110	131	92
rice	13	21	18	18	19	32	22	26	24
leguminous crops	142	85	167	146	131	43	35	63	44
Sugar beets (including raw materials supplied by customers)									
Supply, total	**12882**	**12086**	**14891**	**14197[1]**	**21011[1]**	**15597[1]**	**12277[1]**	**9399[1]**	**13254[1]**
from									
agricultural enterprises	9218	9190	11409	10909	16367	12589	9668	6329	9154
agricultural holdings of households	2911	2209	2703	2229	2336	1008	297	196	537
other economic structures	753	687	779	1059	1290	531	781	262	574

[1] Including own production of processing enterprises

CATTLE RAISING

8.45. Livestock and poultry population in 1915–2010

(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	4811	7765	6740	5465	2245	…
1955	12424	6209	11736	9261	8052	2199	95,8
1960	17632	7813	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

8.46. Livestock and poultry population, by category of enterprises

(end of year; thsd. heads)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
All categories											
Cattle	24623	17557	9424	7712	6903	6514	6175	5491	5079	4827	4494
of which cows	8378	7531	4958	4284	3926	3635	3347	3096	2856	2737	2631
Pigs	19427	13144	7652	7322	6466	7053	8055	7020	6526	7577	7960
Sheep and goats	8419	4099	1875	1859	1755	1630	1617	1679	1727	1833	1732
of which sheep	7896	3209	963	893	875	872	925	1034	1096	1197	1101
Poultry, mln. heads	246,1	149,8	123,7	142,4	152,8	162,0	166,5	169,3	177,6	191,4	203,8
Agricultural enterprises											
Cattle	21083	13701	5037	3165	2691	2492	2294	1927	1720	1627	1526
of which cows	6192	4595	1851	1100	950	866	764	679	624	605	589
Pigs	14071	7152	2414	2273	2098	2602	3257	2870	2731	3308	3625
Sheep and goats	7166	2424	413	301	271	271	283	301	300	316	299
of which sheep	7164	2420	412	299	269	269	281	298	298	313	295
Poultry, mln. heads	133,0	54,1	25,3	42,3	50,6	66,6	72,2	80,1	88,0	100,4	110,5
including farms											
Cattle	0	27	102	106	103	110	112	105	99	98	95
of which cows	0	16	36	36	36	38	38	38	37	37	37
Pigs	0	40	54	88	82	150	232	248	231	273	295
Sheep and goats	0	20	6	18	27	33	43	54	56	60	58
of which sheep	0	17	6	18	27	33	43	54	56	59	56
Poultry, mln. heads	0,0	0,3	0,1	0,3	0,4	1,1	1,1	1,6	2,3	2,7	2,9
Agricultural holdings of households											
Cattle	3540	3856	4387	4547	4212	4022	3881	3564	3359	3200	2968
of which cows	2186	2936	3107	3184	2976	2769	2583	2417	2232	2132	2042
Pigs	5356	5992	5238	5049	4368	4451	4798	4150	3795	4269	4335
Sheep and goats	1253	1675	1462	1558	1484	1359	1334	1378	1427	1517	1433
of which sheep	732	789	551	594	606	603	644	736	798	884	806
Poultry, mln. heads	113,1	95,7	98,4	100,1	102,2	95,4	94,3	89,2	89,6	91,0	93,3

8.47. Livestock and poultry population in 2010, by region

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry
	total	of which cows			
Ukraine	**4494**	**2631**	**7960**	**1732**	**203840**
Autonomous Republic of Crimea	143	75	185	313	12324
oblasts					
Vinnytsya	317	179	440	38	10285
Volyn	191	124	330	15	5513
Dnipropetrovsk	134	81	582	59	17727
Donetsk	142	71	507	87	15191
Zhytomyr	225	142	218	25	5546
Zakarpattya	143	102	286	135	3126
Zaporizhzhya	109	62	370	46	6057
Ivano-Frankivsk	186	121	243	25	6761
Kyiv	151	81	508	29	21496
Kirovohrad	123	68	277	42	4574
Luhansk	115	62	153	61	6129
Lviv	252	162	296	23	7962
Mykolayiv	141	92	167	49	4198
Odesa	183	104	385	398	5551
Poltava	264	137	361	43	4726
Rivne	174	115	345	15	5686
Sumy	164	98	201	38	3726
Ternopil	182	112	370	11	4337
Kharkiv	195	101	285	74	10016
Kherson	122	79	205	63	3890
Khmelnytskiy	269	157	331	24	5070
Cherkasy	209	95	488	39	27020
Chernivtsi	117	70	182	47	3367
Chernihiv	243	141	245	33	3562

8.48. Output of basic animal products in 1940–2010

	Meat (slaughter weight), thsd.t	Milk, mln.t	Eggs, mln.pcs	Wool, thsd.t
1940	1127	7,1	3273	13,5
1950	1195	6,8	3490	11,9
1955	1351	9,7	4292	18,0
1960	2068	14,0	7187	27,6
1965	2221	16,6	6941	22,1
1970	2850	18,7	9202	24,8
1975	3516	21,3	12429	28,8
1980	3500	21,1	14606	27,2
1985	3918	23,0	16645	28,7
1990	4358	24,5	16287	29,8
1995	2294	17,3	9404	13,9
2000	1663	12,7	8809	3,4
2001	1517	13,4	9668	3,3
2002	1648	14,1	11309	3,4
2003	1725	13,7	11477	3,3
2004	1600	13,7	11955	3,2
2005	1597	13,7	13046	3,2
2006	1723	13,3	14235	3,3
2007	1912	12,3	14063	3,4
2008	1906	11,8	14957	3,7
2009	1917	11,6	15908	4,1
2010	2059	11,2	17052	4,2

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

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
All categories											
Meat (slaughter weight), thsd.t	4358	2294	1663	1725	1600	1597	1723	1912	1906	1917	2059
of which											
beef and veal	1986	1186	754	723	618	562	567	546	480	454	428
pork	1576	807	676	631	559	494	526	635	590	526	631
poultry	708	235	193	324	375	497	589	689	794	894	954
Milk, mln.t	24,5	17,3	12,7	13,7	13,7	13,7	13,3	12,3	11,8	11,6	11,2
Eggs, mln.pcs	16287	9404	8809	11477	11955	13046	14235	14063	14957	15908	17052
Wool, thsd.t	29,8	13,9	3,4	3,3	3,2	3,2	3,3	3,4	3,7	4,1	4,2
Agricultural enterprises											
Meat (slaughter weight), thsd.t	3099	1107	438	530	514	588	736	919	980	1034	1134
of which											
beef and veal	1808	816	305	239	174	154	159	167	131	114	105
pork	894	203	91	124	107	111	162	222	211	207	256
poultry	357	65	36	162	229	320	413	527	635	711	772
Milk, mln.t	18,6	9,5	3,7	2,7	2,5	2,6	2,5	2,2	2,1	2,2	2,2
Eggs, mln.pcs	10126	4171	2977	5040	5531	6458	7633	7605	8471	9258	10249
Wool, thsd.t	26,5	9,7	1,3	0,9	0,8	0,7	0,7	0,7	0,8	0,8	0,7
including farms											
Meat (slaughter weight), thsd.t	0	7	8	12	11	14	25	40	46	41	48
of which											
beef and veal	0	3	6	7	6	6	6	9	7	6	6
pork	0	2	2	3	3	3	8	15	15	10	15
poultry	0	1	0	1	2	4	10	16	24	24	27
Milk, mln.t	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Eggs, mln.pcs	0	10	7	10	8	19	51	60	62	74	78
Wool, thsd.t	0,0	0,1	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Agricultural holdings of households											
Meat (slaughter weight), thsd.t	1259	1187	1225	1195	1086	1009	987	993	926	883	925
of which											
beef and veal	178	370	449	484	444	408	408	379	349	340	323
pork	682	604	585	507	452	383	364	413	379	319	375
poultry	351	170	157	162	146	177	176	162	159	183	182
Milk, mln.t	5,9	7,8	9,0	11,0	11,2	11,1	10,8	10,1	9,7	9,4	9,0
Eggs, mln.pcs	6161	5233	5832	6437	6424	6588	6602	6458	6486	6650	6803
Wool, thsd.t	3,3	4,2	2,1	2,4	2,4	2,5	2,6	2,7	2,9	3,3	3,5

8.50. Output of meat, by category

(slaughter weight; thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**4358**	**2294**	**1663**	**1725**	**1600**	**1597**	**1723**	**1912**	**1906**	**1917**	**2059**
Beef and veal	1986	1186	754	723	618	562	567	546	480	454	428
Pork	1576	807	676	631	559	494	526	635	590	526	631
Mutton and goat meat	46	40	17	17	17	16	15	15	17	18	21
Poultry meat	708	235	193	324	375	497	589	689	794	894	954
Rabbit meat	30	19	14	14	14	13	13	13	13	13	13
Horse meat	12	7	9	16	17	15	13	14	12	12	12

8.51. Output of meat, by region

(slaughter weight; thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**4358**	**2294**	**1663**	**1725**	**1600**	**1597**	**1723**	**1912**	**1906**	**1917**	**2059**
Autonomous Republic of Crimea	202	93	69	94	102	115	120	136	138	139	145
oblasts											
Vinnytsya	233	140	93	85	67	49	61	72	67	60	62
Volyn	108	54	43	53	55	59	69	78	86	88	94
Dnipropetrovsk	265	123	85	97	94	118	137	159	185	197	207
Donetsk	241	120	86	82	82	89	101	106	97	97	103
Zhytomyr	159	87	64	55	50	45	49	46	45	44	48
Zakarpattya	67	49	45	49	44	44	45	49	51	50	50
Zaporzhizhya	198	99	74	68	51	52	55	65	55	53	57
Ivano-Frankivsk	94	61	52	55	55	56	61	64	64	61	64
Kyiv	265	171	116	140	136	165	195	222	215	206	193
Kirovohrad	159	72	53	55	51	45	43	52	44	40	46
Luhansk	167	74	51	45	44	48	46	48	45	43	45
Lviv	181	85	69	82	83	82	90	99	106	107	115
Mykolayiv	151	59	49	30	29	28	27	32	29	25	29
Odesa	233	98	89	74	67	51	47	59	48	44	46
Poltava	225	122	67	56	42	40	48	54	44	44	50
Rivne	116	71	60	60	51	46	48	54	52	50	50
Sumy	154	91	68	65	61	56	56	44	42	37	40
Ternopil	123	74	48	51	45	40	40	40	38	35	37
Kharkiv	228	111	84	106	99	95	96	92	79	82	83
Kherson	168	80	56	51	38	40	41	44	43	41	42
Khmelnytskiy	156	108	74	78	69	48	48	49	45	42	48
Cherkasy	195	96	74	98	99	102	113	157	203	253	326
Chernivtsi	81	47	29	32	30	31	34	37	40	39	39
Chernihiv	189	109	65	64	56	53	53	54	45	40	40

8.52. Output of milk, by region

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**24508**	**17274**	**12658**	**13661**	**13710**	**13714**	**13287**	**12262**	**11761**	**11610**	**11249**
Autonomous Republic of Crimea	890	518	403	409	375	347	337	360	363	367	353
oblasts											
Vinnytsya	1277	938	655	778	772	849	852	830	840	842	836
Volyn	848	564	458	503	522	551	546	509	485	462	450
Dnipropetrovsk	1263	922	522	508	493	494	474	416	381	359	340
Donetsk	1193	709	473	535	500	514	476	405	371	360	339
Zhytomyr	1124	862	656	692	710	732	728	640	614	602	578
Zakarpattya	375	352	360	393	438	396	395	397	394	385	392
Zaporizhzhya	992	583	354	363	376	384	376	317	304	287	262
Ivano-Frankivsk	571	544	523	566	571	576	570	539	495	486	466
Kyiv	1592	1010	679	695	710	693	613	541	506	476	451
Kirovohrad	871	546	385	398	392	395	390	366	346	347	343
Luhansk	887	506	318	384	398	409	371	349	319	316	284
Lviv	1084	961	1032	1000	959	930	892	813	731	683	656
Mykolayiv	743	527	347	425	445	432	413	379	369	368	364
Odesa	987	637	532	702	719	606	536	467	416	414	404
Poltava	1316	951	589	654	672	754	800	681	656	718	701
Rivne	766	576	436	472	510	502	499	472	456	448	433
Sumy	1025	719	480	498	502	498	487	457	454	456	431
Ternopil	808	655	506	490	490	485	470	452	424	419	417
Kharkiv	1271	812	540	625	561	567	531	487	489	481	467
Kherson	799	515	320	349	344	357	354	321	321	319	306
Khmelnytskiy	1087	906	657	731	759	722	689	639	625	620	608
Cherkasy	1010	727	499	506	504	519	516	502	494	491	479
Chernivtsi	474	365	333	364	366	368	361	344	328	312	308
Chernihiv	1255	869	601	621	622	634	611	579	580	592	581

8.53. Output of eggs, by region

(mln.pcs)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**16287**	**9404**	**8809**	**11477**	**11955**	**13046**	**14235**	**14063**	**14957**	**15908**	**17052**
Autonomous Republic of Crimea	1117	551	447	548	548	582	609	652	699	763	811
oblasts											
Vinnytsya	683	394	349	416	426	570	639	648	711	711	798
Volyn	311	199	159	212	214	219	213	190	185	184	182
Dnipropetrovsk	1066	591	437	686	738	881	975	880	904	956	998
Donetsk	1287	574	854	1098	1262	1389	1442	1320	1476	1599	1868
Zhytomyr	385	271	271	401	409	441	502	471	483	479	489
Zakarpattya	278	240	230	293	295	299	290	289	294	300	317
Zaporizhzhya	833	364	345	544	480	557	659	609	595	699	740
Ivano-Frankivsk	298	220	236	246	298	347	506	618	623	634	731
Kyiv	1456	975	787	1187	1378	1463	1704	1785	1833	2048	2007
Kirovohrad	462	218	179	256	269	283	298	339	451	452	499
Luhansk	706	419	380	576	591	609	656	624	742	719	844
Lviv	729	446	466	516	517	548	563	542	548	572	577
Mykolayiv	457	219	164	225	237	314	327	337	386	474	573
Odesa	1151	800	657	688	684	684	618	515	504	586	584
Poltava	687	446	405	557	529	538	574	557	540	620	620
Rivne	262	177	194	302	308	328	331	356	364	412	434
Sumy	532	299	285	326	335	371	384	323	270	265	268
Ternopil	359	271	234	293	278	290	385	353	350	352	370
Kharkiv	1107	566	479	636	696	752	883	788	951	984	1101
Kherson	393	205	190	220	232	250	261	277	441	381	437
Khmelnytskiy	419	181	160	182	172	193	219	353	303	460	392
Cherkasy	561	284	379	470	453	535	614	616	675	669	747
Chernivtsi	265	181	183	235	249	244	258	330	359	342	408
Chernihiv	483	313	339	364	357	359	325	291	270	247	257

8.54. Livestock and poultry productivity

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Average annual milk yield per cow, kg											
All categories	2863	2204	2359	2887	3185	3487	3652	3665	3793	4049	4082
Agricultural enterprises	2941	1908	1588	2043	2475	2952	3083	3131	3366	3893	3975
Agricultural holdings of households	2637	2722	2960	3220	3410	3643	3815	3804	3903	4090	4110
Average annual wool yield per sheep, kg											
All categories	3,4	2,9	3,0	3,3	3,4	3,5	3,6	3,6	3,5	3,6	3,4
Agricultural enterprises	3,4	2,5	2,4	2,5	2,6	2,6	2,6	2,7	2,7	2,8	2,3
Agricultural holdings of households	4,2	4,2	3,8	3,8	3,8	3,8	4,0	4,0	3,8	3,9	3,8
Average annual egg laying per hen, pcs											
Agricultural enterprises	214	171	213	254	271	274	271	275	278	280	281

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

(kg)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
All categories											
Cattle	393	333	320	347	364	381	394	395	411	434	427
Pigs	127	105	101	111	109	112	113	110	109	109	109
Sheep and goats	36	34	40	44	45	44	46	50	50	50	47
Agricultural enterprises											
Cattle	393	326	311	339	356	375	390	383	403	423	414
Pigs	127	102	91	107	107	110	109	107	106	108	108
Sheep and goats	36	34	35	43	36	40	37	50	43	45	47
Agricultural holdings of households											
Cattle	360	364	328	354	373	386	397	406	418	451	452
Pigs	157	147	116	125	125	138	131	122	126	131	132
Sheep and goats	38	41	42	45	46	44	48	51	53	59	48

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

(kg)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**2863**	**2204**	**2359**	**2887**	**3185**	**3487**	**3652**	**3665**	**3793**	**4049**	**4082**
Autonomous Republic of Crimea	3467	2311	2503	3038	3229	3415	3606	3788	3880	4031	3639
oblasts											
Vinnytsya	2928	2312	2316	2953	3185	3658	3723	3867	4058	4389	4570
Volyn	2699	2044	2147	2586	2876	3239	3448	3467	3525	3602	3673
Dnipropetrovsk	2832	2068	2231	2857	3263	3710	3942	3763	3864	3996	4018
Donetsk	3066	2044	2399	3005	3120	4213	4238	4099	4190	4476	4438
Zhytomyr	2739	2200	2121	2660	3076	3358	3593	3456	3660	3930	4024
Zakarpattya	2647	2458	2554	2759	2901	2829	3038	3128	3246	3426	3582
Zaporizhzhya	2685	1809	2116	2933	3307	4100	4348	3914	4127	4233	4041
Ivano-Frankivsk	2533	2342	2475	2774	3007	3262	3439	3458	3475	3690	3647
Kyiv	3228	2493	2597	3240	3822	4262	4335	4456	4768	5106	5248
Kirovohrad	2690	1961	2553	3136	3322	3837	4027	4080	4185	4555	4630
Luhansk	2868	2019	2134	2984	3210	3724	4137	4422	4338	4719	4296
Lviv	2704	2419	3132	3146	3345	3590	3821	3816	3837	3873	3861
Mykolayiv	2585	2162	2037	2947	3322	3482	3543	3562	3608	3769	3839
Odesa	2651	1871	2263	3002	3250	3178	3506	3363	3520	3796	3697
Poltava	3167	2500	2352	2927	3321	3963	4353	4011	4113	4760	4826
Rivne	2769	2250	2131	2367	2857	3107	3240	3307	3423	3669	3682
Sumy	2842	2241	2271	2760	2945	3084	3229	3424	3744	4110	4142
Ternopil	2650	2311	2508	2757	3014	3107	3102	3194	3191	3456	3563
Kharkiv	2979	1980	2137	2935	3140	3537	3789	3877	4264	4568	4560
Kherson	2945	2027	2122	2866	3055	3301	3487	3454	3588	3698	3790
Khmelnytskiy	2760	2362	2383	2917	3256	3329	3324	3323	3446	3706	3816
Cherkasy	3185	2528	2389	3048	3354	3732	3866	4078	4271	4561	4682
Chernivtsi	3207	2445	2620	3043	3401	3645	3779	3817	3930	4083	4084
Chernihiv	2675	2110	2177	2667	2919	3159	3223	3352	3534	3897	4075

8.57. Livestock and poultry feeds used

(normative units)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
All categories											
Fodder, total, mln.t	103,6	71,0	42,5	40,5	38,5	37,5	38,3	36,0	34,6	34,8	33,9
of which concentrated fodder	35,5	22,3	12,0	12,5	12,1	12,9	13,8	13,6	13,2	14,7	14,8
Fodder consumption per one conventional head, centner	32,5	30,3	29,6	30,5	32,1	32,4	32,8	31,9	32,2	32,3	30,8
Agricultural enterprises											
Fodder, total, mln.t	78,2	45,0	16,0	12,2	11,2	11,8	12,2	11,6	11,0	11,8	11,8
of which concentrated fodder	27,7	14,4	4,2	4,6	4,7	5,6	6,5	6,7	6,8	7,8	7,9
Fodder consumption per one conventional head, centner	32,5	29,0	25,5	26,2	28,5	30,2	29,4	28,2	27,8	28,7	26,7

8.58. Animal products supplied for processing enterprises

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Livestock and poultry (live weight)											
Supply, total	**4609**	**1118**	**452**	**575**	**432**	**489**	**1092[1]**	**1336[1]**	**1250[1]**	**1114[1]**	**1443[1]**
from											
agricultural enterprises	4314	872	207	271	249	280	349	411	348	295	343
agricultural holdings of households	295	236	238	297	178	200	244	289	197	104	106
other economic structures	—	10	7	7	5	9	29	54	57	51	64
out of the total by type											
cattle	—	828	342	440	314	335	378[2]	433[2]	332[2]	236[2]	225[2]
pigs	—	132	74	113	99	108	199[2]	285[2]	235[2]	176[2]	230[2]
poultry	—	44	17	10	10	38	505[2]	604[2]	669[2]	692[2]	948[2]
Milk and dairy products											
Supply, total	**17958**	**6066**	**3335**	**4413**	**5237**	**5689**	**5649[1]**	**6078[1]**	**5444[1]**	**4742[1]**	**4793[1]**
from											
agricultural enterprises	17943	5911	1790	1577	1650	1797	1831	1671	1719	1867	1890
agricultural holdings of households	15	155	1515	2799	3528	3814	3392	3848	3340	2550	2544
other economic structures	—	—	30	37	59	78	384	510	338	254	303

[1] Including goods for processing and own production of processing enterprises
[2] See the footnote to Table 8.44

HUNTING

8.59. Basic hunting indicators

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total hunting estates	…	719	841	928	954	868	865	886	921	988	908
Area of hunting lands, end of year, mln.ha	51,8	50,6	47,8	47,5	47,2	47,3	47,2	47,3	46,9	46,5	46,7
of which covered by hunting regulations	51,7	46,4	37,1	36,1	38,2	39,5	42,5	45,0	45,7	43,9	44,6
Total staff engaged in hunting	3652	4432	4965	5530	5767	5887	5818	6060	6361	6600	7181
Number of hunting animals, thsd. heads											
ungulates	254,6	237,3	177,8	184,8	187,6	195,0	197,1	208,0	218,1	232,2	239,0
fur animals	2134,2	2497,7	2416,4	2412,0	2335,0	2348,4	2290,4	2224,7	2278,3	2245,6	2249,6
furred game	5098,0	11794,6	9417,5	9037,8	9201,7	9280,9	9753,8	9647,1	10139,7	10015,2	10672,9
Expenditure on hunting management, mln. UAH[1]	14,8	640,7	20,8	34,9	44,5	58,1	70,4	93,1	121,2	142,0	183,8
including											
Expenditure on protection, reproduction and registration of wild animals, regulation of hunting lands	6,1	218,0	9,4	13,7	17,6	21,1	24,4	33,8	44,4	49,9	66,8
Expenditure on artificial breeding of game animals for placement in the wild environment	1,2	6,7	0,3	0,5	0,9	1,2	1,4	2,1	3,8	4,4	4,1

[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	2003	2004	2005	2006	2007	2008	2009	2010
Ungulates, heads	**271826**	**237279**	**177788**	**184804**	**187630**	**195005**	**197103**	**208009**	**218103**	**232245**	**238975**
Elk	14796	9068	4771	4489	4596	4510	4396	4730	5042	5573	5524
Deer	24925	21342	15986	16734	16992	17606	17899	18480	19610	20219	19996
Wild boars	59757	47070	36181	38796	40351	43119	44808	48982	53084	58571	61715
Roe deer	172348	157035	118974	121666	122476	126267	126556	131831	136441	143574	147728
European bisons	…	659	426	375	325	303	306	258	269	278	268
Fallow deer	…	1331	1021	2217	2268	2692	2664	3143	3083	3423	3232
Moufflons	…	723	370	449	539	419	391	491	476	496	420
Koulans	…	51	59	78	83	89	83	94	98	111	92
Fur animals, thsd. heads	**2194,9**	**2497,7**	**2416,4**	**2412,0**	**2335,0**	**2348,4**	**2290,4**	**2224,7**	**2278,3**	**2245,6**	**2249,6**
Squirrels	59,5	55,8	59,5	60,8	58,6	62,1	61,1	61,8	64,1	66,7	66,8
Hares	1956,8	2062,6	1874,1	1857,3	1808,2	1789,8	1738,1	1659,2	1701,8	1661,9	1645,9
Martens	32,8	39,0	53,1	57,3	55,7	59,5	59,6	63,3	64,1	62,4	63,2
Foxes	82,9	87,1	116,3	88,2	84,3	87,8	85,6	80,4	77,8	75,3	79,7
Musk-rats	52,0	85,0	146,4	182,6	159,0	172,0	177,2	183,9	186,6	183,2	187,0
Minks	1,3	2,5	3,4	3,2	3,5	3,6	4,4	4,5	4,8	5,6	5,8
Beavers	7,6	9,3	15,0	19,1	19,7	23,4	26,5	30,8	35,4	38,9	43,1
Wolves	1,5	2,1	2,8	2,4	2,4	2,6	2,4	2,6	2,7	2,6	2,7
Brown bears	0,6	0,4	0,3	0,3	0,3	0,3	0,4	0,3	0,4	0,4	0,4
Wild rabbits	…	0,7	0,2	0,3	0,3	0,3	0,1	0,1	0,4	0,1	0,2
Steppe marmots	…	110,5	76,7	65,7	68,6	69,8	54,5	56,4	56,5	62,4	67,4
Racoon dogs	…	8,2	9,9	9,7	10,1	10,6	11,0	10,5	10,9	10,6	11,2
Badgers	…	15,7	24,7	23,5	24,1	24,7	26,2	26,2	27,2	27,0	26,5
Otters	…	5,6	8,7	10,7	11,0	11,7	11,9	12,2	13,1	13,3	13,4
Black polecats	…	12,6	20,0	22,4	21,7	21,8	23,1	24,3	23,7	24,9	25,7
Forest cats	…	0,4	0,6	0,9	0,9	1,0	1,0	1,1	1,1	1,2	1,2
Lynces	…	0,3	0,3	0,4	0,4	0,4	0,5	0,4	0,4	0,6	0,4
Ermines	…	…	4,4	7,0	6,2	7,0	6,8	6,7	7,3	8,5	9,0
Coypus	…	…	0,0	0,2	—	0,0	—	0,0	—	0,0	—
Furred game, thsd. heads	**5112,6**	**11794,6**	**9417,5**	**9037,8**	**9201,7**	**9280,9**	**9753,8**	**9647,1**	**10139,7**	**10015,2**	**10672,9**
Partridges	769,8	1026,4	1013,7	909,0	882,0	890,1	902,6	872,0	930,7	986,9	992,5
Wood grouses	4,4	4,0	3,8	4,3	4,3	3,8	3,9	3,6	3,8	3,6	3,8
Black grouses	16,4	17,1	13,3	12,3	12,8	12,7	13,7	13,3	13,0	12,5	11,0
Geese	238,7	730,5	162,2	130,5	98,4	103,7	124,1	109,8	100,9	104,5	117,5
Ducks	4083,3	4251,0	3125,3	2938,7	2984,9	2892,8	2907,4	2899,3	2932,8	2719,2	2866,2
Pheasants	…	406,3	271,2	289,6	278,0	281,6	282,3	305,0	292,8	316,8	336,4
Quails	…	602,3	799,3	830,6	809,0	927,9	1083,0	1053,1	1232,1	1205,3	1399,2
Hazel-grouses	…	13,0	16,4	19,2	20,0	21,6	22,7	22,5	23,2	23,4	23,9
Swans	…	15,0	55,1	24,1	26,4	21,9	21,0	18,2	20,2	22,1	19,1
Bittern	…	1675,5	1527,4	1584,0	1699,6	1667,1	1747,4	1744,1	1826,3	1779,9	1892,7
Sandpipers	…	1208,3	1018,0	785,7	904,7	938,4	1064,0	1045,5	1054,2	1097,0	1130,1
Pigeons	…	1845,2	1411,8	1509,8	1481,6	1519,3	1581,7	1560,7	1709,7	1744,0	1880,5

FORESTRY

8.61. Forest and forested area

(from the State Agency of Land Resources of Ukraine as of January, 1, 2011)

Area, thsd.ha	10601,1
of which forested area	9677,2

8.62. Basic indicators of forestry operations

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Forestry products, operations and services (at current price), mln. UAH	…	…	744,4	1108,9	1594,6	1991,1	2451,1	2956,3	3382,7	3138,1	4097,7
of which logging products	…	…	…	970,9	1408,6	1747,9	2150,6	2576,2	2903,9	2653,6	3530,2
Marketable timber produced, thsd.cub.m	12642	9741	11262	14266	15432	15244	15849	16884	15724	14221	16146
Main use felling	5755	4574	5236	6139	6488	6456	6828	7075	6997	6704	7239
Forest maintenance and reproduction felling and other activities	6887	5167	6025	8127	8944	8788	9021	9809	8727	7517	8907
Felling area, thsd.ha	536,4	504,2	455,1	465,2	468,7	464,7	468,2	476,2	425,3	357,9	402,2
Main use felling	27,8	20,3	22,2	26,1	27,4	27,1	28,1	29,4	28,4	26,8	29,1
Forest maintenance and reproduction felling and other activities	508,6	483,9	432,9	439,1	441,3	437,6	440,1	446,8	396,9	331,1	373,1
Collection of juice, t	…	…	4416,2	2575,0	2065,0	1622,1	1147,4	1012,5	270,4	—	—
Forest reproduction, thsd.ha	37,5	38,4	37,8	48,3	53,9	58,6	66,7	73,6	80,2	80,9	70,1
Reforestation	35,4	33,9	29,8	38,4	42,6	45,8	54,0	60,0	64,9	64,5	56,1
Natural reproduction	2,1	4,5	8,0	9,9	11,3	12,8	12,7	13,6	15,3	16,4	14,0
Forest crops transferred to the forested lands, thsd.ha	32,8	36,0	26,9	27,0	25,8	26,5	29,5	31,5	44,6	48,2	54,8
Remainder of the uncleaned areas[1], thsd.ha	4,8	4,4	4,1	2,7	2,4	2,4	8,7	7,6	7,5	5,8	8,1
Remainder of timber on felling areas[1], thsd.cub.m	…	…	692,2	724,4	702,6	767,7	710,6	961,8	1024,6	717,9	595,1
Forest fires	2714	3758	3696	4527	1876	4223	3842	6100	4042	7036	3240
Forest areas suffered from fires, thsd.ha	2,4	3,5	1,6	2,8	0,6	2,3	4,3	13,8	5,5	6,3	3,7
Losses caused by fires, mln. UAH[2]	1,1	178,5	1,4	1,8	0,4	3,5	5,9	188,4	58,8	24,7	26,7

[1] As of 1 May of the relevant year
[2] At current prices: in 1990, mln. KRB; in 1995, bln. KRB

8.63. Forestry products, operations and services, by region

(at current prices; mln. UAH)

	1997	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**373,0**	**744,4**	**1108,9**	**1594,6**	**1991,1**	**2451,1**	**2956,3**	**3382,7**	**3138,1**	**4097,7**
Autonomous Republic of Crimea	2,9	6,4	7,6	8,6	11,9	16,9	21,8	28,0	38,6	37,2
oblasts										
Vinnytsya	12,4	27,6	41,0	57,9	77,5	102,2	121,0	142,6	129,9	160,3
Volyn	25,5	26,8	53,6	75,1	96,2	118,0	148,9	166,5	152,8	211,1
Dnipropetrovsk	2,6	4,5	6,0	8,1	11,1	14,2	18,0	21,5	23,7	30,8
Donetsk	1,3	3,3	2,5	6,9	9,5	12,6	16,6	23,2	29,6	39,9
Zhytomyr	49,3	93,6	141,0	215,0	258,9	322,5	387,4	460,4	436,8	616,3
Zakarpattya	18,5	58,2	68,6	91,6	107,9	130,6	162,5	170,9	165,3	199,2
Zaporizhzhya	2,0	2,4	3,2	4,3	6,1	9,6	12,5	14,7	18,7	23,0
Ivano-Frankivsk	23,6	37,9	46,5	72,8	97,0	114,3	148,6	172,2	170,7	216,0
Kyiv	32,6	68,1	109,0	143,1	170,9	196,1	225,6	259,4	231,9	320,3
Kirovohrad	4,1	10,6	14,2	20,1	22,3	30,3	40,6	48,8	40,8	46,4
Luhansk	5,9	12,2	16,0	21,1	27,6	35,9	47,4	56,0	61,9	85,3
Lviv	27,2	62,7	83,9	128,8	157,5	193,4	235,4	242,3	213,6	287,4
Mykolayiv	3,2	3,4	1,8	6,9	9,7	14,1	18,2	21,0	26,5	30,8
Odesa	3,0	4,4	8,4	16,7	21,7	28,4	34,8	36,9	35,9	42,7
Poltava	8,2	20,2	23,3	35,9	47,9	59,0	62,1	80,4	72,2	101,7
Rivne	31,4	63,0	108,3	151,9	191,6	225,4	278,9	325,5	308,8	401,6
Sumy	18,1	34,0	65,1	91,6	114,5	168,1	189,9	217,3	205,8	271,0
Ternopil	5,9	18,2	22,2	33,5	37,5	46,9	56,1	61,2	49,4	64,5
Kharkiv	16,2	40,7	44,2	59,3	75,3	83,3	91,2	99,8	81,3	100,4
Kherson	3,0	3,7	8,3	15,3	19,8	25,0	43,2	37,0	35,2	43,3
Khmelnytskiy	16,6	33,3	61,8	83,1	98,1	116,8	124,5	137,2	128,5	155,9
Cherkasy	11,9	23,7	40,2	56,0	75,6	91,0	113,0	128,1	110,8	142,6
Chernivtsi	21,1	33,5	45,0	69,7	82,1	107,9	131,5	153,5	161,9	199,9
Chernihiv	24,5	48,1	78,6	109,3	142,5	167,9	197,9	233,8	179,0	243,7
cities										
Kyiv	1,6	3,3	7,0	10,3	17,7	18,0	25,3	40,1	23,9	21,7
Sevastopol	0,4	0,6	1,6	1,7	2,7	2,7	3,4	4,4	4,6	4,7

8.64. Forest felling in 2010, by region

(thsd.ha)

	Forest and forested area[1]	Actual area of felling	Of which			
			main use felling	forest maintenance and reproduction felling and other activities	including	
					test felling	other felling and activities
Ukraine	**10601,1**	**402,2**	**29,1**	**373,1**	**94,7**	**278,4**
Autonomous Republic of Crimea	300,1	3,3	—	3,3	1,5	1,8
oblasts						
Vinnytsya	379,1	19,7	1,4	18,3	6,9	11,4
Volyn	695,1	32,5	2,4	30,1	7,7	22,4
Dnipropetrovsk	192,4	1,7	—	1,7	0,5	1,2
Donetsk	204,0	5,6	—	5,6	1,2	4,4
Zhytomyr	1118,5	52,7	5,4	47,3	11,6	35,7
Zakarpattya	724,3	25,4	1,0	24,4	4,6	19,8
Zaporizhzhya	119,2	1,9	—	1,9	0,2	1,7
Ivano-Frankivsk	636,0	22,7	1,4	21,3	4,5	16,8
Kyiv	649,0	26,4	1,9	24,4	6,5	17,9
Kirovohrad	184,3	4,5	0,1	4,4	0,4	4,0
Luhansk	353,1	12,4	0,1	12,3	3,1	9,2
Lviv	694,4	20,9	2,8	18,1	6,0	12,1
Mykolayiv	122,0	1,9	—	1,9	0,4	1,5
Odesa	223,9	4,1	—	4,1	0,7	3,4
Poltava	282,5	7,9	0,3	7,6	1,7	5,9
Rivne	802,9	41,4	2,8	38,7	6,1	32,6
Sumy	458,9	21,4	1,6	19,8	5,2	14,6
Ternopil	200,8	8,3	0,7	7,6	2,9	4,7
Kharkiv	416,1	10,9	0,2	10,7	2,5	8,2
Kherson	151,5	4,6	—	4,6	1,4	3,2
Khmelnytskiy	287,3	13,5	1,1	12,4	5,3	7,1
Cherkasy	338,5	17,1	0,9	16,2	5,0	11,2
Chernivtsi	257,9	13,2	2,2	11,0	4,6	6,4
Chernihiv	738,1	23,9	2,8	21,1	3,8	17,3
cities						
Kyiv	35,7	4,1	—	4,1	0,4	3,7
Sevastopol	35,5	0,2	—	0,2	0,0	0,2

[1] According to the data from the (from the State Agency of Land Resources of Ukraine as of January, 1, 2011

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

(thsd.ha)

	1990	1995[1]	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**508,6**	**475,6**	**432,9**	**439,1**	**441,3**	**437,6**	**440,1**	**446,8**	**396,9**	**331,1**	**373,1**
Autonomous Republic of Crimea	5,2	4,5	4,8	4,6	4,0	3,9	3,5	3,6	3,6	3,4	3,3
oblasts											
Vinnytsya	22,1	26,0	22,7	21,8	23,5	23,2	21,1	21,5	19,9	17,9	18,3
Volyn	35,7	29,3	31,5	49,9	41,7	43,1	36,4	37,0	33,9	29,6	30,1
Dnipropetrovsk	4,9	4,2	3,9	2,4	2,4	2,4	2,1	2,1	2,0	1,5	1,7
Donetsk	8,6	6,4	3,4	2,7	2,7	3,2	3,6	3,9	3,4	4,4	5,6
Zhytomyr	44,7	47,6	39,5	42,9	45,7	47,1	51,1	50,1	47,1	38,9	47,3
Zakarpattya	25,1	14,0	18,6	26,2	26,4	27,8	24,6	26,4	22,3	22,1	24,4
Zaporizhzhya	1,6	1,4	1,5	1,6	1,5	1,6	1,7	1,8	1,9	1,9	1,9
Ivano-Frankivsk	34,6	28,6	36,7	20,7	20,8	17,9	19,2	24,2	19,8	18,3	21,3
Kyiv	31,9	41,7	27,4	28,9	32,0	32,3	30,9	29,2	26,2	15,8	24,4
Kirovohrad	5,5	5,2	4,1	7,2	5,3	4,9	4,8	4,6	4,5	3,7	4,4
Luhansk	11,8	7,9	10,5	9,9	8,9	8,6	11,1	10,2	10,6	11,5	12,3
Lviv	47,2	35,1	26,8	20,7	21,2	21,4	24,5	24,9	22,4	15,9	18,1
Mykolayiv	2,4	2,2	2,7	3,1	3,0	3,2	2,6	2,5	2,4	2,0	1,9
Odesa	5,4	6,1	4,3	3,2	5,3	5,7	5,8	5,6	4,7	4,5	4,1
Poltava	10,2	8,7	15,0	7,5	7,0	7,9	8,6	7,8	7,4	7,4	7,6
Rivne	45,3	34,4	45,3	43,2	46,4	45,6	45,3	46,3	40,8	38,3	38,7
Sumy	20,1	25,7	18,7	22,1	22,4	21,3	22,6	21,3	21,2	17,4	19,8
Ternopil	19,1	14,7	11,2	9,8	9,2	8,1	8,4	8,6	7,5	7,2	7,6
Kharkiv	22,4	18,6	9,5	14,5	14,6	15,5	14,9	14,9	9,8	9,6	10,7
Kherson	3,4	4,0	2,3	4,0	4,1	4,6	4,4	8,5	3,8	4,5	4,6
Khmelnytskiy	23,6	21,9	20,0	20,3	19,9	18,8	19,3	17,5	13,5	10,7	12,4
Cherkasy	26,4	24,5	17,6	21,0	21,6	20,8	19,8	19,4	17,8	15,6	16,2
Chernivtsi	14,6	16,0	12,8	11,2	12,7	11,6	11,9	13,4	12,7	9,8	11,0
Chernihiv	36,8	41,0	39,2	35,8	34,7	32,3	37,8	37,5	32,8	16,1	21,1
cities											
Kyiv	…	5,3	2,7	3,6	4,1	4,6	3,9	3,8	4,7	2,9	4,1
Sevastopol	…	0,6	0,2	0,3	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

8.66. Marketable timber produced, by region

(thsd.cub.m)

	1997	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**10597,6**	**11261,7**	**14265,9**	**15431,6**	**15244,3**	**15848,6**	**16884,3**	**15723,7**	**14221,4**	**16145,6**
Autonomous Republic of Crimea	45,0	54,4	63,4	58,7	60,1	57,7	63,0	71,9	65,5	59,3
oblasts										
Vinnytsya	451,3	438,2	528,1	609,4	624,7	649,4	722,5	690,2	639,6	667,3
Volyn	800,9	641,8	803,6	892,5	877,1	976,2	1023,2	907,3	849,3	976,7
Dnipropetrovsk	38,1	54,4	54,4	60,3	48,6	43,4	47,8	61,2	36,5	44,6
Donetsk	58,0	36,5	43,0	41,4	51,6	55,4	62,6	62,8	66,2	81,2
Zhytomyr	1411,3	1356,3	1936,7	2114,4	1977,7	2166,3	2206,4	2157,3	2099,6	2444,1
Zakarpattya	608,3	906,7	968,9	1064,3	1032,3	1010,0	1117,2	953,4	905,2	1003,7
Zaporizhzhya	13,7	21,6	19,1	15,6	18,0	21,2	21,4	23,2	24,9	28,0
Ivano-Frankivsk	466,3	518,0	682,1	747,7	784,6	826,3	950,5	864,7	839,3	923,2
Kyiv	640,4	950,1	1346,9	1360,7	1287,8	1252,6	1270,3	1210,2	999,5	1274,7
Kirovohrad	85,2	101,2	201,6	229,8	213,8	206,4	213,3	202,7	181,0	182,8
Luhansk	324,9	205,6	202,8	182,3	152,4	170,7	182,2	181,7	167,4	230,3
Lviv	679,5	774,1	860,8	1034,6	1036,2	1126,9	1244,7	1165,9	960,4	1106,8
Mykolayiv	29,0	34,4	43,6	37,9	36,3	44,8	45,3	33,5	34,1	33,9
Odesa	78,9	71,5	96,3	126,0	136,7	134,4	124,6	100,5	88,3	77,0
Poltava	206,4	386,7	257,3	310,3	328,1	337,7	333,0	324,7	315,8	367,1
Rivne	914,0	816,0	1045,9	1121,9	1191,3	1262,7	1341,9	1320,6	1256,8	1409,5
Sumy	627,4	640,2	900,2	930,0	902,9	987,4	977,6	954,9	854,8	962,2
Ternopil	204,8	243,7	268,0	287,7	260,5	278,5	288,6	262,5	223,2	247,2
Kharkiv	377,1	406,9	513,9	558,7	578,3	519,6	519,8	451,1	422,7	421,4
Kherson	97,7	68,6	136,4	140,9	146,5	128,3	370,2	155,3	130,5	127,0
Khmelnytskiy	495,8	520,4	666,2	718,2	718,6	709,3	665,3	590,2	557,2	576,1
Cherkasy	390,0	406,9	532,9	565,8	567,2	575,7	616,3	588,2	544,8	608,0
Chernivtsi	560,1	569,3	739,6	834,4	804,3	826,0	920,9	866,1	821,8	899,9
Chernihiv	900,1	938,0	1228,2	1260,0	1284,9	1369,4	1451,8	1400,1	1051,5	1237,9
cities										
Kyiv	89,1	97,8	123,8	126,3	122,2	110,4	101,7	121,4	82,6	152,4
Sevastopol	4,3	2,4	2,2	1,8	1,6	1,9	2,2	2,1	2,9	3,3

8.67. Forest reproduction, by region

(ha)

	1990	1995	2000[1]	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**37458**	**38398**	**37806**	**48260**	**53889**	**58638**	**66690**	**73624**	**80230**	**80912**	**70084**
Autonomous Republic of Crimea	935	323	89	17	37	47	520	1015	1006	1693	1434
oblasts											
Vinnytsya	1060	1025	1047	1061	1236	1322	1873	2613	3135	3097	3014
Volyn	1715	2690	3177	4002	4096	4744	5543	5795	4895	4245	4025
Dnipropetrovsk	441	805	529	330	398	436	814	1150	992	2271	1962
Donetsk	739	305	461	473	547	648	773	983	872	2271	2035
Zhytomyr	4179	4604	4621	5786	6674	7458	7972	8577	8875	8190	6433
Zakarpattya	2825	2348	2205	2372	2533	2747	2852	2772	3016	2721	2192
Zaporizhzhya	351	550	438	268	629	645	740	1260	1156	2011	2017
Ivano-Frankivsk	2227	2281	2039	2361	2527	2816	2978	2850	3195	2907	2424
Kyiv	3317	2881	2583	3970	4568	4169	3559	3681	3517	3629	2945
Kirovohrad	353	282	398	551	910	868	778	1218	1851	2744	2346
Luhansk	1103	1210	1756	3611	4342	4428	4668	5327	4181	5423	6160
Lviv	2556	2539	3126	4183	4003	4754	4411	4438	4841	4364	3258
Mykolayiv	1301	873	393	459	544	845	1182	1726	1844	2830	2686
Odesa	1204	1085	407	322	478	441	1610	2425	2705	3500	3423
Poltava	823	892	626	992	1179	1971	2151	2559	2686	2748	2244
Rivne	3077	3805	3466	3918	4558	4807	5903	6899	7611	5704	5211
Sumy	879	1322	1453	2071	2318	2185	2488	2599	3090	3306	2394
Ternopil	659	860	782	857	947	1136	1347	1397	1768	1300	912
Kharkiv	966	892	1639	1924	1860	1799	2235	1760	1754	2355	1164
Kherson	1656	366	185	341	677	1212	1399	1592	5538	2051	1972
Khmelnytskiy	1171	1280	1231	1600	1752	2008	1889	1731	2673	2690	2402
Cherkasy	935	1096	1149	1223	1193	1219	1795	2090	2096	2166	1657
Chernivtsi	967	1311	1436	1687	2001	2195	2480	2220	2544	2255	2272
Chernihiv	2019	2590	2476	3625	3634	3524	4550	4795	4283	4316	3419
cities											
Kyiv	…	118	93	227	248	190	150	120	66	75	51
Sevastopol	…	65	1	29	—	24	30	32	40	50	32

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

8.68. Reforestation, by region

(ha)

	1990	1995	2000[1]	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**35352**	**33896**	**29802**	**38353**	**42596**	**45855**	**54008**	**60051**	**64877**	**64499**	**56076**
Autonomous Republic of Crimea	902	313	89	14	36	30	486	1011	967	1567	1411
oblasts											
Vinnytsya	1060	994	1008	1032	1191	1276	1812	2502	2852	2879	2791
Volyn	1508	2306	1776	2314	2592	3093	4158	4584	3522	2836	2400
Dnipropetrovsk	441	805	522	309	371	406	793	1116	938	2119	1907
Donetsk	739	290	403	461	497	583	682	924	809	2186	1987
Zhytomyr	4071	3983	3605	4398	4807	5308	5738	5845	5635	5554	4282
Zakarpattya	2081	1823	1687	1915	1882	1955	1999	1868	1977	1511	1122
Zaporizhzhya	351	550	438	268	629	624	740	1260	1153	2011	2004
Ivano-Frankivsk	2043	2132	1577	1638	1557	1699	1660	1465	1699	1308	1080
Kyiv	3317	2704	2121	3276	3800	3437	2847	2912	2670	2728	2307
Kirovohrad	353	282	389	541	893	844	741	1185	1797	2661	2268
Luhansk	1103	1210	1756	3611	4242	4160	4554	5161	4081	5104	5849
Lviv	2306	2112	2572	3271	3448	4138	4010	3691	3865	3096	2422
Mykolayiv	1301	867	292	385	483	666	1038	1537	1686	2661	2498
Odesa	1204	1085	352	321	460	389	1548	2399	2498	3362	3218
Poltava	823	786	552	738	953	1701	1846	2255	2278	2279	2035
Rivne	2929	2803	1868	2399	2717	2997	4242	5229	5692	3963	3505
Sumy	879	1247	1383	1818	2002	1921	2191	2279	2781	2947	2214
Ternopil	659	860	760	792	776	959	1232	1286	1667	1201	839
Kharkiv	966	842	1587	1897	1825	1775	2190	1730	1701	2185	1068
Kherson	1656	366	105	295	379	578	856	1185	5458	1653	1581
Khmelnytskiy	1171	1201	1120	1476	1643	1884	1693	1518	2307	2193	2053
Cherkasy	935	1053	1020	1073	1005	949	1571	1827	1817	1929	1393
Chernivtsi	637	826	834	996	1321	1391	1416	1196	1406	1051	1103
Chernihiv	1917	2273	1903	2864	2856	2894	3789	3934	3523	3401	2656
cities											
Kyiv	…	118	82	222	231	174	146	120	58	70	51
Sevastopol	…	65	1	29	—	24	30	32	40	44	32

[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

(end of year)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total area affected by pests and diseases, thsd.ha	343,5	420,5	443,7	693,2	753,2	602,6	542,1	492,6	496,6	546,5	557,4
Forest protection from pests and diseases, thsd.ha	304,6	289,6	174,3	225,3	250,3	234,8	183,4	180,0	121,5	100,2	81,9
of which											
by biological methods	278,0	228,5	159,1	183,2	162,2	188,6	159,8	159,0	98,9	76,2	68,4
by chemicals	26,6	61,1	15,2	42,1	88,1	46,2	23,6	21,0	22,6	24,0	13,5
Pests and diseases liquidated by different methods, thsd.ha	131,8	108,2	71,8	132,4	141,2	138,1	94,4	89,8	110,7	97,0	101,0
Death of forests, ha	4020	7468	8908	12071	9418	12085	12795	29897	18242	13469	20864
of which due to											
pests	48	536	388	618	598	860	1129	821	926	1146	1295
diseases	323	1252	1278	2456	3420	3294	4329	2793	3883	3628	5632
adverse weather conditions	2024	3484	6421	6784	4159	6064	5249	15272	9166	5443	10113
forest fires	1157	2031	696	2087	1051	1437	1864	10955	3819	2727	3127

8.70. Forest fires in 2010, by region

	Incidents	Forest areas suffered from fires, ha	Burnt out and damaged forest, and forest products, cub.m	Sustained losses (at current prices), thsd. UAH	
				total	of which the value of the burnt out forests and procured forest products
Ukraine	**3240**	**3668**	**344517**	**26728,4**	**4864,2**
Autonomous Republic of Crimea	70	12	1	23,6	3,9
oblasts					
Vinnytsya	1	3	—	35,0	23,0
Volyn	34	35	190	13,8	3,3
Dnipropetrovsk	124	1942	290375	18472,9	1341,7
Donetsk	221	68	98	127,7	21,9
Zhytomyr	148	101	10	52,6	5,3
Zakarpattya	1	1	—	2,1	1,8
Zaporizhzhya	98	37	169	77,5	17,0
Ivano-Frankivsk	—	—	—	—	—
Kyiv	473	192	3549	914,0	618,6
Kirovohrad	40	12	21	8,4	1,6
Luhansk	348	518	41741	5300,4	2627,5
Lviv	4	10	—	2,5	—
Mykolayiv	6	0	—	0,7	—
Odesa	3	1	—	0,1	—
Poltava	102	16	—	48,3	—
Rivne	45	101	46	149,4	12,5
Sumy	226	123	—	81,0	—
Ternopil	—	—	—	—	—
Kharkiv	425	182	7440	932,8	128,6
Kherson	87	11	—	58,1	—
Khmelnytskiy	32	24	—	9,0	—
Cherkasy	209	54	24	125,3	26,3
Chernivtsi	—	—	—	—	—
Chernihiv	169	178	728	202,6	29,1
cities					
Kyiv	346	40	10	59,2	2,0
Sevastopol	28	7	115	31,4	0,1

FISHING

8.71. Fishing and harvesting of other water living resources, by type of water basin[1]

(t)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**400191**	**350087**	**248176**	**225905**	**265585**	**228840**	**213669**	**244527**	**256853**	**218681**
Inland water basins	67816	38210	37703	35365	37396	36701	43207	41229	42201	38364
of which freshwater basins	59391	38188	37699	35365	37388	36701	42625	40573	41808	37947
of which										
lakes	1871	693	987	1399	2660	2413	3167	2494	2566	1435
rivers	3020	1937	1800	1546	1806	1673	2242	2281	2915	2233
water basins (excluding herbivorous fish)	8828	8087	6855	6903	6781	6636	11087	9951	12419	11824
ponds and other water basins of fishing industries	43259	24970	26029	23995	24343	24479	23722	23379	21602	18947
Exeptional (sea) economic zone of Ukraine	30133	56990	55027	52467	61176	46799	46909	55037	67314	69725
Exeptional (sea) economic zone of other countries	279548	175033	140991	126834	149622	122374	123553	140705	147338	110592
Open section of the World Ocean	22694	79854	14455	11239	17391	22966	—	7556	—	—

[1] Since 2007 data include fishing by natural persons-entrepreneurs

8.72. Fishing and harvesting of other water living resources, by type[1]

(t)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Fish	**363444**	**346699**	**222385**	**195067**	**234185**	**202231**	**198335**	**220543**	**238600**	**215017**
herrings	311	73	138	182	270	300	324	506	446	485
sardines	64907	46874	24549	29873	38979	31845	34543	45151	34773	22277
sprat	10284	29422	28701	23494	31423	17214	15762	20197	23132	24230
sardelles	8077	9002	9422	7238	12563	8667	11999	11869	12901	10346
khamsa	18514	15356	11144	9136	5407	6151	8604	11142	15117	22486
caspian roache, sea-roache	2716	2421	1455	1232	1077	881	1222	776	668	688
pike-perch	781	1183	770	615	423	404	493	391	420	367
bream	2169	2209	2313	2081	1979	1967	2854	2930	3048	2713
grey mullet	252	5459	2156	4455	6035	6911	6143	5133	7169	3837
carp	25385	8519	9777	10054	10531	10322	11255	10671	11029	9858
silver carp	17466	15239	15612	13467	14705	14732	15249	14479	12396	11752
mackerel	56266	18357	9565	4236	2880	3880	2881	6718	9526	16814
horse-mackerel	50064	27734	28891	21756	25773	21614	25144	23854	36299	25852
bullhead	203	752	5921	10204	9607	8065	6273	7628	7436	8888
sanderling	188	372	236	376	380	631	1042	536	943	910
cod	13189	24637	2166	8492	1375	921	1282	169	97	37
others	92672	139090	69569	48176	70778	67726	53265	58393	63200	53477
Other water living resources	**36747**	**3388**	**25791**	**30838**	**31400**	**26609**	**15334**	**23984**	**18253**	**3664**
of which										
crustaceans	27302	10	17136	10965	14077	14137	24	7586	46	41
mollusks	8340	3353	8655	19867	17256	12439	15138	15999	15626	2732
aquatic plants	743	6	—	—	4	0	32	11	2180	140

[1] See the footnote to Table 8.71

8.73. Fishing and harvesting of other water living resources, by region[1]

(t)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**400191**	**350087**	**248176**	**225905**	**265585**	**228840**	**213669**	**244527**	**256853**	**218681**
Autonomous Republic of Crimea	102478	126698	47351	19679	34269	24095	25026	25265	17194	15207
oblasts										
Vinnytsya	3245	1824	1932	1493	1817	1731	1691	1675	1648	1926
Volyn	743	261	368	304	401	476	664	375	325	423
Dnipropetrovsk	4052	2717	2192	2083	1997	1630	1692	1592	1697	1794
Donetsk	7353	7777	8137	9233	10811	9650	8925	11124	10688	9887
Zhytomyr	1630	911	849	761	833	892	875	539	460	534
Zakarpattya	685	281	394	411	388	411	422	442	406	377
Zaporizhzhya	5028	3722	5087	8283	9668	7943	10291	10642	11623	11926
Ivano-Frankivsk	1169	357	444	481	551	552	603	558	631	507
Kyiv	4275	2002	1772	1596	1393	1220	2261	2483	1829	1999
Kirovohrad	889	1363	1224	1111	1128	1100	1291	1302	1470	1553
Luhansk	1072	1196	513	526	370	349	511	434	508	513
Lviv	2367	1312	1848	1977	1575	1653	1626	1486	1590	1287
Mykolayiv	5062	2944	1041	704	761	994	3377	2093	3949	3000
Odesa	68120	31512	26398	16030	23258	20309	15659	10098	48979	19527
Poltava	4698	3288	3358	2668	2163	3054	3459	3355	1783	1379
Rivne	927	504	506	576	601	531	713	646	629	486
Sumy	2860	1925	2008	2171	2329	1703	1681	1715	2135	2112
Ternopil	740	286	393	195	408	467	515	405	630	745
Kharkiv	1464	1025	1301	952	987	1147	1010	1295	1396	1131
Kherson	5372	5816	6166	6274	6840	5971	5548	4865	5400	4801
Khmelnytskiy	1479	700	853	729	746	770	824	850	679	176
Cherkasy	5415	5175	5056	4489	4448	3787	4568	4834	5726	5254
Chernivtsi	450	522	469	492	464	562	366	423	509	487
Chernihiv	791	397	695	634	707	782	1158	1118	1133	1148
cities										
Kyiv	—	2240	—	—	—	—	—	16773	16928	19193
Sevastopol	167827	143332	127821	142053	156672	137061	118913	138140	116908	111309

[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 investment into fixed capital, and costs for putting them into service, 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 investment into purchasing or production by using one's own resources for own use of material and non-material assets. **Investment into material assets** is investment into fixed capital (capital expenditure), investment into land, existing buildings and structures, new buildings, structures, incomplete construction projects, long-term biological assets of animal husbandry, capital repairs, and other non-circulation material assets. **Investment into non-material assets** includes investment into purchasing or creation using one's own resources of software, databases, rights to make use of the natural resources, rights to commercial names, industry property units, copyrights and related rights.

Investment into fixed capital includes investment into capital construction, machinery, equipment, tools, stock, transport facilities, and other fixed assets.

Sums of value added tax (VAT) are included in capital investment and investment into fixed capital. Since 2010, these sums are only included into fixed capital investment by type of economic activity.

Indices are calculated using data at comparable prices including VAT.

Value indicators (which are also used for structure calculation) are presented at current prices of the relevant years.

Calculations of per capita investment into fixed capital are based on average annual number of resident population.

Data on investment into fixed capital are presented by the type of economic activity they are to be used for.

Data on industry are given according to 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, № 375, 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** (apartment buildings, cottages and higher comfort houses, private houses, apartment hotels) 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.

9.1. Capital investments

	2002	2003	2004	2005	2006	2007	2008	2009	2010[1]
At current prices, mln. UAH									
Total	**46563**	**59899**	**89314**	**111174**	**148972**	**222679**	**272074**	**192878**	**189061**
Investment into material assets[2]	…	…	…	…	…	…	…	186985	182076
including									
investment into fixed capital	37178	51011	75714	93096	125254	188486	233081	151777	150667
including									
major construction	20834	28509	41885	50552	71518	109694	134655	80091	83550
machines, equipment and transport vehicles	16344	22502	33829	42544	53736	78792	98426	65340	61456
land[2]	…	…	…	…	…	…	…	1547	614
current buildings and structures[2]	…	…	…	…	…	…	…	6652	4832
new buildings and structures, incomplete construction projects[2]	…	…	…	…	…	…	…	3115	2864
long-term biological assets of animal husbandry[3]	393	487	447	577	645	705	714	879	961
other non-circulation material assets	704	971	1786	2928	2523	3454	4421	4049	3786
major repairs	4065	6006	9221	11533	15966	23645	27491	18966	18352
Investment in non-material assets	4223	1424	2146	3040	4584	6389	6367	5893	6985
Percentage of total									
Total	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Investment into material assets[2]	…	…	…	…	…	…	…	96,9	96,3
including									
investment into fixed capital	79,8	85,2	84,8	83,7	84,1	84,6	85,7	78,7	79,7
including									
major construction	44,7	47,6	46,9	45,5	48,0	49,2	49,5	41,5	44,2
machines, equipment and transport vehicles	35,1	37,6	37,9	38,2	36,1	35,4	36,2	33,9	32,5
land[2]	…	…	…	…	…	…	…	0,8	0,3
current buildings and structures[2]	…	…	…	…	…	…	…	3,4	2,6
new buildings and structures, incomplete construction projects[2]	…	…	…	…	…	…	…	1,6	1,5
long-term biological assets of animal husbandry[3]	0,9	0,8	0,5	0,5	0,4	0,3	0,3	0,5	0,5
other non-circulation material assets	1,5	1,6	2,0	2,6	1,7	1,6	1,6	2,1	2,0
major repairs	8,7	10,0	10,3	10,4	10,7	10,6	10,1	9,8	9,7
Investment in non-material assets	9,1	2,4	2,4	2,8	3,1	2,9	2,3	3,1	3,7

[1] Excluding VAT
[2] The recording of indicators in capital investment has started since 2009
[3] Before 2008 inclusive, expenditure for forming the main herd

9.2. Capital investments, by source of financing

	2002	2003	2004	2005	2006	2007	2008	2009	2010[1]
At current prices, mln. UAH									
Total	**46563**	**59899**	**89314**	**111174**	**148972**	**222679**	**272074**	**192878**	**189061**
including on account of									
the Central budget	2110	4152	9974	6846	9605	15077	15403	8361	10952
local budgets	1615	2596	4187	4685	6732	9370	12498	5914	6368
own account of enterprises and organisations	32994	38326	56528	66062	89136	130515	161277	127435	114964
bank loans and other lending	2071	4593	6397	15625	21257	33904	42981	25587	23336
foreign investment	2224	2964	2825	5457	5094	7251	8087	8209	4068
households for owner-occupied apartments construction[2]	…	…	…	…	7019	9879	9495	4796	4654
households for individual housing construction	1573	1822	2577	3091	5110	8549	11589	5502	16176
other funding sources	3976	5446	6826	9408	5019	8134	10744	7074	8543
Percentage of total									
Total	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
including on account of									
the Central budget	4,5	6,9	11,2	6,1	6,5	6,8	5,7	4,3	5,8
local budgets	3,5	4,3	4,7	4,2	4,5	4,2	4,6	3,1	3,4
own account of enterprises and organisations	70,9	64,0	63,3	59,4	59,8	58,6	59,3	66,1	60,8
bank loans and other lending	4,4	7,7	7,1	14,1	14,3	15,2	15,8	13,3	12,3
foreign investment	4,8	5,0	3,2	4,9	3,4	3,3	3,0	4,2	2,1
households for owner-occupied apartments construction[2]	…	…	…	…	4,7	4,4	3,4	2,5	2,5
households for individual housing construction	3,4	3,0	2,9	2,8	3,4	3,8	4,3	2,8	8,6
other funding sources	8,5	9,1	7,6	8,5	3,4	3,7	3,9	3,7	4,5

[1] See the first footnote to Table 9.1
[2] Before 2005, it was included into the other sources of financing

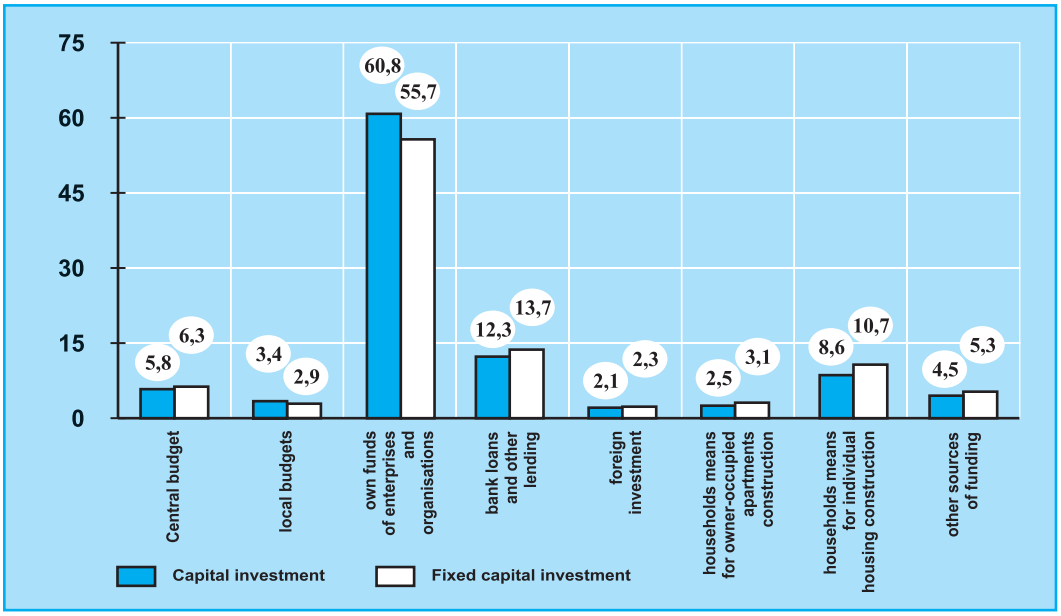
9.3. Fixed capital investment, by source of financing

	2001	2003	2004	2005	2006	2007	2008	2009	2010[1]
At current prices, mln. UAH									
Total	**32573**	**51011**	**75714**	**93096**	**125254**	**188486**	**233081**	**151777**	**150667**
including on account of									
Central budget	1749	3570	7945	5077	6846	10458	11576	6687	9479
local budgets	1332	2095	3544	3915	5446	7324	9918	4161	4357
own funds of enterprises and organisations	21770	31306	46685	53424	72337	106520	132138	96019	83997
bank loans and other lending	1400	4196	5735	13740	19406	31182	40451	21581	20611
foreign investment	1413	2807	2695	4688	4583	6660	7591	6859	3429
households means for owner-occupied apartments construction[2]	…	…	…	…	7019	9879	9495	4792	4653
households means for individual housing construction	1415	1822	2577	3091	5110	8549	11589	5502	16176
other sources of funding	3494	5215	6533	9161	4507	7914	10323	6176	7965
Percentage of total									
Total	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
including on account of									
Central budget	5,4	7,0	10,5	5,5	5,5	5,6	5,0	4,4	6,3
local budgets	4,1	4,1	4,7	4,2	4,3	3,9	4,2	2,7	2,9
own funds of enterprises and organisations	66,8	61,4	61,7	57,4	57,8	56,5	56,7	63,3	55,7
bank loans and other lending	4,3	8,2	7,6	14,8	15,5	16,6	17,3	14,2	13,7
foreign investment	4,3	5,5	3,6	5,0	3,7	3,5	3,3	4,5	2,3
households means for owner-occupied apartments construction[2]	…	…	…	…	5,6	5,2	4,1	3,2	3,1
households means for individual housing construction	4,4	3,6	3,4	3,3	4,1	4,5	5,0	3,6	10,7
other sources of funding	10,7	10,2	8,5	9,8	3,5	4,2	4,4	4,1	5,3

[1] See the first footnote to Table 9.1
[2] See the second footnote to Table 9.2

9.4. Structure of capital investment and fixed capital investment, by source of financing in 2010

(percent)



9.5. Fixed capital investment, by region

(at current prices)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010[1]
	mln. KRB	bln. KRB	mln. UAH								
Ukraine	**31114**	**937816**	**23629**	**51011**	**75714**	**93096**	**125254**	**188486**	**233081**	**151777**	**150667**
Autonomous Republic of Crimea	1411	25321	784	1913	2740	3375	4684	7007	8655	5536	6781
oblasts											
Vinnytsya	912	26203	365	857	1155	1693	2494	4136	4752	2670	3754
Volyn	507	11502	278	727	1064	1186	1839	2867	3489	2415	1740
Dnipro-petrovsk	2594	104605	2252	4246	5906	7792	10737	14874	18063	13254	12570
Donetsk	2970	117774	2901	4846	7239	9598	11728	16898	22136	12985	11072
Zhytomyr	968	27769	256	609	854	1135	1546	2442	3646	2299	3019
Zakarpattya	501	8434	332	1021	1113	1115	2019	2642	3303	1915	2170
Zaporizhzhya	1521	47428	1190	2150	2745	3299	3896	6407	7459	4650	7336
Ivano-Frankivsk	689	37049	605	1130	1589	1683	2620	4006	5950	3447	4262
Kyiv	1375	45311	947	2918	3547	4519	7032	12658	16921	9955	11263
Kirovohrad	870	16575	271	699	1357	1285	1777	2482	3048	2766	2440
Luhansk	1768	52244	1030	1901	2941	4363	5538	9754	9000	4378	4706
Lviv	1264	36555	1061	2559	3634	4682	5875	8287	10799	6708	8061
Mykolayiv	921	25397	460	1312	1963	2534	3118	3699	4333	4022	3775
Odesa	1538	39105	1348	3309	5137	5154	7339	10500	12484	9959	8009
Poltava	1177	44181	1438	2158	2887	3709	4760	6672	8840	7691	7317
Rivne	763	18476	365	1078	1937	1184	2144	2924	3672	2696	2316
Sumy	947	21131	597	931	1102	1441	1508	2435	3015	2185	2223
Ternopil	559	14509	199	456	632	890	1214	1979	2843	1428	2109
Kharkiv	1908	42149	1373	3554	5055	5775	7957	12051	11819	8315	7302
Kherson	818	16700	282	549	886	1077	1503	2322	3929	2087	1684
Khmelnytskiy	876	25701	455	901	1745	1461	2075	3135	4849	3471	2912
Cherkasy	897	24861	330	967	2408	2046	3304	4236	5128	3040	2798
Chernivtsi	416	9715	141	520	656	755	1451	2332	3733	2602	1817
Chernihiv	837	21544	431	825	1140	1333	1520	2422	3053	1588	1756
cities											
Kyiv	1952	71738	3809	8481	13859	19468	24858	38230	46574	28228	25822
Sevastopol	155	5839	129	394	423	544	718	1089	1588	1487	1653

[1] See the first footnote to Table 9.1

9.6. Indices for fixed capital investment, by region

(percent)

	1990=100							To the previous year						
	2000	2005	2006	2007	2008	2009	2010	2000	2005	2006	2007	2008	2009	2010
Ukraine	**25,2**	**56,8**	**67,6**	**87,7**	**85,4**	**50,0**	**49,7**	**114,4**	**101,9**	**119,0**	**129,8**	**97,4**	**58,5**	**99,4**
Autonomous Republic of Crimea	17,2	41,8	50,9	64,8	62,3	35,8	42,0	93,8	100,9	121,7	127,4	96,2	57,5	117,2
oblasts														
Vinnytsya	15,5	40,7	52,7	74,5	68,8	34,9	48,1	109,9	121,1	129,5	141,4	92,3	50,7	137,9
Volyn	17,8	43,3	59,7	79,3	76,1	47,4	33,2	95,4	92,0	137,9	132,8	96,0	62,3	70,0
Dnipropetrovsk	24,1	47,7	59,2	71,8	70,7	46,8	45,3	123,5	109,7	124,2	121,2	98,5	66,2	96,8
Donetsk	27,1	55,5	60,7	76,5	79,1	41,8	36,4	107,4	110,8	109,3	126,0	103,4	52,8	87,1
Zhytomyr	8,0	20,5	24,7	33,8	40,5	23,0	30,7	103,4	112,7	120,6	136,9	119,8	56,7	133,5
Zakarpattya	19,1	35,8	55,4	62,2	60,3	31,4	34,5	120,1	81,1	154,8	112,2	96,9	52,1	109,8
Zaporizhzhya	23,2	38,9	40,9	59,3	53,7	30,3	49,1	101,8	100,5	105,1	145,0	90,5	56,5	162,2
Ivano-Frankivsk	46,0	70,8	95,9	127,6	145,8	75,2	87,8	159,7	86,6	135,4	133,1	114,3	51,6	116,8
Kyiv	19,7	52,1	70,4	106,7	111,0	58,6	64,1	118,2	105,1	135,1	151,6	104,0	52,8	109,4
Kirovohrad	10,0	27,8	34,8	42,0	40,8	33,4	30,3	100,6	77,4	125,2	120,8	97,1	81,8	90,8
Luhansk	17,6	47,5	54,3	84,1	61,4	27,2	29,8	106,6	122,7	114,3	154,8	73,0	44,3	109,5
Lviv	32,7	85,2	94,3	116,2	117,4	64,9	77,2	127,6	107,6	110,7	123,2	101,0	55,3	119,0
Mykolayiv	16,0	51,3	55,7	57,2	53,8	45,0	42,8	111,6	106,2	108,5	102,7	94,0	83,6	95,0
Odesa	28,0	58,7	72,8	89,7	82,3	58,8	48,2	140,4	81,9	124,1	123,2	91,7	71,5	81,9
Poltava	46,4	66,7	75,5	91,2	96,3	74,7	72,0	104,6	105,8	113,2	120,8	105,6	77,6	96,4
Rivne	16,1	29,5	48,2	56,3	56,2	37,3	31,7	82,6	51,7	163,4	116,9	99,9	66,4	85,1
Sumy	28,5	38,6	35,8	49,6	49,3	31,4	31,7	117,5	110,3	92,7	138,6	99,3	63,7	101,1
Ternopil	12,7	31,6	37,9	52,6	60,5	27,0	39,0	79,0	116,5	119,8	138,9	115,0	44,7	144,4
Kharkiv	25,9	63,0	77,7	102,7	78,5	49,9	43,0	138,0	95,3	123,4	132,2	76,4	63,6	86,1
Kherson	10,8	23,7	29,2	38,7	51,4	24,7	19,5	120,7	102,4	123,3	132,6	132,8	48,0	79,1
Khmelnytskiy	15,9	29,0	36,4	47,5	56,7	36,8	30,1	95,5	70,2	125,4	130,5	119,4	64,9	81,7
Cherkasy	14,9	53,1	76,6	85,4	80,6	42,6	39,9	89,0	68,4	144,3	111,5	94,4	52,8	93,6
Chernivtsi	9,9	29,7	49,3	65,1	81,7	51,0	34,3	103,6	93,0	166,0	132,1	125,5	62,4	67,2
Chernihiv	19,7	37,0	38,0	52,8	53,5	24,8	27,3	113,2	96,9	102,6	139,0	101,4	46,4	110,0
cities														
Kyiv	94,7	256,7	287,2	376,8	364,7	198,0	185,5	121,1	116,9	111,9	131,2	96,8	54,3	93,7
Sevastopol	30,1	65,8	77,8	94,8	105,0	87,8	93,9	166,7	101,8	118,3	121,8	110,8	83,6	107,0

9.7. Per capita fixed capital investment, by region

(at current prices; UAH)

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010[1]
Ukraine	**479,8**	**774,8**	**1070,9**	**1601,7**	**1983,9**	**2687,4**	**4068,4**	**5058,4**	**3308,6**	**3297,6**
Autonomous Republic of Crimea	376,8	735,7	955,2	1376,2	1704,1	2375,6	3565,3	4415,1	2828,3	3467,3
oblasts										
Vinnytsya	203,5	362,3	493,1	671,3	993,8	1478,7	2473,5	2864,2	1620,0	2290,8
Volyn	263,6	591,1	693,4	1019,0	1140,1	1774,6	2771,3	3375,6	2335,7	1682,6
Dnipropetrovsk	611,4	824,0	1208,2	1694,2	2253,0	3128,9	4365,1	5339,2	3942,9	3760,3
Donetsk	591,7	798,7	1023,5	1545,6	2070,9	2555,8	3716,4	4911,7	2904,5	2495,5
Zhytomyr	180,3	390,2	445,4	631,1	848,4	1167,4	1861,2	2803,1	1780,6	2352,8
Zakarpattya	260,1	473,1	817,1	892,7	895,9	1625,5	2129,8	2663,7	1542,5	1745,5
Zaporizhzhya	599,2	798,2	1131,3	1457,0	1766,1	2102,6	3483,6	4084,3	2561,0	4062,9
Ivano-Frankivsk	418,7	680,1	808,3	1140,6	1212,3	1892,5	2900,4	4314,1	2501,1	3094,3
Kyiv	521,6	915,3	1625,1	1992,3	2559,6	4014,5	7281,2	9799,0	5791,4	6571,3
Kirovohrad	235,6	454,0	634,8	1249,9	1201,7	1686,3	2386,3	2967,5	2722,6	2422,0
Luhansk	393,3	552,5	764,7	1199,6	1802,7	2316,2	4126,1	3847,6	1889,2	2048,7
Lviv	394,3	695,8	989,5	1411,4	1825,8	2300,1	3255,4	4255,0	2648,2	3187,6
Mykolayiv	356,1	826,1	1053,7	1590,5	2070,8	2565,9	3064,4	3613,5	3374,1	3184,1
Odesa	543,2	1067,8	1362,7	2129,8	2149,4	3073,6	4404,5	5240,2	4183,7	3366,8
Poltava	864,0	1137,6	1355,5	1834,5	2383,7	3091,0	4375,5	5853,0	5135,3	4924,6
Rivne	309,1	600,7	925,3	1667,8	1022,9	1856,9	2538,1	3192,0	2344,0	2012,5
Sumy	451,3	751,3	734,0	880,8	1168,8	1239,0	2026,2	2537,9	1858,3	1908,5
Ternopil	173,0	281,6	404,5	564,3	799,7	1098,1	1801,5	2602,3	1312,4	1947,4
Kharkiv	467,7	856,5	1241,8	1778,9	2045,6	2836,7	4321,9	4261,3	3012,6	2658,4
Kherson	232,2	338,2	475,6	775,8	952,6	1341,2	2090,3	3565,8	1906,2	1545,6
Khmelnytskiy	314,5	513,1	641,3	1254,0	1060,7	1521,1	2317,3	3611,4	2601,3	2194,0
Cherkasy	229,2	418,7	702,7	1769,3	1520,7	2481,8	3213,9	3926,1	2345,8	2174,1
Chernivtsi	150,8	355,8	569,4	720,4	832,4	1605,2	2584,5	4141,9	2887,3	2016,2
Chernihiv	338,5	479,4	683,1	958,9	1139,8	1320,0	2133,1	2725,9	1434,7	1603,3
cities										
Kyiv	1462,9	2296,4	3275,6	5307,0	7378,5	9329,5	14223,0	17175,9	10324,6	9386,6
Sevastopol	332,8	695,2	1047,8	1123,5	1444,6	1904,8	2884,4	4203,2	3929,6	4365,4

[1] See the first footnote to Table 9.1

9.8. Fixed capital investment, by type of economic activity

(at current prices; mln. UAH)

	2001	2003	2004	2005	2006	2007	2008	2009	2010
Total	**32573**	**51011**	**75714**	**93096**	**125254**	**188486**	**233081**	**151777**	**171092**
Agriculture, hunting, forestry	1617	2141	3381	5016	7309	9519	16890	9382	12231
agriculture, hunting and related services	1552	2054	3278	4905	7190	9338	16682	9295	12106
forestry and related services	65	87	103	111	119	181	208	87	125
Fishing	20	39	38	27	55	36	61	22	66
Industry	13651	19726	28191	35031	44804	64341	76618	57658	58558
Construction	1109	2502	4675	4929	6300	9107	12469	5325	4966
Trade; repair of motor vehicles, household appliances and personal demand items	1285	3276	5322	7614	11655	17778	24695	14091	11830
trade in motor vehicles and motor-cycles, maintenance and servicing	215	419	671	1136	1970	2560	3291	2184	1692
wholesale trade and sale intermediation	653	1907	3178	3922	5384	7586	11654	5237	4557
retail trade; repair of household appliances and personal demand items	417	950	1473	2556	4301	7632	9750	6670	5581
Hotels and restaurants	469	677	1074	1508	1483	2614	3222	2589	3072
hotels	257	416	568	751	611	1232	1511	1423	1624
Transport and communications	7452	10230	15015	16887	20329	31709	32558	24555	29084
surface transport	3590	4174	4685	5436	6666	11386	13366	6041	10486
water transport	104	103	74	59	34	52	57	35	52
air transport	35	134	269	107	82	305	160	124	105
additional transport services and auxiliary operations	1510	2152	4336	2744	3655	7477	8065	8787	12460
post and communications	2213	3667	5651	8541	9891	12489	10910	9568	5981
communications	2154	3635	5609	8486	9808	12407	10791	9466	5885
Financial activity	530	977	1245	1964	2386	4165	4636	3359	2859
Real estate transactions, renting, engineering and provision of services to businessmen	4545	7716	11238	15334	24026	39415	48840	25678	37189
real estate activities	4243	6985	9585	13790	21674	35661	43992	22930	34413
renting of machinery and equipment; hiring of household appliances and personal demand items	52	148	509	482	856	1380	2045	920	1074
informatisation activity	42	31	68	91	205	243	283	131	244
research and development	80	181	289	197	282	415	433	388	399
activity in legislation, bookkeeping operations, in engineering; provision of services to businessmen	128	371	787	774	1009	1716	2087	1309	1059
Public administration	328	792	1156	793	1054	1572	1819	894	1295
Education	407	652	953	870	1164	1651	2322	1484	1873
Health care and provision of social aid	474	1053	1472	1297	1835	2518	3531	1932	2754
Provision of communal and individual services; cultural and sporting activity	686	1230	1954	1826	2854	4061	5420	4808	5315
sanitary services, street cleaning and refuse disposal	186	339	549	352	473	801	907	632	1262
activity of public organisations	55	61	96	122	190	96	205	374	502
cultural, sporting, recreational and entertainment activities	429	795	1255	1195	2014	2894	4054	3642	3320
provision of individual services	16	35	54	157	177	270	254	160	231

9.9. Indices for fixed capital investment, by type of economic activity

(percent of the previous year)

	2001	2003	2004	2005	2006	2007	2008	2009	2010
Total	**120,8**	**131,3**	**128,0**	**101,9**	**119,0**	**129,8**	**97,4**	**58,5**	**99,4**
Agriculture, hunting, forestry	153,3	105,0	139,1	125,8	133,9	118,4	142,3	49,8	116,5
agriculture, hunting and related services	157,9	104,8	140,6	126,8	134,6	118,2	143,2	49,9	116,4
forestry and related services	90,6	109,9	103,3	93,0	101,5	127,0	93,6	38,2	129,4
Fishing	242,1	112,0	87,1	61,2	185,8	57,9	105,8	34,3	239,3
Industry	113,3	124,6	124,9	104,1	115,3	127,0	94,7	67,6	90,5
Construction	93,2	129,8	157,6	84,9	115,5	128,6	106,0	37,8	82,2
Trade; repair of motor vehicles, household appliances and personal demand items	154,0	154,8	142,2	118,0	134,9	130,8	109,0	51,7	74,8
trade in motor vehicles and motor-cycles, maintenance and servicing	116,3	120,7	140,3	137,6	153,5	112,5	98,6	60,5	67,5
wholesale trade and sale intermediation	151,1	173,7	146,8	104,3	123,7	124,5	121,1	40,7	78,8
retail trade; repair of household appliances and personal demand items	190,7	142,6	134,3	138,0	144,2	148,0	98,9	62,3	74,1
Hotels and restaurants	123,4	143,8	132,9	113,7	83,1	145,3	96,1	72,1	105,1
hotels	138,2	233,2	114,9	107,8	68,4	168,1	92,1	84,8	100,7
Transport and communications	140,5	140,5	128,0	94,4	107,2	133,5	82,4	66,7	101,8
surface transport	156,8	126,9	96,7	98,7	109,6	148,9	94,6	39,0	155,7
water transport	141,4	100,4	59,9	69,6	55,6	127,8	87,0	56,5	121,2
air transport	206,1	207,3	176,2	34,9	71,5	342,8	39,6	70,9	70,5
additional transport services and auxiliary operations	128,0	165,7	177,4	50,5	113,1	165,4	86,4	96,0	120,0
post and communications	126,6	144,8	134,1	129,2	104,7	110,7	70,6	79,9	54,5
communications	127,1	146,3	134,3	129,3	104,4	110,9	70,3	79,9	54,2
Financial activity	84,7	102,6	112,3	135,5	112,5	159,5	88,2	64,6	78,7
Real estate transactions, renting, engineering and provision of services to businessmen	108,8	133,5	119,1	110,2	130,7	133,4	94,2	47,2	127,5
real estate activities	107,1	133,1	112,4	114,6	129,5	132,3	92,9	46,8	132,2
renting of machinery and equipment; hiring of household appliances and personal demand items	138,3	182,8	291,7	85,4	169,4	147,0	121,0	40,6	104,4
informatisation activity	157,1	69,7	190,7	117,6	213,2	104,2	91,4	42,9	167,9
research and development	197,1	156,1	137,2	59,9	131,2	126,5	90,8	81,4	92,5
activity in legislation, bookkeeping operations, in engineering; provision of services to businessmen	129,6	129,1	181,6	85,5	118,1	150,8	95,1	56,2	73,8
Public administration	97,8	172,9	126,3	57,9	119,6	128,9	94,1	44,4	130,2
Education	138,9	109,4	127,2	75,7	114,7	117,8	110,3	56,9	112,3
Health care and provision of social aid	116,1	171,6	122,6	73,3	124,3	117,5	113,0	49,3	129,2
Provision of communal and individual services; cultural and sporting activity	136,4	153,3	136,5	69,1	138,3	125,9	102,5	81,6	98,0
sanitary services, street cleaning and refuse disposal	94,6	122,3	135,0	47,3	115,6	156,1	89,7	64,3	175,1
activity of public organisations	88,6	91,9	132,8	87,7	135,0	44,7	160,1	170,9	118,8
cultural, sporting, recreational and entertainment activities	192,0	191,3	137,8	71,0	150,2	125,8	106,7	82,5	81,0
provision of individual services	83,3	87,2	128,6	211,3	98,2	131,8	75,0	58,2	127,7

9.10. Fixed capital investment, by industrial activity

(at current prices; mln. UAH)

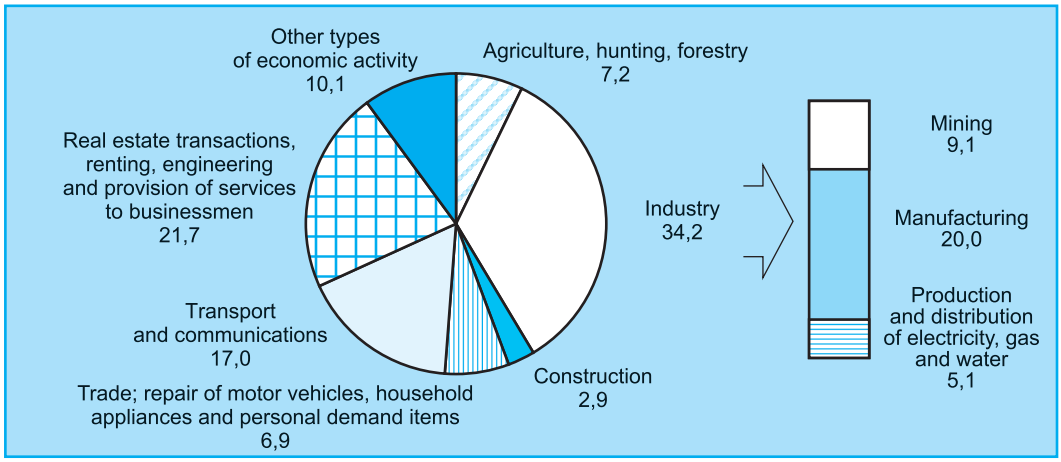
	2001	2003	2004	2005	2006	2007	2008	2009	2010
Industry	**13651**	**19726**	**28191**	**35031**	**44804**	**64341**	**76618**	**57658**	**58558**
Mining	4234	4523	6345	8107	8594	12142	16767	13914	15613
mining of fuel and energy minerals	3523	3539	4930	6061	6180	8581	10984	10267	10501
mining operations apart from fuel and energy minerals	711	984	1415	2046	2414	3561	5783	3647	5112
Manufacturing	7084	11659	16663	22399	30113	44823	48976	35322	34231
production of foodstuffs, beverages and tobacco products	2187	4109	5016	6418	8290	11830	13130	10458	8297
light industry	161	266	360	493	409	479	440	336	453
textile industry, sewing of clothes, fur and fur articles	129	198	271	344	290	348	365	196	338
production of leather, leather articles and other materials	32	68	89	149	119	131	75	140	115
wood working and production of wood products apart from furniture	108	207	375	610	754	965	768	1416	1936
cellulose and paper industry; printing	352	536	747	843	1292	1876	2558	1377	813
production of coke and refined petroleum products	771	1056	1397	1979	1910	2137	2094	1772	1857
chemical and petrochemical industry	700	848	1688	2376	2638	3666	5107	4656	7202
production of chemicals	583	615	1107	1668	1613	2403	3500	3736	6407
production of rubber and plastic products	117	233	581	708	1024	1263	1607	920	795
production of other non-metallic mineral products	322	697	1258	1537	3753	6606	7046	4765	3308
metallurgy and production of finished metal products	1422	2032	3282	5575	6971	11234	10503	6683	5161
engineering	940	1646	2268	2251	3653	5340	6189	3564	4400
manufacture of machinery and equipment	395	573	829	831	1274	1714	1786	1399	1370
manufacture of electrical, electronic and optical equipment	289	509	660	696	1031	1295	1924	1165	1471
manufacture of transport vehicles and equipment	256	564	779	724	1348	2331	2479	1000	1559
other manufacture n.i.e.	121	262	272	317	443	690	1141	295	804
Production and distribution of electricity, gas and water	2333	3544	5183	4525	6096	7376	10875	8422	8714

9.11. Indices for fixed capital investment, by industrial activity

(percent of the previous year)

	2001	2003	2004	2005	2006	2007	2008	2009	2010
Industry	**113,3**	**124,6**	**124,9**	**104,1**	**115,3**	**127,0**	**94,7**	**67,6**	**90,5**
Mining	107,1	111,8	120,9	104,0	93,7	125,1	109,0	74,9	99,8
mining of fuel and energy minerals	114,5	106,2	119,8	100,1	88,9	121,2	100,6	84,7	91,1
mining operations apart from fuel and energy minerals	81,3	137,1	124,8	117,0	107,7	134,6	127,1	56,6	124,2
Manufacturing	118,0	132,5	126,0	114,1	122,7	132,0	88,1	64,7	86,6
production of foodstuffs, beverages and tobacco products	110,6	128,5	107,9	109,6	119,5	127,5	90,4	71,5	70,7
light industry	89,2	174,3	121,6	119,2	75,8	104,0	76,2	69,0	121,4
textile industry; sewing of clothes, fur and fur articles	92,8	160,2	122,3	111,9	77,4	105,6	87,2	47,9	157,3
production of leather, leather articles and other materials	76,8	234,3	119,5	140,7	72,0	100,1	46,9	172,7	72,4
wood working and production of wood products apart from furniture	160,0	115,2	161,7	141,1	113,8	106,8	68,6	160,4	124,0
cellulose and paper industry; printing	138,9	75,4	123,1	99,8	142,1	132,0	112,6	48,5	53,3
production of coke and refined petroleum products	162,4	171,7	116,0	112,5	86,0	94,7	73,2	75,9	92,0
chemical and petrochemical industry	128,5	101,4	171,2	121,1	101,8	124,4	112,5	81,7	138,3
production of chemicals	129,3	102,3	155,5	128,1	88,4	133,4	115,7	95,9	153,3
production of rubber and plastic products	124,5	99,2	213,2	107,6	132,9	110,4	106,6	51,5	78,5
production of other non-metallic mineral products	142,0	158,3	160,3	104,2	220,2	153,9	85,0	60,5	61,8
metallurgy and production of finished metal products	105,1	141,7	143,3	141,3	111,8	143,6	73,5	57,4	68,1
engineering	109,1	154,7	120,4	86,2	149,6	130,3	94,1	52,0	112,0
manufacture of machinery and equipment	112,3	122,3	127,0	87,5	142,6	117,1	88,1	70,5	88,3
manufacture of electrical, electronic and optical equipment	135,4	170,3	110,1	92,0	137,4	113,3	118,9	55,0	114,8
manufacture of transport vehicles and equipment	87,0	189,8	123,3	80,1	169,4	156,4	84,4	36,0	142,6
other manufacture n.i.e.	148,4	144,3	91,0	99,1	128,3	138,0	132,7	23,3	250,7
Production and distribution of electricity, gas and water	111,5	119,2	126,4	72,7	114,8	103,2	115,4	69,8	91,5

9.12. Structure of fixed capital investment in 2010, by type of economic activity



9.13. Selected production capacities put into operation during the year

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Power plants, thsd. kW[1]	282,5	2,6	11,7	39,4	5,2	345,5	1,4	152,0	475,3	16,8	18,2
Electric lines, km, with the voltage of											
35 kV and more	1939	372	138	274	96	131	118	394	112	22	50
6–20 kV	5645	678	447	143	189	191	139	162	286	169	173
0,4 kV	10270	2862	1123	946	800	1046	1002	1117	1126	307	263
Step-down transformer substations with the voltage of 35 kV and more, thsd.kV·A	3685,0	239,2	190,8	100,6	2287,6	275,3	21,3	792,3	110,2	373,2	284,1
Main gas pipelines and branch pipes, km	207	425	355	356	403	403	302	186	102	28	91
Wells, units											
oil	41	22	48	46	35	42	30	47	24	24	16
gas	27	98	88	61	69	63	57	60	54	41	36
Capacities for production of											
prefabricated ferroconcrete structures and articles, thsd.cub.m	307,2	8,0	—	—	10,7	3,5	12,0	0,3	222,0	—	—
construction bricks, mln. conventional bricks	10,0	70,0	15,5	0,2	60,0	22,0	43,5	—	87,0	—	3,0
varnish and paint, thsd.t	—	40,0	4,0	4,2	16,0	6,1	0,5	25,7	0,4	—	—
meat, thsd.t per year[2]	19,0	56,8	31,1	9,2	0,4	20,4	36,0	13,7	84,4	33,9	17,0
whole milk products, thsd.t per year[2]	334,2	218,6	37,1	11,4	—	7,1	16,4	13,4	5,6	54,6	14,7
cheese, thsd.t per year[2]	1,7	0,6	5,0	0,5	0,5	1,2	20,3	5,3	25,9	14,3	20,8
vegetable oil, thsd.t per year[3]	6,5	6,2	1072,7	3,5	442,9	503,4	21,9	75,1	1152,2	271,3	1096,9
canned fruits and vegetables, mln. conventional cans	33,2	26,8	11,5	25,9	0,5	11,0	—	6,1	10,1	—	11,0
Automated telephone stations, thsd. numbers											
urban	295,8	279,3	241,1	712,3	783,5	727,8	516,1	422,1	210,3	39,5	21,8
rural	—	22,1	47,8	76,4	85,3	111,6	88,5	55,2	15,5	3,6	2,7
Public roads with hard coating, km	2532	455	194	73	133	101	100	159	111	20	8

[1] 2006, 2007 and 2010, megawatt
[2] Until 2003, t per shift
[3] Until 2003, t processed oil seeds per day

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

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Premises for livestock (including mechanically operated barns), thsd. places											
cattle	207,9	36,8	6,0	3,1	3,3	1,2	4,0	2,4	1,5	2,2	3,4
pigs	128,5	21,6	5,3	4,9	10,5	10,0	10,4	7,0	8,8	1,8	23,7
sheep	28,0	3,4	0,7	—	—	—	—	1,0	0,4	4,9	0,2
Irrigated areas, thsd.ha	44,3	4,5	0,01	0,5	0,3	0,1	0,3	2,5	5,3	0,6	0,5
Drainage areas, thsd.ha	71,0	4,0	—	—	—	0,04	0,0	0,03	—	—	—
Granaries, capacity in thsd.t	486,6	197,9	73,1	46,0	60,2	53,2	52,6	27,7	33,6	44,6	247,2
Storehouses for potatoes, fruit and vegetables, capacity in thsd.t	220,9	18,0	9,6	1,1	1,6	12,7	5,0	9,5	8,2	10,7	25,5
Silage and hay installations, thsd.cub.m	1449,7	78,0	17,4	7,3	5,0	—	—	—	10,3	48,0	3,2

9.15. Basic indicators for construction

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Sale of construction products (at current prices), mln. UAH	13095,8	29174,1	46425,7	51482,0	71913,8	107174,9	128961,2	83970,1[1]	86985,6[2]
Fixed construction assets (at current prices; end of year), mln. UAH	15462	18256	20421	24682	29278	40074	52084	66486	63113
Profitability of operations of construction enterprises, percent	1,3	2,2	2,1	2,2	3,1	2,6	–2,7	–0,9[1]	–1,0[2]
Share of loss-making construction enterprises, percent	40	36	34	34	32	32	37	43[1]	44[2]
Average annual number of employees engaged in construction, thsd.	697,0	633,6	655,7	657,9	667,9	679,2	653,2	509,1[1]	448,8[2]
Average monthly nominal wages of construction employees, UAH	230,17	443,85	582,16	751,19	958,01	1236,30	1526,38	1286,89[1]	1523,72[2]

[1] Data is updated taking into account the changes of the major type of economic activity of enterprises
[2] Data is resulted without taking into account changes of the major type of activity of enterprises

9.16. Indices of construction output, by region

(percent of the previous year)

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

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

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	**103,5**	**94,2**	**126,5**	**117,2**	**93,4**	**109,9**	**115,6**	**84,2**	**51,8**	**94,6**
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
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
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
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
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

9.18. Construction output, by type of construction activity

(percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	**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
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
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
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
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

9.19. Fixed capital investment in residential construction, by region

(at current prices; mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010[1]
Ukraine	**3404**	**4132**	**4729**	**6190**	**8762**	**12017**	**18581**	**30343**	**35533**	**18052**	**28000**
Autonomous Republic of Crimea	108	132	150	158	232	451	704	1484	1838	946	1998
oblasts											
Vinnytsya	61	99	143	174	276	473	643	901	1102	430	875
Volyn	62	80	85	94	134	204	315	453	611	296	551
Dnipropetrovsk	241	221	257	264	384	564	761	1085	1185	502	878
Donetsk	147	156	177	203	348	442	638	988	1343	648	856
Zhytomyr	36	38	41	60	83	127	227	383	471	190	451
Zakarpattya	79	101	80	111	121	201	505	779	981	378	697
Zaporizhzhya	57	54	57	85	154	184	243	561	704	162	381
Ivano-Frankivsk	90	96	108	147	283	342	531	810	1141	801	1358
Kyiv	150	190	243	303	546	871	1729	3222	3487	1827	3650
Kirovohrad	28	41	43	43	52	74	133	164	213	162	250
Luhansk	68	66	99	92	129	182	265	402	460	152	296
Lviv	148	137	160	241	452	498	909	1293	1799	809	1548
Mykolayiv	47	72	66	62	123	103	140	233	288	153	260
Odesa	140	241	256	374	617	940	1603	2450	2611	1362	1522
Poltava	97	120	117	110	184	246	387	672	822	386	573
Rivne	36	62	65	101	164	241	355	506	461	228	554
Sumy	55	64	71	81	102	148	168	283	393	278	468
Ternopil	56	71	90	133	186	301	381	645	827	455	746
Kharkiv	177	190	230	241	396	654	877	1510	1806	881	936
Kherson	40	53	57	73	98	135	201	283	403	179	413
Khmelnytskiy	90	103	126	168	217	285	380	633	843	690	795
Cherkasy	50	58	63	76	111	127	245	436	439	375	419
Chernivtsi	23	37	35	55	134	163	276	551	791	414	783
Chernihiv	42	52	47	58	94	154	245	380	391	224	402
cities											
Kyiv	1233	1550	1749	2579	3069	3794	5548	8891	9597	4719	5379
Sevastopol	43	48	114	104	73	113	172	345	526	405	961

[1] See the first footnote to Table 9.1

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

(percent of the previous year)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**106,0**	**101,0**	**111,6**	**125,8**	**117,9**	**108,9**	**127,5**	**131,4**	**88,1**	**45,6**	**145,4**
Autonomous Republic of Crimea	99,7	105,2	107,6	100,7	123,0	154,4	128,5	169,0	92,7	46,3	190,0
oblasts											
Vinnytsya	77,2	141,4	135,8	117,9	131,6	136,2	111,9	112,7	92,0	35,0	186,0
Volyn	77,1	111,1	100,5	106,4	118,5	120,4	126,8	115,7	101,4	43,6	166,5
Dnipropetrovsk	127,6	79,1	110,2	98,4	121,1	116,8	111,4	112,5	86,2	37,9	165,5
Donetsk	92,0	92,2	106,7	110,5	142,4	101,3	119,0	125,5	101,6	43,2	126,4
Zhytomyr	66,5	92,0	101,6	140,2	115,3	121,6	146,4	135,3	92,4	36,1	210,8
Zakarpattya	72,6	110,9	74,6	133,1	90,9	132,4	220,2	123,8	94,7	34,7	163,2
Zaporizhzhya	58,8	81,6	99,3	143,8	151,0	95,0	108,6	185,4	94,6	20,7	219,3
Ivano-Frankivsk	96,2	92,2	105,5	131,7	157,0	98,9	125,5	122,5	105,6	62,9	153,2
Kyiv	91,4	103,8	127,0	119,3	151,2	126,4	163,3	148,9	80,8	47,1	179,7
Kirovohrad	72,3	124,6	100,8	97,3	99,7	112,7	147,9	99,3	97,3	68,4	137,6
Luhansk	74,0	83,8	142,2	89,0	116,4	112,2	120,3	121,7	86,1	29,9	172,8
Lviv	97,0	79,9	111,0	142,4	156,7	88,0	149,3	115,4	104,4	40,3	174,4
Mykolayiv	101,9	131,7	86,2	90,9	164,5	66,5	112,6	133,5	93,2	47,5	157,3
Odesa	113,1	148,2	100,3	140,7	137,7	121,1	140,1	123,9	79,6	47,0	108,0
Poltava	80,8	106,0	92,9	90,3	138,9	106,2	129,5	139,7	91,5	42,2	138,8
Rivne	53,0	147,6	100,0	148,3	135,3	116,7	121,5	115,5	68,7	44,2	216,4
Sumy	97,9	100,0	104,9	110,9	104,9	114,4	93,2	136,1	103,3	63,8	156,4
Ternopil	125,0	109,3	119,6	142,2	116,5	128,5	103,4	135,7	96,7	49,4	149,3
Kharkiv	95,5	92,0	114,7	100,7	135,5	131,8	111,2	140,5	90,5	43,8	100,6
Kherson	80,4	114,5	101,7	122,6	112,6	109,4	122,5	113,0	106,3	39,8	205,6
Khmelnytskiy	82,6	98,6	115,7	128,2	107,4	103,7	113,1	131,2	101,2	73,0	107,3
Cherkasy	78,0	99,0	103,0	115,9	121,1	90,5	160,3	143,2	75,2	76,7	100,0
Chernivtsi	90,1	141,0	89,3	150,1	202,6	96,3	138,2	160,8	109,8	47,1	169,6
Chernihiv	125,6	108,1	85,3	118,7	134,3	129,7	131,0	125,7	78,4	51,0	169,5
cities											
Kyiv	148,8	99,0	115,4	141,9	99,1	97,6	120,2	128,9	81,2	44,1	117,6
Sevastopol	109,6	93,1	227,5	88,7	58,4	122,8	124,5	163,8	113,0	69,1	219,0

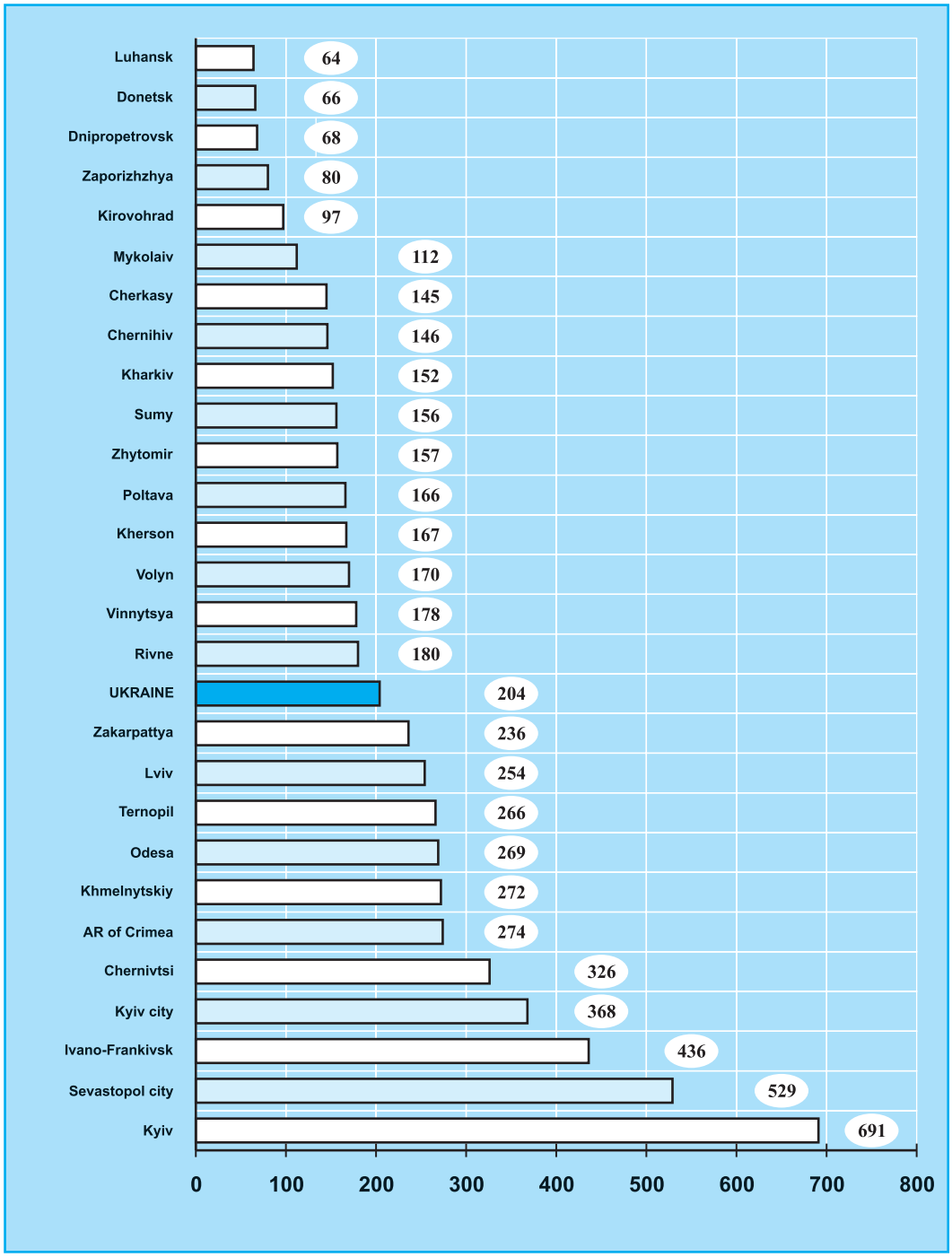
9.21. Residential buildings and social facilities put into service

	Residential buildings, 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	individual				
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[1]	9339	6190	0,6	7,1	1,1	5,3

[1] Here and elsewhere (Tables 9.22–9.28) including data on residential buildings put into service according to *Temporary order* (the decision of the Cabinet of Ukraine from 09.09.2009 № 1035)

9.22. Residential buildings put into service in 2010, by region

(sq.m of total size per 1000 population)



9.23. Residential buildings put into service, by region

(thsd.sq.m of total size)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**17447**	**8663**	**5558**	**5939**	**6073**	**6433**	**7566**	**7816**	**8628**	**10244**	**10496**	**6400**	**9339**
Autonomous Republic of Crimea	621	451	179	205	226	196	274	283	370	522	416	387	535
oblasts													
Vinnytsya	540	293	141	232	273	302	340	350	379	396	362	172	292
Volyn	360	200	126	151	134	118	139	155	172	180	195	139	175
Dnipropetrovsk	1639	559	431	450	456	373	348	375	402	422	438	170	226
Donetsk	1505	591	344	325	278	330	351	329	382	371	437	173	293
Zhytomyr	560	282	118	90	90	130	182	192	201	221	247	89	201
Zakarpattya	311	198	213	168	135	165	187	232	293	351	393	169	293
Zaporizhzhya	777	289	131	129	121	125	203	159	139	220	217	101	144
Ivano-Frankivsk	408	267	217	192	228	253	365	332	392	455	517	381	600
Kyiv	850	634	337	382	412	433	547	635	705	857	1164	680	1184
Kirovohrad	431	216	78	83	96	94	104	108	105	121	129	66	98
Luhansk	819	306	181	195	202	215	260	253	228	259	249	35	147
Lviv	888	419	372	313	336	398	545	499	483	670	780	392	642
Mykolayiv	543	270	101	101	109	114	144	123	139	153	161	86	133
Odesa	791	401	268	343	402	378	482	450	663	793	847	537	640
Poltava	695	344	169	172	182	169	225	210	224	278	261	156	246
Rivne	395	219	107	97	121	159	194	145	234	254	173	98	207
Sumy	498	212	110	97	127	152	140	143	143	185	199	139	182
Ternopil	291	187	149	175	121	156	194	245	204	304	304	146	288
Kharkiv	1009	603	249	324	332	348	369	367	422	538	223	428	416
Kherson	498	252	128	123	112	123	152	163	162	188	230	75	182
Khmelnytskiy	470	296	168	175	201	243	228	287	265	310	308	266	362
Cherkasy	509	277	109	145	119	146	138	161	178	204	163	145	187
Chernivtsi	277	175	116	110	106	125	211	201	226	305	365	165	294
Chernihiv	481	213	95	104	92	105	124	153	125	186	204	105	160
cities													
Kyiv	1157	410	859	1004	1000	1001	1050	1201	1301	1401	1431	948	1012
Sevastopol	124	99	62	54	62	82	70	65	91	100	83	152	200

9.24. Individual residential buildings put into service, by region

(thsd.sq.m of total size)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**4397**	**3877**	**3351**	**3446**	**3613**	**3864**	**5026**	**4369**	**4652**	**5677**	**5831**	**2287**	**6190**
Autonomous Republic of Crimea	98	144	110	128	138	124	173	149	203	324	216	160	428
oblasts													
Vinnytsya	224	168	115	170	196	240	266	241	266	301	288	76	232
Volyn	121	113	100	108	94	95	105	94	106	120	136	77	146
Dnipropetrovsk	301	250	277	301	351	265	258	254	285	293	292	40	159
Donetsk	409	291	218	218	216	238	298	268	245	258	236	62	155
Zhytomyr	153	125	94	74	81	96	163	154	155	172	184	79	200
Zakarpattya	154	168	205	158	126	152	177	214	271	320	354	135	265
Zaporizhzhya	129	91	78	88	88	92	131	109	97	125	126	34	111
Ivano-Frankivsk	208	162	178	167	187	191	304	223	233	283	324	152	382
Kyiv	242	266	264	255	271	324	425	396	484	622	908	346	963
Kirovohrad	106	87	55	68	67	78	94	79	79	93	103	60	93
Luhansk	148	139	147	152	164	194	233	217	203	227	209	20	121
Lviv	278	284	261	231	245	283	448	349	310	437	433	182	495
Mykolayiv	148	117	69	75	71	59	91	75	68	74	89	35	96
Odesa	247	167	141	180	206	154	217	199	224	322	293	119	242
Poltava	187	162	123	104	111	114	154	116	119	135	126	59	144
Rivne	153	146	82	82	93	121	160	116	143	174	116	48	174
Sumy	93	69	73	73	70	101	97	94	89	105	119	61	126
Ternopil	89	103	100	116	102	94	119	108	119	158	151	19	189
Kharkiv	153	163	154	164	186	235	262	188	171	170	138	39	213
Kherson	138	138	90	85	101	103	141	133	141	170	192	53	176
Khmelnytskiy	145	164	118	140	137	133	149	144	136	157	156	101	220
Cherkasy	160	125	81	69	79	99	111	106	114	151	98	63	120
Chernivtsi	142	136	94	96	102	114	191	182	188	254	285	90	243
Chernihiv	144	74	63	63	60	58	76	74	80	97	97	40	109
cities													
Kyiv	26	13	40	63	53	89	149	65	93	97	119	84	263
Sevastopol	1	12	21	18	18	18	34	22	30	38	43	53	125

9.25. Residential buildings put into service in urban areas, by region

(thsd.sq.m of total size)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**14024**	**6456**	**4329**	**4773**	**4858**	**5074**	**5739**	**6088**	**6709**	**7737**	**7640**	**5163**	**6304**
Autonomous Republic of Crimea	472	329	125	151	170	146	222	232	297	425	344	344	378
oblasts													
Vinnytsya	360	187	90	155	182	177	204	214	235	236	204	134	186
Volyn	267	128	81	102	87	67	85	114	124	122	137	86	94
Dnipropetrovsk	1455	431	381	394	397	307	287	302	331	340	349	148	181
Donetsk	1415	548	308	296	245	290	292	285	342	321	408	165	253
Zhytomyr	342	177	84	64	60	88	111	126	134	140	165	49	109
Zakarpattya	200	80	72	93	80	89	112	137	163	206	207	96	138
Zaporizhya	645	238	106	103	93	96	159	127	106	174	172	91	107
Ivano-Frankivsk	260	185	157	122	146	186	242	227	268	298	312	259	322
Kyiv	622	433	197	238	254	247	285	352	380	401	422	341	488
Kirovohrad	357	169	59	62	75	68	75	84	84	96	100	50	64
Luhansk	742	274	141	149	160	168	203	200	183	209	201	32	127
Lviv	683	255	248	220	231	284	364	344	340	446	535	291	404
Mykolayiv	426	226	92	92	97	106	132	109	125	137	149	80	119
Odesa	608	313	215	280	324	308	378	356	558	606	649	457	419
Poltava	497	234	123	131	139	132	166	161	180	209	215	130	179
Rivne	248	118	56	42	71	100	123	92	165	173	125	75	107
Sumy	372	157	83	72	105	128	111	115	108	146	150	114	145
Ternopil	209	126	126	147	97	126	157	200	149	232	245	131	188
Kharkiv	909	503	199	271	280	276	276	305	348	466	169	406	333
Kherson	392	192	101	96	88	100	114	122	117	131	163	61	127
Khmelnytskiy	352	194	117	135	159	199	174	233	212	263	233	218	277
Cherkasy	369	195	82	128	101	124	100	121	120	122	105	109	123
Chernivtsi	171	90	86	83	75	87	139	126	143	178	190	112	133
Chernihiv	372	170	81	91	83	94	113	141	107	162	182	90	103
cities													
Kyiv	1157	410	859	1004	1000	1001	1050	1201	1301	1401	1431	948	1012
Sevastopol	122	94	60	52	59	80	65	62	89	97	78	146	188

9.26. Residential buildings put into service in rural areas, by region

(thsd.sq.m of total size)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**3423**	**2207**	**1229**	**1166**	**1215**	**1359**	**1827**	**1728**	**1919**	**2507**	**2856**	**1237**	**3035**
Autonomous Republic of Crimea	149	122	54	54	56	50	52	51	73	97	72	43	157
oblasts													
Vinnytsya	180	106	51	77	91	125	136	136	144	160	158	38	106
Volyn	93	72	45	49	47	51	54	41	48	58	58	53	81
Dnipropetrovsk	184	128	50	56	59	66	61	73	71	82	89	22	45
Donetsk	90	43	36	29	33	40	59	44	40	50	29	8	40
Zhytomyr	218	105	34	26	30	42	71	66	67	81	82	40	92
Zakarpattya	111	118	141	75	55	76	75	95	130	145	186	73	155
Zaporizhya	132	51	25	26	28	29	44	32	33	46	45	10	37
Ivano-Frankivsk	148	82	60	70	82	67	123	105	124	157	205	122	278
Kyiv	228	201	140	144	158	186	262	283	325	456	742	339	696
Kirovohrad	74	47	19	21	21	26	29	24	21	25	29	16	34
Luhansk	77	32	40	46	42	47	57	53	45	50	48	3	20
Lviv	205	164	124	93	105	114	181	155	143	224	245	101	238
Mykolayiv	117	44	9	9	12	8	12	14	14	16	12	6	14
Odesa	183	88	53	63	78	70	104	94	105	187	198	80	221
Poltava	198	110	46	41	43	37	59	49	44	69	46	26	67
Rivne	147	101	51	55	50	59	71	53	69	81	48	23	100
Sumy	126	55	27	25	22	24	29	28	35	39	49	25	37
Ternopil	82	61	23	28	24	30	37	45	55	72	59	15	100
Kharkiv	100	100	50	53	52	72	93	62	74	72	54	22	83
Kherson	106	60	27	27	24	23	38	41	45	57	67	14	55
Khmelnytskiy	118	102	51	40	42	44	54	54	53	47	75	48	85
Cherkasy	140	82	27	17	18	22	38	40	58	82	58	36	64
Chernivtsi	106	85	30	27	31	38	72	75	83	127	175	53	161
Chernihiv	109	43	14	13	9	11	11	12	18	24	22	15	57
city													
Sevastopol	2	5	2	2	3	2	5	3	2	3	5	6	12

9.27. Residential buildings put into service and the number of apartments built

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Commissioned, thsd.sq.m of total size	17447	8663	5558	6433	7566	7816	8628	10244	10496	6400	9339
in urban areas	14024	6456	4329	5074	5739	6088	6709	7737	7640	5163	6304
in rural areas	3423	2207	1229	1359	1827	1728	1919	2507	2856	1237	3035
Number of apartments built, thsd.	279	118	63	62	71	76	82	95	94	66	77
in urban areas	233	94	52	51	57	63	69	78	76	57	57
in rural areas	46	24	11	11	14	13	13	17	18	9	20
Per 1000 population											
Commissioned, sq.m of total size	338	169	113	135	160	167	185	221	228	140	204
in urban areas	404	186	130	159	180	192	213	246	244	165	202
in rural areas	202	133	77	87	118	113	128	169	194	85	210
Number of apartments built	5,6	2,3	1,3	1,3	1,5	1,6	1,8	2,0	2,0	1,4	1,7
in urban areas	7,0	2,7	1,6	1,6	1,8	2,0	2,2	2,5	2,4	1,8	1,8
in rural areas	2,8	1,5	0,7	0,7	0,9	0,8	0,9	1,1	1,2	0,6	1,4

9.28. Residential buildings put into service

	Residential buildings put into service			Of which individual		
	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
	Percentage of total					
2000	100	66,2	33,8	100	66,3	33,7
2001	100	67,9	32,1	100	67,8	32,2
2002	100	…	…	100	…	…
2003	100	64,8	35,2	100	64,4	35,6
2004	100	63,8	36,2	100	63,5	36,5
2005	100	61,8	38,2	100	61,1	38,9
2006	100	60,2	39,8	100	59,4	40,6
2007	100	58,2	41,8	100	57,4	42,6
2008	100	54,5	45,5	100	53,6	46,4
2009	100	53,7	46,3	100	52,5	47,5
2010	100	51,1	48,9	100	50,3	49,7

9.29. Capacity of secondary educational institutions put into service, by region

(admission number)

	1990		1995		2000		2005		2009		2010	
	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**	**6064**	**2567**	**7116**	**3621**
Autonomous Republic of Crimea	7384	3450	2120	432	—	—	1372	—	—	—	—	—
oblasts												
Vinnytsya	7371	3855	1418	692	40	40	50	50	308	—	—	—
Volyn	4750	2730	2318	2318	120	120	473	226	—	—	156	—
Dnipropetrovsk	12641	3052	930	570	2828	1002	—	—	—	—	—	—
Donetsk	10720	1204	3095	514	484	484	50	50	—	—	—	—
Zhytomyr	3478	3478	3229	1430	720	670	374	374	190	—	—	—
Zakarpattya	2854	2494	354	354	732	192	—	—	350	350	830	830
Zaporizhzhya	5224	2535	2036	—	—	—	—	—	—	—	—	—
Ivano-Frankivsk	2525	1229	287	145	1770	1770	1288	928	100	100	712	—
Kyiv	7633	2665	4276	816	540	—	50	50	784	784	225	225
Kirovohrad	3516	220	1240	1240	—	—	—	—	—	—	—	—
Luhansk	4797	1501	2186	498	25	25	—	—	—	—	75	—
Lviv	5486	2894	4119	1719	1604	1484	1059	828	170	170	276	276
Mykolayiv	3785	2385	650	—	360	—	—	—	562	198	492	—
Odesa	8366	2966	1790	408	602	602	1206	1046	460	—	—	—
Poltava	7620	3852	2884	830	1276	162	—	—	—	—	—	—
Rivne	3815	3449	1341	1341	—	—	366	366	942	501	1456	1456
Sumy	5957	2367	984	45	84	84	270	—	—	—	—	—
Ternopil	5114	1450	458	458	150	150	—	—	—	—	360	360
Kharkiv	6989	725	3608	964	689	689	654	120	414	—	—	—
Kherson	5480	2574	1683	432	360	—	—	—	—	—	—	—
Khmelnytskiy	5744	2720	1931	635	1302	882	2080	784	454	454	694	354
Cherkasy	5856	2664	1102	1102	—	—	—	—	10	10	860	—
Chernivtsi	5840	2376	836	—	180	180	1114	350	—	—	120	120
Chernihiv	7134	1955	1468	776	260	80	—	—	—	—	—	—
cities												
Kyiv	12598	—	7850	—	1266	—	180	—	820	—	860	—
Sevastopol	1251	—	—	—	—	—	—	—	500	—	—	—

9.30. Capacity of institutions of higher education put into service

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Institutions of higher education													
1st and 2nd 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
3rd and 4th 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

9.31. Capacity of hospital facilities put into service, by region

(beds)

	1990		1995		2000		2005		2009		2010	
	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**	**1007**	**265**	**1051**	**8**
Autonomous Republic of Crimea	240	—	—	—	—	—	—	—	2	—	—	—
oblasts												
Vinnytsya	25	—	170	50	—	—	—	—	82	—	70	—
Volyn	—	—	148	123	—	—	19	15	—	—	—	—
Dnipropetrovsk	480	—	808	8	—	—	—	—	—	—	—	—
Donetsk	462	50	50	—	72	—	6	6	—	—	6	—
Zhytomyr	290	50	75	—	75	—	—	—	—	—	15	—
Zakarpattya	—	—	60	—	—	—	—	—	100	100	—	—
Zaporizhzhya	162	24	102	—	—	—	201	—	—	—	—	—
Ivano-Frankivsk	465	75	30	—	32	—	179	—	—	—	80	—
Kyiv	740	40	575	75	—	—	—	—	—	—	—	—
Kirovohrad	9	9	—	—	—	—	—	—	20	—	72	—
Luhansk	260	—	120	—	—	—	40	—	120	120	—	—
Lviv	302	—	—	—	—	—	40	—	—	—	6	—
Mykolayiv	150	—	10	10	—	—	40	—	—	—	—	—
Odesa	465	25	—	—	30	—	148	—	10	—	—	—
Poltava	265	25	85	25	—	—	—	—	30	—	25	—
Rivne	167	25	—	—	82	—	39	—	120	—	—	—
Sumy	110	50	—	—	—	—	38	—	—	—	—	—
Ternopil	38	38	—	—	80	—	—	—	77	—	—	—
Kharkiv	—	—	—	—	130	—	—	—	255	—	49	—
Kherson	150	70	30	—	—	—	—	—	16	—	60	—
Khmelnytskiy	90	40	—	—	68	65	—	—	120	—	43	8
Cherkasy	714	150	—	—	—	—	—	—	—	—	345	—
Chernivtsi	110	60	—	—	—	—	73	—	—	—	—	—
Chernihiv	211	50	211	—	52	—	30	—	45	45	45	—
city												
Kyiv	450	—	—	—	163	—	—	—	10	—	235	—

9.32. Capacity of clinics put into service, by region

(visits per shift)

	1990		1995		2000		2005		2009		2010	
	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**	**2736**	**341**	**5271**	**522**
Autonomous Republic of Crimea	590	290	236	—	—	—	—	—	—	—	—	—
oblasts												
Vinnytsya	215	215	145	130	—	—	—	—	60	—	419	—
Volyn	650	170	625	165	13	—	124	124	85	—	16	—
Dnipropetrovsk	1055	70	550	180	500	500	—	—	5	—	320	—
Donetsk	2020	210	885	110	—	—	140	—	100	—	—	—
Zhytomyr	860	360	378	50	450	30	—	—	5	—	—	—
Zakarpattya	115	15	650	50	—	—	—	—	240	80	—	—
Zaporizhzhya	785	35	485	10	—	—	—	—	—	—	—	—
Ivano-Frankivsk	574	349	50	50	30	30	10	—	394	28	70	—
Kyiv	1170	250	240	240	—	—	1580	—	90	90	600	—
Kirovohrad	260	75	20	20	25	25	—	—	—	—	—	—
Luhansk	210	210	30	30	—	—	60	—	—	—	100	—
Lviv	680	280	2200	—	—	—	430	30	178	58	544	200
Mykolayiv	308	208	375	—	—	—	40	—	20	—	36	20
Odesa	2921	100	40	40	—	—	36	20	465	15	1042	42
Poltava	425	50	500	50	20	—	640	—	393	—	116	100
Rivne	1995	1240	110	110	75	75	215	15	322	—	106	80
Sumy	665	365	15	15	—	—	—	—	—	—	265	—
Ternopil	190	190	75	75	—	—	—	—	96	—	55	25
Kharkiv	125	125	—	—	—	—	220	—	—	—	—	—
Kherson	1490	235	95	95	—	—	100	50	50	10	90	30
Khmelnytskiy	1004	629	610	230	22	—	125	33	109	—	266	25
Cherkasy	575	575	90	90	—	—	45	45	—	—	384	—
Chernivtsi	590	70	230	30	128	120	—	—	10	10	12	—
Chernihiv	210	60	765	190	20	20	17	—	94	50	30	—
cities												
Kyiv	730	—	480	—	1000	—	210	—	—	—	800	—
Sevastopol	—	—	—	—	—	—	20	—	20	—	—	—

9.33. Capacity of health care, physical education and social protection facilities put into service

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Children's hospitals, beds	104	25	—	—	—	—	106	222	230	—	55	60	25
Children's outpatient clinics, visits per shift	1710	—	—	—	—	—	320	60	—	100	166	600	—
Maternity hospitals, beds	312	—	30	—	—	22	39	—	17	25	91	10	55
Antenatal clinics, visits per shift	800	236	—	874	150	10	285	30	—	—	107	—	—
Sanatoria, beds	2120	499	717	719	555	912	435	286	426	404	921	605	626
Recreation centres and rest homes, admission number	380	416	505	319	176	753	1086	1059	1575	756	561	1435	2009
Homes for the aged and disabled, admission number	1019	258	94	—	—	44	266	168	430	32	213	192	98
Stadiums, seats	5700	6400	4606	35490	7029	900	—	150	1687	20990	33500	52888	9643
Gyms, sq.m	14177	4516	1611	—	2986	12620	12481	6258	25415	16174	16685	43838	9930
Swimming pools, sq.m of water surface	2773	485	—	275	400	796	975	3033	1903	2902	2218	644	2310
Sports grounds, sq.m	3125	10100	3140	—	13050	756	53874	8189	16562	5030	26832	23476	15583
Sports clubs, places[1]	10	9	7	2	3	8305	2333	3738	1422	226	1186	16251	1452

[1] Before 2003, 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

10.1. Freight shipped in 1940–2010, 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

[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	2003	2004	2005	2006	2007	2008	2009	2010
Transport	**6286**	**2456**	**1529**	**1654**	**1731**	**1805**	**1873**	**1990**	**1972**	**1625**	**1765**
Land	6167	2422	1514	1635	1710	1784	1850	1965,4	1953	1615	1754
rail[1]	974	360	357	445	462	450	479	514	499	391	433
road[1]	4897	1816	939	973	1027	1121	1167	1255	1267	1069	1168
pipeline	296	246	218	217	221	213	204	196	187	155	153
Water	119	34	15	19	21	21	23	24	19	10	11
sea	53	21	6,3	9	9	8	9	9	8	5	4
river	66	13	8,3	10	12	13	14	15	11	5	7
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

10.3. Share of freight shipped, by mode of transport

(percent)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Transport	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Land	98	98	99	99	99	99	99	99	99	99	99
rail[1]	15	14	23	27	27	25	26	26	25	24	24
road[1]	78	74	61	59	59	62	62	63	64	66	66
pipeline	5	10	15	13	13	12	11	10	10	9	9
Water	2	2	1	1	1	1	1	1	1	1	1
sea	1	1	0	0	0	0	0	0	0	0	0
river	1	1	1	1	1	1	1	1	1	0	0
Air	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	2006	2007	2008	2009	2010	1995	2000	2005	2006	2007	2008	2009	2010
Transport	**39**	**24**	**29**	**30**	**32**	**31**	**26**	**28**	**96**	**99,5**	**104**	**104**	**106**	**99**	**82**	**109**
Land	39	25	29	30	32	32	26	28	96	99	104	104	106	99	83	109
rail[1]	37	37	46	49	53	51	40	44	88	107	97	106	107	97	79	111
road[1]	37	19	23	24	26	26	22	24	97	98	109	104	108	101	84	109
pipeline	83	74	72	69	66	63	52	52	101	94	96	96	96	95	83	99
Water	28	12	18	19	20	16	8	9	74	101	104	107	106	81	50	113
sea	39	12	16	16	17	15	9	8	81	98	98	101	105	90	57	87
river	20	13	20	22	23	17	8	11	65	103	109	111	106	75	46	136
Air	11	14	74	59	62	61	51	53	120	206	125	78	105	98	83	103

[1] See the relevant footnotes to Table 10.1

10.5. Freight traffic in 1940–2010, 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

[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	2003	2004	2005	2006	2007	2008	2009	2010
Transport	**1039,3**	**544,0**	**394,1**	**457,5**	**480,1**	**473,6**	**494,6**	**510,2**	**507,7**	**395,7**	**418,7**
Land	761,7	415,2	379,6	442,4	464,9	457,4	475,9	491,2	491,5	387,3	409,3
rail	474,0	195,8	172,8	225,3	234,0	224,0	240,8	262,5	257,0	196,2	218,1
road[1]	79,7	34,5	19,3	24,4	28,8	35,3	40,6	46,6	54,9	49,2	53,9
pipeline	208,0	184,9	187,5	192,7	202,1	198,1	194,5	182,1	179,6	141,9	137,3
Water	277,5	128,8	14,5	14,6	14,9	15,9	18,4	18,6	15,8	8,0	9,0
sea	265,6	123,1	8,6	9,9	9,3	9,6	12,1	12,9	11,3	5,2	5,2
river	11,9	5,7	5,9	4,7	5,6	6,3	6,3	5,7	4,5	2,8	3,8
Air	0,1	0,0	0,0	0,5	0,3	0,3	0,3	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	2003	2004	2005	2006	2007	2008	2009	2010
Transport	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Land	74	76	97	97	97	97	96	96	97	98	98
rail	46	36	44	49	49	47	49	51	51	50	52
road[1]	8	6	5	6	6	7	8	9	11	12	13
pipeline	20	34	48	42	42	42	39	36	35	36	33
Water	26	24	3	3	3	3	4	4	3	2	2
sea	25	23	2	2	2	2	2,4	3	2	1	1
river	1	1	1	1	1	1	1,3	1	1	1	1
Air	0	0	0	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

10.8. Freight shipped, by rail of general use

(mln.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total shipment[1]	**974**	**360**	**357**	**445**	**462**	**450**	**479**	**514**	**499**	**391**	**433**
coal	217	102	98	120	127	120	124	126	129	109	118
coke	19	8	11	13	14	11	11	13	12	10	11
oil and oil products	52	20	27	43	33	27	25	28	30	27	31
ferrous metals	70	24	45	46	50	49	54	57	52	37	40
timber	5	3	3	4	5	5	5	5	5	4	5
bread	36	16	6	13	10	13	11	11	18	20	13
ore	116	50	65	74	78	80	87	93	86	73	82
cement	19	6	4	7	8	9	11	11	12	6	6
chemical and mineral fertilisers	16	5	10	11	11	12	13	16	15	11	12
other freight	424	126	88	114	126	124	138	154	140	94	115

[1] See the first footnote to Table 10.1

10.9. Freight shipped, by river

(thsd.t)

	1990	1995	2000	2003[1]	2004[1]	2005	2006	2007	2008	2009	2010
Total shipment	**65728**	**12845**	**8350**	**9975**	**11859**	**12869**	**14297**	**15121**	**11294**	**5146**	**6989**
By type of freight											
oil and oil products	516	6	—	…	42	27	29	24	4	—	3
coal	1687	620	245	1229[2]	1588	1210	924	1135	1321	779	618
coke	…	81	240	…	…	160	69	114	74	125	296
all kind of ores	4540	1283	1594	2123[3]	2495[3]	3086	3179	2748	2035	1470	2250
construction	54568	8594	3791	4173[4]	5139[4]	5891	7537	8779	6169	1808	3027
chemical and mineral fertilisers	95	161	116	142	207	206	193	292	228	81	89
timber	37	7	9	5	4	4	3	5	6	2	—
paper	…	…	4	38	45	31	12	10	23	2	6
all kind of metals	900	717	1599	1364	1284	795	1027	947	529	255	189
machines and equipment	314	…	48	52	79	38	32	33	29	27	26
sugar	…	…	11	42[5]	28[5]	43	25	—	—	—	1
bread	725	331	211	633	568	920	693	343	292	389	287
cotton, flax	…	…	4	—	—	—	—	—	—	—	—
perishables	34	…	—	1	—	—	—	—	—	—	—
freight in containers	…	…	26	—	—	—	—	—	—	—	3
other freight	2312	1045	452	173	380	458	574	691	584	208	194
By type of communication route											
international	2713	3260	4314	5188	5859	5828	5755	5124	4022	2641	3322
coastal	63015	9585	4036	4787	6000	7041	8542	9997	7272	2505	3667

[1] Data are based on the *Ukrainian Classification of Commodities in Foreign Trade*
[2] Energy resources, oil and oil distillation products, bituminous rock, mineral wax
[3] Ores, slag, ashes
[4] Salt, sulfur, lands and stones, plastering materials, lime and cement
[5] Sugar and sugar confectionary

10.10. Freight shipped, by sea

(thsd.t)

	1990	1995	2000	2003[1]	2004[1]	2005	2006	2007	2008	2009	2010
Total shipment	**53253**	**20798**	**6316**	**8851**	**8794**	**8575**	**8665**	**9124**	**8228**	**4652**	**4068**
By type of freight											
oil and oil products	1498[2]	190	344	…	1	10	299	484	430	298	249
coal	552[2]	338	271	208[3]	263	99	53	167	139	174	45
coke	…	361	89	…	…	37	22	12	6	5	—
all kind of ores	2225[2]	2531	1038	1358[4]	973[4]	758	706	1152	820	96	206
construction	…	1174	965	1788[5]	1971[5]	1812	2052	2154	2121	1399	704
chemical and mineral fertilisers	10279[2]	1670	201	165	201	211	251	111	101	62	46
timber	6[2]	464	262	436	387	259	202	106	70	17	30
paper	…	344	97	69	38	25	14	2	5	—	0
all kind of metals	101[2]	3354	1003	2443	2580	2038	2086	2029	1787	599	535
bread	1635[2]	2919	247	452	491	1062	939	933	1003	711	656
freight in containers	…	1887	733	875	781	781	456	397	258	62	92
other freight	580[2]	5566	1066	1057	1108	1483	1585	1577	1488	1229	1505
By type of communication routes											
international	36377	19966	5241	5981	5972	6334	6106	5785	5365	2676	2959
coastal	16876	832	1075	2870	2822	2241	2559	3339	2863	1976	1109

[1] See the first footnote to Table 10.9
[2] Freight shipment by coastal routes
[3] See the second footnote to Table 10.9
[4] See the third footnote to Table 10.9
[5] See the fourth footnote to Table 10.9

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

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
					Seaports					
Freight shipped, thsd.t	**53210**	**91943**	**126962**	**131761**	**138986**	**140610**	**157919**	**169595**	**157169**	**148177**
exports	21916	42704	56171	65436	70698	68391	63860	76261	88136	84098
imports	4270	6840	10955	11675	13331	15231	18784	21139	12809	17426
transit	24461	37351	55147	50004	50556	53198	69167	66286	52132	44182
internal	2563	5048	4689	4646	4401	3790	6108	5909	4092	2471
Percent	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
exports	41	46	44	50	51	48	40	45	56	57
imports	8	7	9	9	10	11	12	13	8	12
transit	46	41	43	38	36	38	44	39	33	30
internal	5	6	4	3	3	3	4	3	3	1
					River ports					
Freight shipped, thsd.t	**17338**	**7462**	**9828**	**12359**	**13157**	**16903**	**18553**	**14522**	**4870**	**6205**
exports	1634	1870	1919	2576	2076	2370	2660	2072	1433	1346
imports	340	848	817	656	708	879	946	991	196	283
transit	67	68	77	90	57	89	179	191	147	11
internal	15297	4676	7015	9037	10316	13565	14768	11268	3094	4565
Percent	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
exports	9	25	20	21	16	14	14	14	29	22
imports	2	11	8	5	5	5	5	7	4	4
transit	0	1	1	1	1	1	1	1	3	0
internal	89	63	71	73	78	80	80	78	64	74

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

10.12. Freight handled in sea and river ports (goods and fish)[1] in 2010, by type

(thsd.t)

	Total shipment	Including			
		exports	imports	transit	internal
Total shipment	**154381,9**	**85444,2**	**17709,0**	**44193,1**	**7035,6**
Bulked cargo	**29171,1**	**6167,9**	**2229,9**	**20534,0**	**239,3**
oil	11152,6	2,7	1435,5	9714,4	—
oil products	10592,2	2363,5	378,7	7610,7	239,3
vegetable oil	2926,3	2371,8	388,1	166,4	—
chemical	4010,2	1140,9	27,6	2841,7	—
other shipment	489,8	289,0	—	200,8	—
Loose goods	**85701,4**	**50857,7**	**9608,5**	**18808,7**	**6426,5**
coal	15086,0	5285,3	1841,6	7959,1	—
coke	1193,7	1162,1	31,6	—	—
all kind of ores	29631,2	20202,3	6848,7	2352,2	228,0
building	8974,6	2913,4	186,6	35,4	5839,2
cement	28,3	—	—	—	28,3
chemical and mineral fertilisers	9547,9	3737,4	402,6	5407,9	—
sugar	583,6	—	156,5	427,1	—
bread	16828,4	15701,6	—	819,1	307,7
including grain	15831,4	14704,6	—	819,1	307,7
other	3827,7	1855,6	140,9	1807,9	23,3
Freight and parcel	**29219,7**	**24167,1**	**1531,8**	**3151,0**	**369,8**
cars, truck cranes	109,7	13,8	43,6	52,3	—
wood	1540,8	1528,4	10,1	0,1	2,2
ferrous metals	24796,8	21705,5	68,8	2695,1	327,4
nonferrous metals	51,4	50,9	—	—	0,5
paper	5,0	—	4,2	0,8	—
cotton, flax and other fibrous cargo	10,8	—	10,8	—	—
chemical and mineral fertilisers	170,9	63,3	31,6	76,0	—
cement	35,0	0,1	33,6	1,3	—
manufactured goods in boxes and bales	159,2	9,2	121,4	27,6	1,0
oil products in packages	29,9	0,1	—	29,8	—
foodstuffs	822,6	19,1	730,5	39,2	33,8
including					
sugar	23,1	—	23,1	—	—
flour	8,7	8,7	—	—	—
grain	1,4	1,4	—	—	—
meat without packing	57,0	—	57,0	—	—
canned goods, all sorts	8,7	—	—	—	8,7
fish	183,0	—	157,5	—	25,5
vegetables and fruit	481,5	—	456,1	25,4	—
other	59,6	9,0	36,8	13,8	—
other assorted lading	1487,6	776,7	477,2	228,8	4,9
In containers (gross)	**6687,5**	**2379,3**	**3719,5**	**588,7**	**—**
Other	3602,2	1872,2	619,3	1110,7	—

[1] See the footnote to Table 10.11

10.13. Freight shipped by road, by region[1]

(mln.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**4896,5**	**1816,4**	**938,9**	**973,3**	**1027,4**	**1120,8**	**1167,2**	**1255,2**	**1266,6**	**1068,9**	**1168,2**
Autonomous Republic of Crimea	208,7[2]	46,0	17,0	19,5	19,1	20,1	21,5	26,4	26,1	20,3	22,4
oblasts											
Vinnytsya	177,0	63,9	28,3	24,2	27,7	26,9	30,3	33,7	33,9	25,7	30,1
Volyn	66,2	17,0	7,6	9,9	10,8	10,3	11,6	12,0	12,6	9,7	10,1
Dnipropetrovsk	836,2	308,9	234,9	256,2	274,0	303,7	325,1	367,0	347,1	309,0	359,2
Donetsk	574,9	211,8	125,3	137,7	147,1	170,5	182,5	188,5	174,9	131,7	149,8
Zhytomyr	154,5	55,1	29,3	31,0	34,1	35,0	38,2	41,6	45,0	36,1	40,1
Zakarpattya	78,3	16,0	10,8	11,4	10,8	13,7	16,5	20,8	18,0	12,1	11,9
Zaporizhzhya	191,8	57,2	40,0	45,1	43,8	46,3	51,3	50,7	59,1	34,4	64,9
Ivano-Frankivsk	86,5	32,1	13,1	9,9	9,1	10,0	10,2	11,6	11,8	9,6	9,1
Kyiv	171,7	114,9	36,3	35,4	40,4	33,5	32,1	38,5	40,5	40,4	41,0
Kirovohrad	167,5	41,9	16,3	15,3	20,0	25,1	28,1	28,6	31,3	27,3	28,1
Luhansk	240,8	65,3	26,1	49,9	32,0	31,8	28,3	26,9	27,4	24,7	24,3
Lviv	229,9	62,7	29,6	25,1	20,9	20,3	21,8	21,6	23,0	17,9	19,5
Mykolayiv	140,2	32,4	13,6	19,1	23,7	30,8	30,7	27,3	28,3	22,0	21,9
Odesa	145,0	37,0	24,9	16,4	19,7	23,0	24,7	25,6	30,5	26,6	26,3
Poltava	236,7	200,1	95,3	85,2	95,6	108,9	115,5	122,2	130,4	140,5	142,1
Rivne	112,2	34,3	15,5	17,4	18,5	18,4	18,9	19,6	21,3	17,2	13,7
Sumy	99,9	35,8	19,4	14,5	15,2	13,4	13,0	13,7	13,5	13,2	10,8
Ternopil	105,7	35,0	13,0	9,4	10,1	9,5	13,0	13,4	13,6	12,8	9,6
Kharkiv	199,4	61,0	27,8	33,3	36,3	36,5	35,3	42,2	45,5	28,9	28,8
Kherson	108,7	43,0	13,2	8,8	9,9	11,4	11,8	12,6	14,1	13,3	13,6
Khmelnytskiy	158,3	82,4	25,3	24,6	27,6	24,6	23,9	26,7	29,1	21,0	21,4
Cherkasy	154,1	57,6	33,9	23,5	27,9	46,7	30,0	24,7	32,6	25,9	24,1
Chernivtsi	58,6	15,8	5,7	7,4	8,2	8,3	8,9	8,1	8,9	8,6	7,2
Chernihiv	91,2	52,9	13,2	12,8	14,7	15,0	14,2	14,1	15,3	12,0	12,4
cities											
Kyiv	102,5	25,0	16,4	16,2	16,9	17,8	20,1	26,9	21,8	19,2	19,0
Sevastopol	…	11,3	7,1	14,1	13,3	9,3	9,7	10,2	11,0	8,8	6,8

[1] See the second footnote to Table 10.1
[2] Including Sevastopol city

10.14. Road freight traffic, by region[1]

(mln.tkm)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**79668,4**	**34478,4**	**19281,6**	**24386,8**	**28847,1**	**35244,0**	**40566,5**	**46569,9**	**54877,2**	**49231,7**	**53918,4**
Autonomous Republic of Crimea	4325,5[2]	2506,7	489,2	583,1	710,8	737,4	810,0	1091,2	1259,8	942,3	895,9
oblasts											
Vinnytsya	3108,8	1106,8	582,2	801,5	971,8	1034,5	1188,3	1567,8	1666,4	1319,7	1532,8
Volyn	1580,7	390,2	321,3	693,6	758,6	998,3	1253,2	1295,6	1689,8	1357,7	1690,5
Dnipro-petrovsk	7018,3	3781,4	1389,7	1700,5	2071,8	2180,6	2660,0	3219,2	3541,0	3258,4	3587,1
Donetsk	6863,1	3013,5	1301,9	1950,4	2019,8	2202,4	2523,0	2771,1	2853,0	2458,7	2897,1
Zhytomyr	2586,9	954,7	482,2	607,1	713,2	724,4	852,5	1001,1	975,4	825,5	1038,1
Zakarpattya	1459,3	348,5	423,5	743,8	951,4	1755,5	2041,2	2326,5	2592,0	2416,7	2754,3
Zaporizhzhya	3563,5	1303,9	2838,9	1601,3	1571,6	2912,1	2437,9	2772,7	2242,5	1631,8	1758,7
Ivano-Frankivsk	1893,7	913,2	327,5	360,5	409,3	520,8	716,7	898,0	1098,0	1206,6	1477,4
Kyiv	3766,2	3332,0	1103,2	1522,9	1799,5	2402,5	2624,3	2692,7	3669,4	3449,7	4147,4
Kirovohrad	2408,4	704,4	263,2	354,1	418,4	561,5	697,5	874,6	1010,4	1112,2	1083,1
Luhansk	3747,6	1224,1	887,5	1253,9	1352,6	1697,5	1740,3	2012,9	2314,6	2189,3	2706,3
Lviv	3594,7	1207,3	1748,8	1553,6	1837,4	1911,3	2478,6	2784,0	2882,0	2786,2	3878,0
Mykolayiv	2728,3	792,4	272,8	572,0	659,0	848,3	1140,8	1178,9	1459,0	1460,3	1393,4
Odesa	3500,2	1060,5	623,5	858,3	1258,4	1264,0	1476,6	1593,5	2592,3	2636,6	2531,0
Poltava	3482,2	1751,7	866,2	1076,9	1438,0	1611,0	2021,4	2331,8	2692,1	2575,2	2776,7
Rivne	1935,0	809,6	434,1	706,6	806,1	939,5	1227,7	1255,8	1448,6	1249,2	1518,4
Sumy	1998,4	881,5	490,2	513,3	559,5	603,0	653,7	758,2	817,3	675,6	670,0
Ternopil	1995,9	780,0	308,6	383,3	507,2	551,8	769,5	933,6	1125,6	1031,3	1034,6
Kharkiv	4007,1	1132,7	611,0	1230,0	1548,3	1778,6	2201,2	2763,2	3574,5	3147,7	3156,5
Kherson	3076,5	919,0	282,9	274,9	384,4	638,6	753,9	973,5	1170,7	997,4	1139,1
Khmelnytskiy	2606,6	1798,5	587,3	1007,7	1036,8	1248,7	1610,1	1588,4	2284,9	1888,1	2044,8
Cherkasy	2811,6	1105,2	661,3	648,7	797,1	1194,2	1148,4	1286,6	1693,3	1533,9	1675,3
Chernivtsi	1204,0	381,3	193,6	353,6	392,7	372,6	449,3	608,3	985,9	851,0	1026,7
Chernihiv	2120,3	1368,5	288,0	445,9	592,6	773,1	846,6	942,8	1192,9	1010,2	1201,2
cities											
Kyiv	2285,6	847,2	1434,9	2443,9	3113,8	3657,8	4031,2	4711,9	5656,3	5066,8	4130,2
Sevastopol	…	63,6	68,1	145,4	167,0	124,0	212,6	336,0	389,5	153,6	173,8

[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	2003	2004	2005	2006	2007	2008	2009	2010
Total shipment	**296**	**246**	**218**	**217**	**221**	**213**	**204**	**196**	**187**	**155**	**153**
Gas	182	174	150	158	164	164	156	142,5	143,2	114	121
Oil and oil products	114	68	66	57	55	47	45	51	41	39	30
Ammonium	…	4	2	2	2	2	3	2,5	2,6	2	2

10.16. Total passengers transported in 1940–2010, 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

[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	2003	2004	2005	2006	2007	2008	2009	2010
Transport	**14977**	**6816**	**7780**	**7711**	**7997**	**8200**	**8242**	**8214**	**8331**	**7275**	**6845**
Land	14917	6802	7773	7700	7982	8183	8225	8199	8316	7262	6831
rail[1]	669	577	499	477	452	445	448	447	445	426	427
bus[2]	8331	3483	2557	3297	3720	3837	3988	4173	4369	4014	3726
tram	2007	822	1381	1132	1112	1111	1083	1027	963	787	714
trolley-bus	3232	1359	2582	1921	1849	1903	1788	1621	1580	1283	1204
subway	678	561	754	873	848	887	918	931	959	752	760
Water	45	12	6	9	12	13	13	10	9	8	8
sea	26	8	4	7	10	11	11	8	7	6	7
river	19	4	2	2	2	2	2	2	2	2	1
Air	15	2	1	2	3	4	4	5	6	5	6

[1] See the first footnote to Table 10.16
[2] See the second footnote to Table 10.16

In 2010, automobile transportation of passengers by small businesses amounted to 1,9 bln. passengers.

10.18. Volume indices for passenger transport

(percent)

	1990=100								To the previous year							
	1995	2000	2005	2006	2007	2008	2009	2010	1995	2000	2005	2006	2007	2008	2009	2010
Transport	**46**	**52**	**55**	**55**	**55**	**56**	**49**	**46**	**77**	**98**	**103**	**101**	**100**	**101**	**87**	**94**
Land	46	52	55	55	55	56	49	46	77	98	103	101	100	101	87	94
rail[1]	86	75	67	67	67	67	64	64	92	102	99	101	100	100	96	100
bus[2]	42	31	46	48	50	52	48	45	86	102	103	104	105	105	92	93
tram	41	69	55	54	51	48	39	36	62	95	100	97	95	94	82	91
trolley-bus	42	80	59	55	50	49	40	37	63	94	103	94	91	97	81	94
subway	83	111	131	135	137	141	111	112	82	104	105	103	101	103	78	101
Water	25	13	30	54	21	20	17	17	66	111	115	95	74	93	87	99
sea	30	14	43	42	29	28	24	25	75	122	117	96	71	96	85	107
river	19	11	12	11	10	8	8	5	52	95	105	90	92	84	97	65
Air	13	8	26	29	33	42	35	41	114	107	118	114	113	125	83	119

[1] See the first footnote to Table 10.16
[2] See the second footnote to Table 10.16

10.19. Passenger traffic in 1940–2010, 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

[1] See the first footnote to Table 10.16
[2] See the second footnote to Table 10.16

10.20. Passenger traffic by mode of transport

(bln. passenger.km)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Transport	**222,5**	**120,2**	**113,1**	**121,2**	**128,6**	**135,8**	**139,3**	**140,9**	**147,0**	**130,0**	**130,0**
Land	204,7	116,3	111,3	117,3	123,0	129,6	130,9	131,4	136,1	120,9	118,9
rail[1]	76,0	63,8	51,8	52,6	51,7	52,7	53,2	53,1	53,1	48,3	50,2
bus[2]	90,3	34,8	28,8	40,1	47,5	52,5	54,0	56,1	61,3	55,2	52,0
tram	13,0	5,3	9,0	6,7	6,6	6,5	6,3	5,8	5,4	4,4	4,0
trolley-bus	21,0	8,8	16,8	11,2	10,8	11,2	10,4	9,3	9,0	7,3	6,9
subway	4,4	3,6	4,9	6,7	6,4	6,7	7,0	7,1	7,3	5,7	5,8
Water	1,7	0,6	0,1	0,1	0,1	0,1	0,1	0,2	0,1	0,1	0,1
sea	1,1	0,5	0,1	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1
river	0,6	0,1	0,0	0,1	0,0	0,0	0,0	0,1	0,0	0,0	0,0
Air	16,1	3,3	1,7	3,8	5,5	6,1	8,3	9,3	10,8	9,0	11,0

[1] See the first footnote to Table 10.16
[2] See the second footnote to Table 10.16

In 2010, 23 cities had tram lines, 46 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	2003	2004	2005	2006	2007	2008	2009	2010
Intercity transportation	**457**	**215**	**154**	**178**	**205**	**226**	**227**	**235**	**246**	**221**	**227**
rail (long distance)	95	68	45	49	54	60	62	60	61	57	62
sea (including commuter)	26	8	4	7	10	11	11	8	7	6	7
air	15	2	1	2	3	4	4	5	6	5	6
bus[1]	311	131	97	114	132	144	145	157	167	149	148
trolley-bus	10	6	7	6	6	7	5	5	5	4	4
Intracity transportation	**11301**	**4923**	**6452**	**6414**	**6651**	**6860**	**6889**	**6859**	**6969**	**5984**	**5597**
bus[1]	5394	2187	1742	2494	2848	2966	3105	3285	3472	3166	2923
trolley-bus	3222	1353	2575	1915	1843	1896	1783	1616	1575	1279	1200
tram	2007	822	1381	1132	1112	1111	1083	1027	963	787	714
subway	678	561	754	873	848	887	918	931	959	752	760
Commuter transportation	**3219**	**1678**	**1174**	**1119**	**1141**	**1114**	**1126**	**1120**	**1116**	**1070**	**1021**
rail[2]	574	509	454	428	399	385	386	387	384	369	365
river	19	4	2	2	2	2	2	2	2	2	1
bus[1]	2626	1165	718	689	740	727	738	731	730	699	655

[1] See the second footnote to Table 10.16
[2] See the first footnote to Table 10.16

10.22. Rolling stock, by mode of transport and purpose

(end of year; units)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Rail transport									
diesel locomotives	2741	2649	2591	2572	2557	2542	2545	2545	2539
electric locomotives	1796	1787	1792	1797	1809	1819	1855	1860	1861
steam locomotives	140	101	84	66	55	52	52	52	51
freight stock, thsd.	185,7	163,6	149,8	150,3	146,9	137,1	131,6	124,9	120,6
passenger stock, thsd.	9,0	8,2	8,1	7,9	7,8	7,7	7,6	7,4	7,3
Road transport, thsd.[1]									
trucks[2]	837,5	939,5	917,5	888,5	910,2	922,1	976,2	935,3	945,2
including private	290,7	322,2	356,7	349,7	377,0	412,9	474,4	455,5	479,2
passenger buses	140,2	174,1	175,9	167,9	180,0	185,5	188,0	180,4	171,5
including private	46,1	86,9	94,5	90,2	101,0	108,1	114,5	110,5	101,9
passenger cars	5250,1	5524,5	5445,8	5539,0	5603,6	5939,6	6393,9	6518,7	6769,3
including private	5109,6	4987,4	5125,9	5260,1	5326,4	5630,9	6090,4	6216,7	6470,5
other model vehicles[3]	225,1	118,0	133,7	137,3	167,5	177,8	213,3	231,6	241,5
motor transport	2251,5	1369,0	1145,4	982,6	821,9	714,3	650,9	554,5	528,4
including private	2233,9	1296,3	1119,3	970,5	812,2	707,7	645,0	549,2	522,7
River boats[4]	**2025**	**2086**	**2026**	**1962**	**1962**	**1962**	**2064**	**2064**	**2064**
Sea crafts[4]	**878**	**1159**	**1130**	**1177**	**1177**	**1177**	**1084**	**1084**	**1084**
Electric transport									
trolley-bus	5313	4833	4683	4554	4541	4494	4307	4064	3710
tram-cars	3459	3103	3000	2905	2859	2821	2736	2621	2522
transit vehicles	925	961	985	993	1020	1030	1030	1035	1119
Airplanes and helicopters	**954**	**699**[5]	**572**[6]	**659**[6]	**701**[5]	**614**[5]	**468**[5]	**381**[5]	**395**[5]

[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 2003, 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

[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 2003, trucks include: high sided trucks, dump trucks, saddle tow-cars and specialized 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 2003, 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 2003, vessels not fit for service. Data on the availability of river and sea transport for 2006/2007 – data for 2005 (survey once in every three years), for 2009/2010 – date for 2008 (survey every three years)

[5] According to data from the Ministry of Infrastructure of Ukraine

[6] According to data from the State Aviation Administration of Ukraine

10.23. Private cars, by region

(thsd.)

	1990	1995	2000	2003[1]	2004[1]	2005[1]	2006[1]	2007[1]	2008[1]	2009[1]	2010[1]
Ukraine	**3271,7**	**4468,7**	**5109,6**	**4987,4**	**5125,9**	**5260,1**	**5326,4**	**5630,9**	**6090,4**	**6216,7**	**6470,5**
Autonomous Republic of Crimea	165,8	239,7	247,6	253,5	251,5	250,7	233,7	232,5	245,6	262,6	289,8
oblasts											
Vinnytsya	106,5	151,8	180,0	182,9	161,1	175,7	174,9	187,0	169,9	185,4	188,3
Volyn	53,3	77,0	96,3	98,8	95,6	91,4	102,0	104,4	114,4	114,9	114,9
Dnipropetrovsk	285,5	369,0	390,0	404,3	368,0	405,7	407,9	453,4	485,5	502,3	499,9
Donetsk	334,8	410,5	495,1	498,3	498,3	469,4	490,6	469,5	562,0	583,6	583,3
Zhytomyr	73,0	103,2	127,0	113,4	133,4	131,2	138,0	148,1	160,3	162,6	165,5
Zakarpattya	80,9	120,4	117,8	119,8	128,1	142,5	146,1	145,6	163,7	188,2	176,1
Zaporizhzhya	200,5	250,1	284,2	305,4	310,8	315,7	309,1	303,2	301,1	295,1	298,6
Ivano-Frankivsk	55,9	98,9	124,1	134,1	133,3	136,4	137,2	146,1	171,9	127,9	139,7
Kyiv	115,3	172,1	207,3	116,2	234,3	253,3	212,6	273,2	290,5	303,9	378,1
Kirovohrad	92,7	109,7	138,0	111,0	96,9	92,7	96,9	113,7	118,6	121,4	122,0
Luhansk	208,6	246,8	247,1	216,0	272,4	276,8	283,6	291,0	310,4	322,0	310,1
Lviv	139,0	184,5	199,9	211,5	225,5	231,9	244,5	248,3	264,0	266,4	270,2
Mykolayiv	82,0	111,9	106,3	103,5	107,3	107,5	108,8	115,2	128,4	138,3	150,6
Odesa	180,5	214,1	252,3	236,2	234,9	207,7	191,8	239,3	261,0	266,0	350,6
Poltava	132,2	170,4	204,3	161,7	178,3	199,2	216,1	233,6	246,0	194,6	214,6
Rivne	43,4	68,4	89,8	110,3	102,7	105,2	95,1	101,4	108,1	102,5	105,3
Sumy	82,7	115,3	120,4	108,8	113,6	115,3	108,8	111,0	121,6	135,5	131,9
Ternopil	50,4	77,4	100,0	99,8	89,6	89,0	92,1	99,4	115,8	122,7	129,7
Kharkiv	214,4	291,8	316,1	348,3	345,2	348,1	349,2	343,6	367,3	376,4	384,0
Kherson	78,5	117,8	127,9	130,0	129,2	132,7	131,4	137,2	147,5	151,1	149,0
Khmelnytskiy	74,7	106,9	134,9	105,0	102,1	106,0	120,5	127,9	140,8	140,5	147,9
Cherkasy	104,5	164,8	166,8	165,6	164,9	158,2	166,7	169,9	175,7	177,3	183,5
Chernivtsi	49,2	85,5	100,6	89,1	87,7	88,3	88,8	89,6	92,2	97,4	101,3
Chernihiv	76,1	96,0	100,4	79,6	87,0	91,1	92,2	95,5	105,5	108,0	109,7
cities											
Kyiv	156,3	268,7	386,8	423,4	444,1	484,2	532,7	595,8	663,7	703,7	708,7
Sevastopol	35,0	46,0	48,6	61,1	30,1	54,2	55,1	55,5	58,9	66,4	67,2

[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

ROADS

10.24. Length of transport network in 1940–2010

(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

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

10.25. Operational length of transport network

(thsd.km)

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

At the beginning of 2011, the length of public pipelines equalled 46,3 thsd.km.

10.26. Density of transport network

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

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

In 2010, of public pipelines accounted for 77 km per thsd.sq.km of territory.

10.27. Introduction of modern types of transport network

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

10.28. Freight transport intensity, by mode

(mln.tkm per km of route)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Public railroads	20,8	8,6	7,8	8,0	8,7	10,2	10,6	10,2	11,0	12,0	11,9	9,1	10,1
Public river navigation routes	3,0	1,6	2,4	1,6	1,8	2,1	2,5	2,9	2,9	2,6	2,1	1,3	1,8

10.29. Passengers traffic intensity, by mode of transport network

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Public railroads	3,34	2,80	2,32	2,24	2,29	2,38	2,35	2,40	2,43	2,43	2,45	2,23	2,32
Public river navigation routes	0,15	0,02	0,01	0,02	0,02	0,03	0,03	0,02	0,03	0,03	0,02	0,02	0,02
Roads with hard coating	0,4	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,2	0,2	0,2	0,2	0,2
Trolley-bus tracks	5,2	2,1	3,9	3,5	3,2	2,6	2,4	2,5	2,4	2,1	2,0	1,6	1,6
Tram track rails	6,1	2,5	4,2	4,1	3,7	3,2	3,2	3,1	3,1	2,9	2,7	2,2	2,0
Subway track rails	23,6	14,4	18,3	22,6	23,6	24,0	22,5	23,1	24,0	25,3	24,3	18,9	18,4

In 2010, 457,4 thsd. of flights were conducted in Ukraine's air territory, including 359,0 thsd. of flights by foreign aeroplanes and helicopters, of which 58,9 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	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Rail[1]	486	543	484	479	492	506	506	497	503	511	516	501	504
Sea	4989	5921	1362	1222	1007	1119	1058	1120	1393	1413	1378	1120	1271
River	181	442	706	534	550	473	473	491	441	375	398	534	549
Road	16	19	21	19	22	25	28	31	35	37	43	46	46
Pipeline	703	753	859	851	915	889	915	932	955	929	962	918	895

[1] The 1990 and 1995 data show average distance for dispatching goods cargo; the 2000–2010 data show average distance for transporting goods

10.31. Average distance of passenger transport, by mode

(km)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Rail	124	110	104	106	109	110	112	118	119	119	119	113	118
Sea	43	62	15	5	7	7	6	6	8	13	10	12	8
River	31	21	12	26	23	26	26	24	30	30	34	33	42
Air	1083	1723	1489	1416	1392	1613	1687	1608	1900	1896	1745	1758	1794
Bus	11	10	11	11	12	12	13	14	14	13	14	14	14
Trolley-bus	7	7	7	7	7	6	6	6	6	6	6	6	6
Tram	7	7	7	7	7	6	6	6	6	6	6	6	6
Subway	7	7	7	8	8	8	8	8	8	8	8	8	8

10.32. Traffic accidents on roads and streets

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Traffic accidents, thsd.	…	…	…	…	…	…	…	…	195,6	278,8	312,8	229,9	204,1
including those with victims	50,9	43,2	33,3	34,5	34,5	42,4	45,6	46,5	49,5	63,6	51,3	37,0	31,8
of which fatal accidents	8,7	6,8	4,7	5,4	5,4	6,4	6,2	6,4	6,6	8,4	6,8	4,7	4,1
Accident victims, thsd. persons	63,1	54,4	41,8	44,2	43,9	54,6	60,6	63,2	67,6	88,1	71,0	51,0	43,6
killed	9,6	7,5	5,2	6,0	6,0	7,1	7,0	7,2	7,6	9,6	7,7	5,3	4,7
injured	53,5	46,9	36,6	38,2	37,9	47,5	53,6	56,0	60,0	78,5	63,3	45,7	38,9
Traffic accidents in cities, towns and villages[1], thsd.	37,0	31,2	25,3	25,5	24,6	31,5	32,2	33,1	168,3	195,6	230,5	169,8	148,7
of which													
killed, thsd. persons	…	4,3	3,0	3,4	3,1	3,9	3,6	3,6	3,8	4,8	3,6	2,3	2,1
injured, thsd. persons	…	32,9	27,3	27,5	26,6	34,3	36,6	38,3	43,3	56,6	44,0	31,7	26,6

[1] Before 2006, 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 2010 the number of traffic accidents caused by excessive alcohol totalled 5,0 thsd., as a result 208 people were killed (4,4% of all people killed) and 2,2 thsd. injured (5,6% of all people injured).

10.33. Persons killed and injured due to road accidents

(persons)

	1995		2000		2005		2008		2009		2010	
	killed	injured	killed	injured	killed	injured	killed	injured	killed	injured	killed	injured
All victims	**7530**	**46943**	**5185**	**36636**	**7229**	**55999**	**7718**	**63254**	**5348**	**45675**	**4709**	**38917**
pedestrians	3117	17167	2324	14208	3063	17184	3054	16405	1882	11308	1784	10505
bicyclists	634	3195	499	2819	544	3205	492	3966	374	2474	271	1510
drivers and passengers												
motorbikes	40	430	27	243	41	564	565	6848	308	4301	221	2944
motorcycles	970	5852	455	2982	285	2054	461	2859	326	2213	311	2353
motor cars	2348	18014	1619	14614	2280	24731	2876	29804	2291	21867	1896	18914
intercity and intra-city buses, trams and trolley-buses	64	729	31	545	294	3204	63	1918	23	1920	104	1676
trucks	180	1051	165	965	546	4309	122	1026	75	744	88	815
other power-driven carriers	152	348	61	208	139	542	54	254	56	706	19	70
horse-driven carriers and riders	25	157	4	52	37	206	31	174	13	142	15	130

COMMUNICATIONS

10.34. Revenues of post and communications services

(at current prices including VAT)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
	KRB mln.	KRB bln.	UAH mln.								
Total	**1935**	**135399**	**6861**	**14663**	**21124**	**27411**	**33503**	**39966**	**46106**	**46319**	**47417**
by type of communication											
post	613	22462	519	733	949	1340	1307	1574	2104	2638	2941
telegraph	144	3001	40	39	73	60	57	57	52	54	46
telephone											
urban and rural	317	41886	1746	2687	2780	2778	3179	3862	3953	4164	4234
intercity (including international)	649	56632	2824	4637	6033	6624	6184	5879	5511	4656	3962
courier activity	…	…	…	…	…	…	178	237	310	284	307
wire radio broadcasting	93	4585	66	52	50	48	81	110	146	193	202
special and communication service	42	988	23	109	152	194	64	94	120	112	128
TV and radio broadcasting	71	5097	160	354	531	673	854	1102	1432	1800	1917
of which cable TV	…	…	…	…	…	…	542	741	1002	1284	1356
supervision and technical control over radio frequency use	6	748	32	80	103	158	219	288	330	395	449
computer	…	…	151	643	935	1009	1256	1632	2416	3362	4237
of which provision of Internet access	…	…	…	…	…	…	1058	1376	2072	2865	3805
mobile[1]	…	…	1275	5295	9483	14476	20056	25061	29630	28511	28835
including cellular	…	…	1231	5267	9456	14453	20035	25028	29606	28487	28817
pager	…	…	34	17	12	8	6	5	2	0	0
trunk	…	…	10	11	15	15	15	21	22	20	15
other type of communication[2]	…	…	25	34	35	51	68	70	102	150	158

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

[2] Before 2008 the data covered income from satellite communication. Since 2009 income from IP Telephony have been included

10.35. Revenues of post and communications services to households

(at current prices including VAT)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
	mln. KRB	bln. KRB	mln. UAH								
Total	**778**	**39031**	**3115**	**6077**	**8351**	**10980**	**13316**	**16126**	**18732**	**18104**	**18015**
by type of communication											
post	…	3694	150	231	261	325	302	296	366	548	578
telegraph	…	1086	22	19	18	16	17	17	14	16	13
telephone											
urban and rural	…	11157	1072	1560	1551	1661	1947	2332	2445	2716	2779
intercity (including international)	…	20729	1209	1785	2455	2909	2730	2461	2242	2125	1744
courier activity	…	…	…	…	…	…	3	5	6	9	7
wire radio broadcasting	…	2365	43	35	33	32	64	90	119	160	167
special and communication service	…	—	0	2	2	3	0	—	—	—	—
TV and radio broadcasting	…	—	68	190	299	406	533	726	974	1238	1341
of which cable TV	…	…	…	…	…	…	529	721	971	1227	1328
supervision and technical control over radio frequency use	…	—	1	2	2	1	1	1	1	0	0
computer	…	…	17	49	84	144	251	472	953	1629	2277
of which provision of Internet access	…	…	…	…	…	…	248	468	942	1583	2271
mobile[1]	…	…	533	2204	3646	5483	7468	9726	11612	9662	9109
including											
cellular	…	…	524	2202	3645	5482	7467	9725	11610	9661	9108
pager	…	…	8	1	0	0	0	0	0	0	0
trunk	…	…	1	1	1	1	1	1	2	1	1
other type of communication[2]	…	…	—	0	0	0	0	0	0	1	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	2003	2004	2005	2006	2007	2008	2009	2010
Dispatched, mln.											
newspapers and magazines	11657	1595	1250	1278	1393	1454	1410	1258	1273	1204	1089
letters	1473	609	299	317	346	381	390	380	391	301	311
telegrams	73	25	12	9	8	6	6	4	3	2	2
parcels	43	3	5	7	7	10	13	16	18	15	18
money transfers and pension payments	178	280	224	168	186	178	152	151	160	142	149
Long-distance telephone calls (including international), mln.	657	798	1375	2276	3793	4503	3970	5139	8536	6380	5570
Per capita of present population											
dispatched, units											
letters	28	12	6	7	7	8	8	8	8	7	7
telegrams	1,4	0,5	0,2	0,2	0,2	0,1	0,1	0,1	0,1	0,04	0,04
parcels	0,8	0,1	0,1	0,1	0,2	0,2	0,3	0,4	0,4	0,3	0,4
long-distance telephone calls (including international)	13	16	28	48	80	96	85	111	185	139	121

10.37. Telephone communications

	1990	1995	2000	2001	2002	2003	2004	2006	2007	2008	2009	2010
Automated telephone exchanges, units	12025	12748	14971	13960	14433	15082	15448	16655	17501	17157	17668	17411
urban	2158	2380	4123	3231	3634	4171	4502	5184	5926	6147	6674	6470
including												
coordinated	1638	1612	2098	1610	1586	1564	1595	1234	1168	1060	1064	1033
quasi-electronic and electronic	84	353	1567	1224	1654	2218	2528	3648	4489	4833	5366	5199
rural	9867	10368	10848	10729	10799	10911	10946	11471	11575	11010	10994	10941
including												
coordinated	9807	10142	10085	9817	9630	9478	9310	8881	8841	8769	8712	8710
quasi-electronic and electronic	59	225	753	909	1166	1428	1632	2589	2728	2239	2279	2228
Assembled capacity of automated telephone exchanges, thsd. of phone numbers	6800	8056	10239	9747	10276	11484	12142	13813	12951	13167	14033	14405
urban	5733	6827	8879	8387	8881	10034	10632	11851	11265	11484	12249	12723
rural	1067	1229	1360	1360	1395	1450	1510	1962	1686	1683	1784	1682

10.38. Availability of telephones to households

(units)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Private telephone numbers (per 100 households)	29	33	41	43	45	50[1]	51[1]	54[1]	57[1]	60[1]	61[1]	61[1]	61[1]
Long-distance public telephones (per 100 thsd. population)[2]	35	26	43	70	96	102	110	123	120	102	90	68	60
Payphones (per 10 thsd. population)	17	11	11	8	6	5	4	2	0,03	0,01	0,002	0,002	0,001

[1] Including departmental
[2] Since 2000, including international and universal

10.39. Telephones in urban and rural areas, by region

(thsd.)

	In urban areas							In rural areas						
	1990	1995	2000	2005	2008	2009	2010	1990	1995	2000	2005	2008	2009	2010
Ukraine	**5176**	**6193**	**7397**	**9447**	**10835**	**10736**	**10654**	**997**	**1113**	**1196**	**1545**	**1655**	**1641**	**1632**
Autonomous Republic of Crimea	278[1]	246	291	364	402	426	413	44[1]	49	53	69	71	70	68
oblasts														
Vinnytsya	122	148	171	208	254	253	252	61	67	68	89	90	90	90
Volyn	82	96	114	145	161	159	157	31	34	35	42	42	41	41
Dnipropetrovsk	424	499	627	848	959	957	941	42	44	48	75	72	71	74
Donetsk	507	575	690	906	994	939	913	36	37	39	44	44	39	37
Zhytomyr	133	155	176	210	236	236	234	45	52	55	66	66	67	66
Zakarpattya	75	84	93	114	114	112	109	30	34	41	60	83	84	84
Zaporizhzhya	253	310	355	480	534	517	515	40	47	54	65	69	69	69
Ivano-Frankivsk	97	109	125	163	177	189	189	39	45	50	70	76	75	74
Kyiv	141	182	228	272	296	310	310	56	67	77	98	107	103	103
Kirovohrad	106	129	147	167	176	173	168	31	31	31	38	37	37	36
Luhansk	295	336	372	419	463	437	416	23	23	24	28	30	30	29
Lviv	208	268	319	370	441	445	448	49	50	56	78	85	86	85
Mykolayiv	150	192	221	250	285	276	263	33	35	32	40	40	38	38
Odesa	255	317	419	593	923	1015	1095	48	53	56	72	81	83	82
Poltava	150	182	222	299	343	339	332	46	53	58	73	71	70	69
Rivne	88	106	124	155	171	170	168	33	35	37	51	54	53	52
Sumy	120	145	169	207	219	215	214	33	35	32	44	50	52	50
Ternopil	79	101	121	153	149	144	144	42	49	54	71	87	87	91
Kharkiv	359	419	505	662	770	706	706	42	50	55	63	65	65	65
Kherson	128	153	165	216	230	204	197	30	34	36	42	45	43	41
Khmelnytskiy	123	152	177	206	223	220	217	46	50	54	66	74	72	72
Cherkasy	136	160	190	223	242	240	237	42	50	53	72	75	75	74
Chernivtsi	67	75	95	119	129	129	127	30	35	46	64	74	75	76
Chernihiv	142	169	177	218	243	240	238	45	50	50	61	63	62	62
cities														
Kyiv	658	789	987	1367	1542	1562	1529	—	—	—	—	—	—	—
Sevastopol	…	96	117	113	159	123	122	…	4	2	4	4	4	4

[1] See the second footnote to Table 10.13

At the beginning of 2011 there were 53,9 mln. users of cellular communications services.

10.40. Private telephones, by region

(thsd.)

	In urban areas							In rural areas						
	1990	1995	2000	2005	2008	2009	2010	1990	1995	2000	2005	2008	2009	2010
Ukraine	**4161**	**5146**	**6331**	**7758**	**8778**	**8690**	**8661**	**573**	**798**	**1020**	**1395**	**1512**	**1503**	**1495**
Autonomous Republic of Crimea	216[1]	196	245	306	330	350	340	24[1]	35	46	62	65	63	62
oblasts														
Vinnytsya	94	119	144	178	212	212	211	36	47	56	80	82	82	82
Volyn	61	76	97	123	135	133	132	17	24	29	37	37	37	37
Dnipropetrovsk	347	416	539	702	775	764	769	24	30	42	68	65	64	67
Donetsk	420	486	591	728	788	743	719	20	25	33	38	38	35	33
Zhytomyr	107	130	154	181	201	201	200	27	39	47	59	61	61	61
Zakarpattya	54	64	76	92	89	87	84	19	27	36	56	78	79	78
Zaporizhzhya	207	263	311	411	449	437	436	24	33	45	58	62	62	62
Ivano-Frankivsk	74	88	106	138	149	158	157	25	37	45	65	72	71	70
Kyiv	113	154	201	237	257	270	269	34	49	67	89	97	94	94
Kirovohrad	83	106	126	144	150	148	144	17	21	26	33	34	33	32
Luhansk	244	287	330	373	401	378	358	12	14	20	25	27	27	26
Lviv	164	223	276	317	366	369	372	27	36	48	70	78	79	79
Mykolayiv	123	163	193	217	237	229	224	18	25	27	35	36	35	34
Odesa	204	264	352	488	763	852	927	29	40	48	65	74	76	76
Poltava	118	150	191	249	283	279	273	25	35	47	64	64	63	62
Rivne	66	86	106	130	144	144	141	17	25	32	46	49	48	48
Sumy	92	118	144	178	186	184	183	16	21	25	38	45	47	45
Ternopil	61	83	104	118	124	120	120	25	38	48	66	81	82	85
Kharkiv	302	359	444	566	649	592	591	24	34	48	57	59	59	59
Kherson	101	125	138	178	194	172	166	15	23	28	38	40	39	38
Khmelnytskiy	98	129	154	178	189	187	185	27	36	46	61	68	67	66
Cherkasy	106	132	163	191	204	203	201	25	35	44	66	69	68	68
Chernivtsi	53	60	80	98	105	105	103	20	29	42	61	71	72	72
Chernihiv	109	139	152	188	207	206	204	26	37	43	55	57	57	56
cities														
Kyiv	544	648	811	951	1056	1062	1048	—	—	—	—	—	—	—
Sevastopol	…	82	103	98	135	105	104	…	3	2	3	3	3	3

[1] See the second footnote to Table 10.13

10.41. Inter-city telephones, by region

(units)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine[1]	**18281**	**13291**	**21404**	**48697**	**51951**	**57818**	**55950**	**47282**	**41616**	**31118**	**27433**
Autonomous Republic of Crimea	1923[2]	1600	2754	4251	4577	4575	3712	3051	2505	1743	1507
oblasts											
Vinnytsya	580	469	594	1394	1599	1890	1706	1363	1093	882	737
Volyn	285	130	434	908	918	927	812	707	531	475	398
Dnipropetrovsk	1332	1365	1442	3177	3372	4899	4501	3878	3512	2899	2647
Donetsk	1338	1105	1496	3415	4044	5619	5574	4597	4050	2494	2233
Zhytomyr	557	390	544	971	1073	1203	1187	1154	1078	574	415
Zakarpattya	297	73	296	749	790	777	691	614	526	412	357
Zaporizhzhya	1113	910	1138	3093	3470	3663	4036	2834	1846	1000	1004
Ivano-Frankivsk	355	184	355	969	977	993	937	856	825	710	372
Kyiv	703	442	746	1135	1193	1313	1300	1170	1044	875	753
Kirovohrad	357	163	311	780	840	1034	942	812	768	612	596
Luhansk	830	637	863	1989	2321	2294	2008	1832	1565	1331	1247
Lviv	931	453	1141	2461	2972	3151	2664	2338	2238	2070	1967
Mykolayiv	410	269	378	808	1043	1736	1513	1429	1301	1099	718
Odesa	1046	1027	2236	4180	3638	3514	3565	2996	2695	1918	1262
Poltava	614	470	440	939	946	1121	1251	980	824	753	647
Rivne	276	117	307	610	608	776	784	702	687	551	503
Sumy	483	378	453	903	912	1029	1008	811	743	407	397
Ternopil	370	245	378	1074	1071	1066	915	761	634	540	450
Kharkiv	914	816	928	2895	2908	3136	4532	3869	3569	2518	2447
Kherson	459	388	521	1547	1815	2002	1759	1623	1418	1028	859
Khmelnytskiy	421	192	434	1455	1447	1441	1443	1169	1051	855	726
Cherkasy	411	257	464	804	928	1056	970	877	797	720	655
Chernivtsi	270	25	370	819	956	980	940	803	725	413	407
Chernihiv	493	253	399	965	1061	1038	965	844	716	562	471
cities											
Kyiv	1513	821	1584	5400	5311	5279	5037	4084	3784	2842	2815
Sevastopol	…	112	398	1006	1161	1306	1198	1128	1091	835	843

[1] See the second footnote to Table 10.38
[2] See the second footnote to Table 10.13

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	2007	2008	2009	2010	1995	2000	2005[1]	2007[1]	2008[1]	2009[1]	2010[1]
Ukraine	**3410**	**2507**	**1902**	**1271**	**1053**	**781**	**571**	**33**	**41**	**54**	**60**	**61**	**61**	**61**
Autonomous Republic of Crimea	161	123	119	96	92	82	53	30	38	50	53	54	57	55
oblasts														
Vinnytsya	94	83	65	49	35	30	19	26	31	39	43	45	45	45
Volyn	46	34	29	22	18	13	9	33	40	47	50	51	51	50
Dnipropetrovsk	363	257	78	72	70	60	49	31	40	60	65	65	63	64
Donetsk	397	345	297	162	138	42	19	26	32	47	50	50	48	46
Zhytomyr	89	60	74	58	44	44	35	34	39	47	51	53	53	53
Zakarpattya	52	34	34	25	22	23	18	22	28	41	45	47	47	46
Zaporizhzhya	163	114	65	36	26	15	11	38	49	68	73	74	73	73
Ivano-Frankivsk	64	51	66	50	47	43	30	29	33	44	48	49	51	50
Kyiv	159	111	111	83	74	60	39	32	39	50	54	56	58	57
Kirovohrad	71	47	44	21	19	17	15	32	32	41	43	43	42	41
Luhansk	219	134	100	60	41	22	19	29	34	46	49	49	47	45
Lviv	168	130	111	87	76	67	62	27	38	54	59	60	61	61
Mykolayiv	83	57	31	19	12	10	2	41	46	55	59	60	58	57
Odesa	171	161	63	41	30	27	17	33	45	69	83	100	111	120
Poltava	131	103	61	35	34	26	15	27	37	50	55	56	56	55
Rivne	41	27	39	26	21	13	10	25	37	46	50	51	51	50
Sumy	81	64	58	42	30	25	21	28	34	46	51	52	51	51
Ternopil	36	29	36	23	17	9	8	34	44	50	55	57	56	57
Kharkiv	277	221	153	92	74	59	45	35	44	60	67	69	63	63
Kherson	79	56	33	20	14	11	8	31	37	51	56	57	52	50
Khmelnytskiy	60	48	63	33	21	18	13	35	40	47	51	52	52	51
Cherkasy	97	77	71	46	34	19	14	30	36	48	51	51	51	51
Chernivtsi	34	24	42	35	32	26	24	28	40	51	56	57	58	57
Chernihiv	75	54	34	24	19	16	12	39	39	50	55	57	57	57
cities														
Kyiv	157	44	12	5	4	2	2	59	84	92	109	102	102	101
Sevastopol	42	19	13	9	9	2	2	59	70	94	101	103	81	80

[1] See the first footnote to Table 10.38

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

(thsd. numbers)

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

Statistics on foreign trade in services are compiled on the basis of reports of Ukrainian enterprises and organisations submitted via state statistical reporting forms.

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.

According to international methodology direct investment data can be revised.

11.1. Foreign trade in goods, by country

(mln. USD)

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
Total	**14572,5**	**34228,4**	**39695,7**	**51405,2**	**13956,0**	**36136,3**	**45433,1**	**60742,2**
CIS countries[1]	**4459,7**	**10531,1**	**13472,9**	**18740,6**	**8029,6**	**16988,3**	**19692,6**	**26697,4**
Azerbaijan	40,8	290,5	546,0	610,8	23,8	27,8	282,8	951,2
Belarus	272,1	891,1	1258,9	1899,2	601,9	939,8	1692,8	2567,6
Armenia	12,1	97,3	165,6	201,3	3,4	13,2	28,2	17,9
Kazakhstan	76,8	667,1	1418,4	1300,4	412,8	186,4	2033,9	766,2
Kyrgyzstan	6,2	31,6	83,8	75,0	2,4	5,7	4,0	6,2
Moldova, Republic of	176,3	678,6	693,5	713,5	35,3	84,2	52,1	73,6
Russian Federation	3515,6	7490,1	8494,9	13428,1	5824,9	12842,5	13235,8	22198,0
Tajikistan	97,4	46,9	80,4	74,7	0,9	5,3	4,0	3,5
Turkmenistan	148,4	187,2	325,2	208,9	946,2	2678,1	718,3	31,4
Uzbekistan	114,0	150,6	406,2	228,5	178,0	205,3	1640,8	81,7

Table 11.1 continued

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
Rest of the world	**10112,8**	**23697,3**	**26222,8**	**32664,6**	**5926,4**	**19148,0**	**25740,5**	**34044,8**
Europe	**4680,2**	**10881,4**	**10264,5**	**13829,6**	**4311,5**	**12666,4**	**16233,8**	**20004,5**
including								
Austria	163,6	317,3	328,7	508,0	185,1	458,4	612,2	697,6
Albania	4,4	54,2	76,3	48,3	0,1	1,1	0,3	0,7
Belgium	106,5	197,6	279,6	356,9	134,7	314,0	464,0	588,3
Bulgaria	382,5	543,0	395,5	450,6	60,4	108,7	151,8	218,0
Bosnia and Herzegovina	2,5	15,0	9,6	14,9	0,9	3,2	8,9	7,6
Gibraltar	1,4	0,2	5,8	0,2	4,8	—	—	0,0
Greece	48,1	137,4	100,3	164,0	38,5	67,7	82,8	104,1
Denmark	24,7	106,7	122,4	124,5	68,2	176,0	219,4	240,5
Estonia	55,1	125,1	77,5	106,3	46,0	102,6	135,3	123,4
Ireland	27,2	6,7	4,2	4,5	25,7	45,2	102,1	112,1
Iceland	0,7	1,2	0,0	0,1	3,8	13,1	38,7	51,9
Spain	162,9	573,5	570,4	411,7	100,2	233,5	372,2	468,6
Italy	638,9	1892,6	1227,6	2412,4	346,0	1030,2	1139,8	1390,3
Latvia	166,5	311,4	178,0	180,2	43,5	64,5	110,1	88,1
Lithuania	83,3	209,3	193,5	264,4	135,4	200,0	410,3	637,5
Luxembourg	1,4	26,8	2,5	4,5	8,9	21,6	18,6	29,1
Macedonia, the former Yugoslav Republic of	42,4	35,9	42,3	96,0	1,7	2,6	31,3	26,3
Malta	4,1	15,1	31,4	49,6	0,1	0,3	7,7	13,4
Netherlands	138,0	515,3	594,9	563,2	146,6	464,1	677,5	837,9
Germany	741,4	1285,2	1248,1	1499,5	1134,4	3383,8	3852,1	4605,3
Norway	18,1	46,9	153,8	84,1	44,0	128,3	259,8	261,3
Poland	417,9	1010,4	1208,0	1787,2	312,5	1405,9	2170,3	2788,8
Portugal	20,1	19,9	63,6	121,8	7,7	27,9	41,9	51,5
Romania	164,6	488,8	319,5	705,8	48,2	211,8	488,1	682,2
San-Marino	5,3	4,9	2,8	0,9	0,6	0,4	0,1	0,1
Serbia	—	—	133,7	199,0	—	—	49,6	75,7
Slovakia	230,9	507,7	433,7	568,2	124,4	304,0	306,0	442,6
Slovenia	9,0	32,5	11,0	11,6	29,8	125,0	185,4	212,6
United Kingdom	137,7	358,2	346,3	506,5	202,8	502,7	651,1	821,0
Hungary	327,3	688,8	730,2	860,1	165,4	647,7	678,3	1214,6
Finland	24,0	28,7	37,5	34,1	95,9	351,1	421,6	429,8
France	111,7	199,9	442,3	476,9	236,1	798,9	971,5	1106,7
Croatia	15,3	59,9	15,0	33,4	8,4	19,4	45,8	50,2
Czech Republic	188,9	376,9	340,7	626,2	162,9	594,0	622,2	747,9
Switzerland	148,8	395,8	453,0	472,2	216,4	252,5	438,0	508,2
Sweden	8,3	41,6	81,1	77,8	150,4	547,4	451,3	358,8

Table 11.1 continued

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
Asia	**3475,7**	**8576,9**	**12131,7**	**13715,4**	**842,3**	**4685,5**	**6538,6**	**10023,3**
including								
Afghanistan	4,2	7,2	29,5	14,0	0,2	0,1	0,2	0,5
Bangladesh	4,0	18,4	332,2	112,7	0,3	2,1	13,2	17,8
Bahrain	0,9	5,9	0,1	2,3	—	—	1,3	0,1
Vietnam	67,1	145,3	244,3	136,7	21,1	41,3	113,9	117,6
Hong Kong	2,8	5,0	84,7	26,3	4,4	10,3	16,6	30,6
Georgia	37,8	199,5	398,2	527,5	10,3	41,0	97,8	136,1
Yemen	4,9	28,3	16,5	20,0	—	0,1	0,0	0,1
Israel	105,9	290,7	393,6	467,6	63,2	63,0	79,9	91,5
India	168,3	736,9	1152,5	1426,0	76,0	321,3	476,8	680,7
Indonesia	76,7	216,4	304,0	352,6	28,4	124,0	260,2	408,6
Iraq	68,1	77,6	236,5	345,0	—	0,2	0,0	0,5
Iran, Islamic Republic of	90,6	576,9	755,8	1030,7	4,9	18,2	33,2	49,9
Jordan	44,9	182,1	474,4	518,5	2,9	10,8	15,0	21,1
Qatar	—	12,9	11,7	13,2	0,1	0,0	3,6	2,9
China	628,9	711,1	1434,4	1316,6	131,9	1810,5	2734,3	4700,4
Cyprus	176,5	217,0	130,8	175,4	29,4	4,8	49,1	90,5
Korea, Democtaric People's Republic	7,3	0,2	3,7	2,7	6,2	2,1	0,8	2,5
Korea, Republic of	146,3	202,2	562,7	498,0	109,9	648,5	567,6	786,0
Kuwait	0,4	16,4	22,2	22,7	0,0	0,6	1,1	0,3
Lebanon	61,1	102,4	694,1	1031,9	1,1	2,0	3,5	4,2
Malaysia	16,3	26,1	47,2	96,9	23,2	161,6	181,5	171,0
Mongolia	1,3	19,5	28,6	33,3	4,2	11,7	6,5	11,1
Myanmar	13,8	17,0	14,8	16,8	0,0	0,2	0,2	0,7
United Arab Emirates	68,4	345,2	318,6	275,2	2,8	10,4	35,6	50,9
Oman	5,5	47,9	14,9	15,6	0,8	0,5	1,9	0,3
Pakistan	30,2	273,9	242,8	113,0	3,0	10,1	24,6	55,2
Saudi Arabia	35,9	386,5	498,2	644,5	0,4	3,0	8,3	37,4
Syrian Arab Republic	160,4	672,1	753,3	646,8	1,8	27,7	15,6	44,6
Singapore	71,0	489,6	129,3	147,2	4,7	18,3	26,9	23,9
Thailand	92,2	141,8	269,2	432,6	11,3	58,0	103,5	162,8
Taiwan, Province of China	242,4	134,5	60,1	80,0	19,7	96,7	129,3	141,2
Turkey	868,5	2026,7	2126,5	3024,0	159,9	607,7	952,2	1298,3
Philippines	78,1	132,6	194,3	31,6	5,0	5,6	22,4	23,0
Sri Lanka	24,3	25,9	24,8	9,4	16,1	23,4	37,7	54,8
Japan	68,4	82,0	111,2	104,8	99,1	548,2	519,5	801,7

Table 11.1 continued

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
Africa	**731,5**	**2393,9**	**2627,8**	**3018,7**	**136,4**	**426,2**	**617,6**	**874,4**
including								
Algeria	235,8	617,2	266,8	159,3	0,0	4,9	0,7	4,9
Angola	5,8	5,2	3,1	5,6	0,0	0,0	—	0,3
Benin	0,3	6,3	14,1	25,0	0,0	0,0	0,0	—
Gabon	—	0,7	0,6	2,7	—	75,3	28,0	80,0
Ghana	10,1	24,4	36,7	57,5	24,3	55,5	218,9	209,4
Guinea	6,3	10,0	5,9	13,6	50,4	115,9	92,7	106,1
Equatorial Guinea	1,1	0,4	24,1	4,0	—	0,0	—	—
Ethiopia	36,8	39,7	43,6	65,9	0,1	0,1	0,4	1,0
Egypt	221,0	798,8	1012,6	1328,0	2,4	37,1	61,7	84,2
Cameroon	5,7	16,5	17,6	18,7	0,9	1,0	0,3	1,6
Kenya	2,8	26,6	132,5	99,5	0,1	0,6	4,4	6,9
Congo	2,4	2,3	7,2	3,7	0,0	0,3	0,2	0,2
Côte-d'Ivoire	1,3	12,1	28,2	44,6	23,7	40,9	99,4	135,4
Liberia	2,9	1,4	0,9	2,8	0,0	1,4	2,7	4,3
Libyan Arab Jamahiriya	1,7	63,6	195,8	201,5	0,0	1,1	0,3	0,3
Mauritania	14,3	16,6	13,7	11,8	0,5	5,7	5,3	6,2
Malawi	—	0,2	—	—	6,5	9,5	22,4	21,3
Mali	0,7	14,7	15,0	12,6	—	0,0	0,0	0,0
Morocco	60,8	128,4	126,2	103,5	0,3	5,1	4,2	9,2
Mozambique	0,0	8,4	1,4	6,9	0,5	2,6	6,5	6,1
Nigeria	76,7	212,3	193,7	245,3	0,3	1,9	4,0	13,6
Tanzania, United Republic of	0,2	15,9	7,6	14,5	2,3	5,1	4,6	5,5
South Africa	6,2	24,8	30,2	27,6	3,1	51,6	47,2	158,0
Senegal	0,8	46,8	49,1	59,3	0,0	0,0	0,1	0,4
Sudan	4,4	51,3	69,0	96,5	0,4	0,1	0,2	0,2
Togo	1,6	5,9	5,7	21,3	0,1	0,0	0,1	0,1
Tunisia	25,8	183,7	188,9	232,0	6,3	0,6	2,9	3,6
Uganda	0,2	7,7	15,2	27,3	0,1	2,0	4,1	3,6
Chad	0,9	4,5	44,0	12,5	0,0	0,0	—	0,0

Table 11.1 continued

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
America	**1217,5**	**1831,2**	**1124,2**	**2000,0**	**581,4**	**1265,5**	**2197,9**	**2879,4**
including								
Argentina	7,8	15,9	13,7	39,8	6,1	38,5	56,8	106,1
Bahamas	2,7	0,9	0,0	0,1	0,8	0,6	1,6	0,5
Belize	4,1	15,0	4,5	5,1	0,0	0,1	0,4	0,7
Brazil	75,2	110,0	115,2	359,9	93,9	312,5	375,5	459,7
Venezuela	8,4	7,7	8,2	4,7	0,1	0,0	0,2	0,2
Virgin Islands, British	99,9	261,0	378,5	379,1	17,2	0,8	2,9	0,7
Guyana	—	0,1	0,1	0,2	24,2	0,0	58,6	44,8
Guatemala	15,1	16,2	3,1	7,2	6,1	1,3	5,0	7,2
Honduras	5,2	7,7	3,7	4,0	0,0	1,0	0,2	0,2
Dominican Republic	13,9	6,9	7,0	9,7	—	0,4	1,5	2,4
Ecuador	11,0	34,3	19,2	11,8	13,1	66,3	136,0	161,2
Canada	59,2	90,1	61,6	73,3	24,8	87,0	136,2	160,2
Colombia	12,0	31,4	34,4	16,1	1,6	7,8	14,2	13,4
Costa Rica	9,4	9,5	0,2	0,3	0,8	4,7	8,3	15,6
Cuba	10,3	21,6	13,6	12,9	5,4	1,5	3,4	13,0
Mexico	50,5	116,9	141,8	200,1	2,4	8,5	38,4	63,4
Panama	73,5	15,7	34,9	27,4	8,3	4,0	27,4	6,2
Peru	6,2	37,0	9,1	16,7	0,2	3,1	3,3	3,5
El Salvador	4,2	2,3	2,3	0,2	0,0	3,1	0,1	0,1
USA	725,3	956,5	250,4	807,3	360,4	710,0	1286,3	1766,8
Uruguay	0,3	0,1	5,1	2,2	0,2	2,8	2,2	5,4
Chile	13,1	38,2	10,3	1,8	0,2	9,9	30,9	37,1
Australia and Oceania	**7,0**	**13,7**	**21,6**	**28,4**	**54,7**	**103,9**	**149,4**	**261,4**
including								
Australia	5,2	9,6	17,5	23,6	53,8	85,3	142,0	246,6
New Zealand	0,7	3,8	3,9	3,2	0,9	2,4	7,2	13,8
Other	**0,9**	**0,2**	**53,0**	**72,5**	**0,1**	**0,5**	**3,2**	**1,8**

[1] On August 18, 2009 Georgia has left structure of CIS countries-participants

11.2. Exports/imports of goods in 2010, by region

	Exports			Imports		
	number of enterprises	value, mln. USD	percentage of total	number of enterprises	value, mln. USD	percentage of total
Ukraine	**13459**	**51405,2**	**100,0**	**21490**	**60742,2**[1]	**100,0**
Autonomous Republic of Crimea	208	563,3	1,1	338	326,7	0,5
oblasts						
Vinnytsya	337	566,3	1,1	330	344,7	0,6
Volyn	329	434,8	0,8	390	571,5	0,9
Dnieprope trovsk	1066	8010,4	15,6	1756	5387,7	8,9
Donetsk	819	13124,9	25,5	1093	3067,7	5,1
Zhytomyr	457	394,0	0,8	351	428,4	0,7
Zakarpattya	509	1156,6	2,3	544	1348,6	2,2
Zaporizhzhya	515	3200,3	6,2	626	1363,0	2,2
Ivano-Frankivsk	358	507,6	1,0	332	652,0	1,1
Kyiv	555	1301,9	2,5	1020	3018,1	5,0
Kirovohrad	173	336,8	0,7	150	187,5	0,3
Luhansk	420	3324,3	6,5	414	1118,9	1,8
Lviv	769	974,3	1,9	1407	2028,4	3,3
Mykolayiv	236	1597,1	3,1	247	866,1	1,4
Odesa	729	1684,4	3,3	1422	3520,3	5,8
Poltava	346	2219,7	4,3	352	1066,2	1,8
Rivne	292	396,5	0,8	311	438,1	0,7
Sumy	285	746,5	1,5	232	469,9	0,8
Ternopil	149	131,4	0,3	249	209,8	0,3
Kharkiv	1003	1433,1	2,8	1395	1834,1	3,0
Kherson	251	348,0	0,7	192	161,2	0,3
Khmelnytskiy	271	291,4	0,6	316	461,6	0,8
Cherkasy	289	672,7	1,3	297	378,4	0,6
Chernivtsi	192	104,0	0,2	214	113,1	0,2
Chernihiv	234	324,8	0,6	237	380,7	0,6
cities						
Kyiv	2542	7104,9	13,8	7134	25941,9	42,7
Sevastopol	120	97,6	0,2	126	63,6	0,1

[1] Including crude oil supply non-distributed by region

11.3. Commodity structure of foreign trade in 2010

(mln. USD)

	Exports		Imports	
	total	share of total exports, percent	total	share of total imports, percent
Total	**51405,2**	**100,0**	**60742,2**	**100,0**
including by UCCFT[1] category				
livestock and products of cattle farming	771,4	1,5	1242,0	2,0
products of plant-growing industry	3976,2	7,7	1563,9	2,6
animal and vegetable oils and fats	2617,3	5,1	451,6	0,7
finished foodstuffs	2571,1	5,0	2506,1	4,1
mineral products	6731,2	13,1	21127,9	34,8
products of chemical industry and other industries related to chemical	3479,3	6,8	6471,5	10,7
polymers, rubber and plastic products	685,3	1,3	3666,2	6,0
leather and fur and articles of leather and fur	173,8	0,3	177,4	0,3
wood and wood products	828,1	1,6	341,6	0,6
timber and other pulp	940,5	1,8	1665,4	2,7
textiles and textile products	736,0	1,4	1984,4	3,3
footwear, head-dress and umbrellas	174,8	0,3	491,5	0,8
articles of stone, plaster, cement, ceramics, glass	399,5	0,8	890,1	1,5
precious or semi-precious stones, precious metals and articles thereof	74,2	0,1	302,7	0,5
non-precious metals and articles thereof	17319,3	33,7	4128,7	6,8
mechanic equipment; machinery and equipment, electric equipment and their parts; video and audio recording and playback devices	5670,7	11,0	8174,4	13,5
transportation means and road equipment	3250,9	6,3	3664,5	6,0
optical equipment and apparatus, photo, cinematographic, measuring, medical and surgical equipment and apparatus, watches and clocks, musical instruments	252,3	0,5	905,0	1,5
miscellaneous manufactured goods	416,6	0,8	689,1	1,1
art products	0,2	0,0	2,4	0,0
goods purchased at ports	27,9	0,1	252,2	0,4
miscellaneous	308,5	0,6	43,8	0,1

[1] *The Ukrainian Classification of Commodities in Foreign Trade*

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

(thsd. USD)

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
Total	**242008,5**	**38662,6**	**41214,2**	**60718,0**	**920129,3**	**1713405,1**	**1702981,2**	**3151515,8**
CIS countries[1]	**3406,0**	**4618,3**	**1503,2**	**5198,3**	**59728,1**	**569268,3**	**57675,8**	**1416257,5**
including								
Belarus	35,3	—	—	205,2	3473,6	8763,9	2734,1	2252,0
Armenia	31,5	—	—	—	85,8	124,1	197,7	330,6
Kazakhstan	—	—	—	—	4465,4	966,6	2045,2	16436,1
Kyrgyzstan	—	—	—	—	145,0	2,7	—	14,4
Moldova, Republic of	684,1	38,7	—	153,8	250,5	514,4	623,8	775,1
Russian Federation	233,0	4579,7	1503,2	4494,3	51150,8	558509,5	50895,5	1394055,1
Turkmenistan	—	—	—	—	—	10,3	227,4	267,6
Uzbekistan	2422,1	—	—	345,0	113,2	376,8	952,1	2070,8
Rest of the world	**238602,5**	**34044,3**	**39711,0**	**55519,7**	**860401,2**	**1144136,8**	**1645305,4**	**1735258,3**
Europe	**206976,3**	**34035,9**	**39711,0**	**54869,1**	**622608,9**	**927759,9**	**1258656,2**	**1343158,9**
including								
Austria	187,4	2295,7	—	—	63074,8	42202,2	147786,5	59212,0
Belgium	2060,8	398,4	48,9	1418,3	42217,0	37283,7	70163,3	39264,4
Bulgaria	779,3	71,9	—	—	110,8	808,4	1097,6	859,4
Greece	1817,6	—	—	1476,4	17,7	58,2	160,0	226,1
Denmark	—	—	—	—	16217,0	29110,5	21094,7	9836,4
Estonia	2311,0	—	—	—	677,8	119,7	1873,0	6061,9
Ireland	—	—	—	—	757,4	263,6	1152,7	1888,9
Iceland	—	—	—	—	—	25,2	1,3	0,3
Spain	24560,6	—	—	—	3185,9	9154,3	9606,9	13419,5
Italy	19542,2	—	—	1447,6	84436,8	150405,9	132024,4	156062,8
Latvia	1645,5	—	—	—	2523,7	10307,5	49737,6	24136,4
Lithuania	73,2	—	—	—	580,8	14143,8	8912,8	7041,4
Liechtenstein	—	—	—	—	2,4	—	—	18,9
Luxembourg	—	—	352,5	—	1169,2	4227,0	929,5	995,4
Malta	—	—	—	—	48,0	—	6263,7	87,5
Netherlands	24532,1	—	—	270,5	10109,2	19901,4	33507,8	35758,3
Germany	90933,0	27871,8	19662,2	20201,8	233635,5	272737,0	318232,7	361692,6
Norway	—	—	—	—	144,6	837,9	6277,9	6049,2
Poland	6231,7	45,0	134,2	838,7	8438,4	56678,6	97389,0	143737,4
Portugal	15435,0	—	—	—	3194,3	6210,4	9793,8	12775,5

Table 11.4 continued

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
Romania	124,9	—	—	—	3124,5	6098,7	22437,8	30679,8
San-Marino	—	—	—	—	520,6	108,5	—	12,3
Serbia	—	—	—	35,5	—	—	—	—
Slovakia	1317,2	—	—	—	2966,6	18551,5	18342,8	11610,6
Slovenia	—	—	—	—	506,0	413,9	2021,5	1932,1
United Kingdom	657,3	3278,8	1812,5	6169,8	22824,4	32871,1	15111,0	18819,9
Hungary	2201,0	—	—	479,7	37702,8	104794,0	112683,8	204685,0
Finland	—	—	—	683,9	9953,8	19983,1	43257,5	45472,4
France	7098,4	—	1,6	131,1	33429,8	50859,5	38847,3	35563,3
Croatia	93,6	—	—	—	248,4	—	411,4	596,2
Czech Republic	1945,8	74,2	—	883,2	9562,7	20594,7	32279,3	46726,4
Switzerland	2950,7	—	17699,3	20832,7	23937,9	5261,6	18327,6	22896,0
Sweden	80,7	—	—	—	1508,4	13704,3	38929,7	45024,2
Asia	**20521,9**	**—**	**—**	**331,7**	**66529,4**	**110635,5**	**308170,0**	**220720,9**
including								
Bangladesh	—	—	—	—	17,5	1,6	—	1381,4
Vietnam	—	—	—	—	102,6	446,5	399,0	762,2
Hong Kong	—	—	—	—	2870,2	2449,6	6439,9	4904,6
Georgia	—	—	—	—	3,7	3870,5	1,9	—
Israel	1456,8	—	—	—	30289,2	9473,8	1593,4	1079,6
India	1120,8	—	—	—	391,0	2356,7	3455,1	4789,2
Indonesia	10,6	—	—	—	313,9	17280,6	61866,2	81066,7
Iran, Islamic Republic of	—	—	—	—	666,5	0,9	—	13,6
China	26,9	—	—	242,5	6898,9	20650,2	71249,9	35539,9
Cyprus	5043,1	—	—	—	207,0	—	1713,7	—
Korea, Democratic People's Republic	19,4	—	—	—	3005,2	572,1	17,6	362,7
Korea, Republic of	126,8	—	—	89,2	7354,3	4013,5	15206,1	14744,4
Malaysia	230,0	—	—	—	215,3	17327,8	8291,1	1319,5
Pakistan	1434,7	—	—	—	1525,7	965,4	532,7	1007,1
Singapore	—	—	—	—	428,2	1692,6	6605,1	2671,2
Thailand	—	—	—	—	901,1	1443,4	22299,2	1495,6
Taiwan, Province of China	—	—	—	—	4077,2	10743,9	54933,2	7485,1
Turkey	11036,1	—	—	—	4022,6	9955,4	22505,3	42826,0
Philippines	—	—	—	—	65,9	168,7	9513,1	807,7
Sri Lanka	—	—	—	—	10,8	0,0	2,1	0,5
Japan	16,7	—	—	—	3126,2	7157,5	21046,2	8388,0

Table 11.4 continued

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
Africa	**8459,2**	**—**	**—**	**123,1**	**55506,6**	**32476,4**	**1146,3**	**71434,1**
including								
Algeria	—	—	—	—	—	3273,9	13,2	—
Ghana	—	—	—	—	15432,7	5144,6	—	—
Guinea	—	—	—	—	36109,6	4,4	—	70012,1
Ethiopia	—	—	—	—	46,1	0,8	49,3	31,8
Egypt	—	—	—	—	505,1	160,3	106,0	135,8
Morocco	8459,2	—	—	—	—	0,8	423,1	659,4
South Africa	—	—	—	—	1862,5	40,4	16,0	16,2
Tunisia	—	—	—	123,1	1539,7	12,7	454,9	578,9
America	**2645,1**	**8,4**	**—**	**195,7**	**78801,4**	**57246,3**	**77332,5**	**99838,1**
including								
Anguilla	—	—	—	—	12,1	0,0	21,9	—
Argentina	—	—	—	—	110,7	124,0	175,8	457,9
Brazil	—	—	—	—	17732,1	24606,0	1563,1	20635,1
Virgin Islands, British	777,5	—	—	—	3985,5	700,0	—	—
Guyana	—	—	—	—	16217,9	—	—	28635,7
Guatemala	—	—	—	—	0,7	179,3	—	—
Greenland	—	—	—	—	12,2	0,1	—	—
Ecuador	—	—	—	—	998,7	0,0	3,4	0,1
Canada	766,2	0,5	—	—	305,1	689,9	3603,8	1381,6
Panama	—	—	—	—	—	355,8	1886,2	2607,9
Peru	—	—	—	—	—	3,7	51,8	—
USA	1014,4	7,8	—	—	28850,2	26413,1	69029,8	43350,0
Uruguay	—	—	—	—	22,8	1000,3	102,2	29,4
Jamaica	—	—	—	—	9531,1	—	—	—
Australia and Oceania	**—**	**—**	**—**	**—**	**36954,9**	**16018,7**	**0,4**	**106,3**
including								
Australia	—	—	—	—	36951,9	13,6	0,4	84,3
New Caledonia	—	—	—	—	—	16002,7	—	—

[1] See the footnote to Table 11.1

11.5. Foreign trade in services, by country

(mln. USD)

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
Total	**3486,8**	**6134,7**	**9598,3**	**11759,4**	**1150,9**	**2935,0**	**5173,5**	**5447,7**
CIS countries[1]	**2136,8**	**2815,5**	**3826,6**	**5609,6**	**213,2**	**509,3**	**787,2**	**939,8**
of which								
Azerbaijan	5,0	10,7	28,1	25,3	1,5	5,5	12,5	13,1
Belarus	32,5	47,3	85,5	131,8	10,8	23,8	43,8	63,3
Armenia	2,2	5,6	9,3	12,8	1,3	2,2	6,7	6,6
Kazakhstan	4,5	21,4	96,0	83,7	4,6	8,9	30,7	22,1
Moldova, Republic of	21,6	33,7	54,7	67,1	9,7	15,3	22,8	29,1
Russian Federation	2049,1	2574,5	3468,1	5157,1	182,5	436,7	658,8	793,5
Turkmenistan	15,5	108,0	68,3	111,5	0,9	13,9	7,8	7,2
Uzbekistan	5,4	5,5	10,4	13,6	1,5	2,3	3,0	3,2
Rest of the world	**1350,0**	**3319,2**	**5771,7**	**6149,8**	**937,7**	**2425,7**	**4386,3**	**4507,9**
Europe	**778,2**	**1870,4**	**2936,1**	**3298,5**	**400,9**	**1220,2**	**2640,2**	**2420,9**
of which								
Austria	44,9	94,9	163,8	182,8	20,6	127,5	228,4	144,0
Belgium	70,5	145,5	228,7	239,4	14,3	28,7	67,0	63,9
Bulgaria	35,8	32,3	30,7	30,1	5,7	10,4	19,1	17,5
Greece	44,1	69,2	83,1	80,7	9,3	12,5	27,6	23,9
Denmark	4,6	48,6	67,0	87,2	2,4	13,3	20,3	17,5
Estonia	3,3	12,9	108,1	114,0	4,5	8,5	12,7	12,1
Ireland	27,1	8,9	33,8	48,4	6,2	1,1	7,5	10,2
Spain	9,7	20,1	28,7	30,2	6,1	16,4	12,6	17,3
Italy	36,0	74,1	121,6	127,2	6,2	19,5	48,2	35,2
Latvia	16,0	39,8	41,8	31,7	8,0	13,0	24,0	32,0
Lithuania	5,0	12,6	27,5	36,8	3,3	6,7	17,1	16,2
Malta	32,0	35,2	103,8	93,1	2,3	1,4	1,3	2,3
Netherlands	18,5	73,2	118,8	103,2	24,0	65,6	127,1	125,1
Germany	105,0	185,8	375,5	337,2	69,3	171,3	361,3	353,4
Norway	11,0	13,5	35,5	41,3	1,7	6,9	5,6	10,5
Isle of Man	—	—	8,0	13,0	—	—	—	0,0
Poland	34,1	62,2	83,5	93,0	17,7	77,0	126,4	141,2
Portugal	0,8	10,6	11,3	10,9	0,2	2,4	10,6	54,1
Romania	9,6	8,0	14,3	21,6	4,4	4,0	22,0	11,2
Serbia	—	—	9,0	12,1	—	—	8,9	7,2
Slovakia	8,1	49,2	47,6	50,6	6,2	17,5	16,0	18,2
United Kingdom	123,2	300,2	551,9	557,8	104,2	271,3	653,9	598,8
Hungary	28,1	128,2	68,0	223,9	14,9	49,8	44,7	52,3
Finland	1,8	14,7	39,1	48,1	1,6	2,9	20,7	22,0
France	25,7	57,4	88,2	123,6	10,3	53,2	302,4	230,2
Czech Republic	7,6	21,2	31,0	43,1	7,0	17,6	67,2	38,6
Switzerland	47,8	296,2	303,2	431,2	32,2	111,1	188,2	178,6
Sweden	9,0	16,5	52,4	44,6	13,4	90,6	129,4	158,9

Table 11.5 continued

	Exports				Imports			
	2000	2005	2009	2010	2000	2005	2009	2010
Asia	**267,1**	**593,1**	**1162,4**	**1072,2**	**68,0**	**462,5**	**1038,8**	**1223,0**
of which								
Hong Kong	1,1	4,3	23,6	17,9	20,5	72,9	5,4	7,5
Georgia	4,7	33,7	54,8	54,1	2,2	11,4	15,8	17,7
Israel	21,2	40,9	57,2	64,5	8,5	18,8	33,0	28,7
India	33,5	17,1	54,8	31,2	1,8	3,2	5,1	4,7
Iran, Islamic Republic of	15,7	9,2	14,0	12,9	1,1	2,3	1,7	2,8
China	12,2	24,0	74,6	73,9	3,8	7,7	15,4	17,5
Cyprus	68,4	242,4	461,2	418,7	12,5	213,5	669,3	817,6
Korea, Republic of	2,0	8,3	14,4	12,4	3,3	2,8	4,9	6,4
Lebanon	8,4	7,5	22,4	13,8	0,5	1,0	4,6	3,4
United Arab Emirates	4,3	26,0	58,5	69,4	—	10,8	58,1	49,9
Syrian Arab Republic	22,7	22,1	29,0	23,0	1,0	1,4	0,8	0,8
Singapore	7,0	13,4	23,5	17,7	4,5	2,5	4,6	5,6
Thailand	2,4	5,5	9,9	18,3	1,0	8,1	13,1	17,6
Turkey	39,0	90,2	177,1	154,6	14,0	93,9	178,1	224,7
Japan	4,4	5,3	18,2	14,6	8,0	5,4	16,3	6,1
Africa	**28,4**	**72,2**	**164,4**	**152,9**	**6,1**	**28,7**	**43,2**	**45,0**
of which								
Egypt	3,7	14,1	47,0	48,5	2,9	18,0	31,2	32,2
Liberia	5,8	14,6	45,0	42,8	0,2	0,6	0,2	0,2
Nigeria	0,2	3,7	11,5	8,5	0,0	0,7	0,8	0,7
Seychelles	0,0	8,0	5,0	11,8	0,0	0,8	0,4	0,5
America	**186,3**	**476,8**	**1117,5**	**1235,7**	**290,6**	**391,7**	**450,4**	**571,0**
of which								
Bahamas	6,9	19,0	20,5	18,2	1,2	5,8	4,4	2,8
Belize	1,0	5,1	32,8	53,0	0,0	3,1	25,2	16,5
Virgin Islands, British	17,2	69,5	247,5	203,2	2,9	38,0	27,2	92,0
Canada	7,9	39,6	134,1	101,9	17,1	25,8	50,2	38,5
Panama	10,6	34,0	118,2	168,3	0,6	1,8	31,7	30,0
Saint Kitts and Nevis	0,4	2,2	50,7	31,1	—	5,9	5,3	3,7
USA	122,7	281,4	459,0	596,9	264,0	306,8	298,9	379,4
Australia and Oceania	**1,5**	**6,9**	**31,3**	**40,8**	**1,0**	**1,7**	**7,2**	**8,0**
of which								
Australia	0,7	0,9	3,9	3,1	0,8	1,0	2,2	0,9
Marshall Islands	0,3	5,2	17,7	25,2	0,0	0,0	0,1	0,1
New Zealand	0,3	0,3	7,1	10,7	0,0	0,4	4,7	6,9
Indeterminate countries	**88,5**	**299,8**	**360,0**	**349,7**	**171,1**	**320,9**	**206,5**	**240,0**

[1] See the footnote to Table 11.1

11.6. Exports/imports of services in 2010, by region

	Exports			Imports		
	total enterprises	value, mln. USD	percentage of total	total enterprises	value, mln. USD	percentage of total
Ukraine	**5235**	**11759,4**[1]	**100,0**	**3946**	**5447,7**[1]	**100,0**
Autonomous Republic of Crimea	450	275,4	2,3	67	36,8	0,7
oblasts						
Vinnytsya	65	34,1	0,3	59	68,7	1,3
Volyn	83	29,2	0,3	167	27,7	0,5
Dnipropetrovsk	154	357,8	3,0	235	446,6	8,2
Donetsk	222	536,5	4,6	217	428,6	7,9
Zhytomyr	47	10,5	0,1	36	13,4	0,3
Zakarpattya	118	49,0	0,4	77	39,5	0,7
Zaporizhzhya	134	175,9	1,5	81	108,2	2,0
Ivano-Frankivsk	67	76,4	0,7	69	20,6	0,4
Kyiv	141	347,0	3,0	122	204,3	3,8
Kirovohrad	14	17,4	0,2	23	7,2	0,1
Luhansk	80	152,0	1,3	130	51,7	1,0
Lviv	243	110,3	0,9	208	69,9	1,3
Mykolayiv	120	206,7	1,8	77	59,3	1,1
Odesa	749	1163,1	9,9	368	201,1	3,7
Poltava	123	31,5	0,3	185	113,0	2,1
Rivne	63	64,3	0,6	56	22,6	0,4
Sumy	61	44,3	0,4	67	65,1	1,2
Ternopil	37	7,9	0,1	44	6,1	0,1
Kharkiv	380	197,8	1,7	214	317,5	5,8
Kherson	119	45,4	0,4	26	2,5	0,1
Khmelnytskiy	38	17,9	0,2	71	12,0	0,2
Cherkasy	41	11,6	0,1	31	20,5	0,4
Chernivtsi	43	7,0	0,1	5	0,8	0,0
Chernihiv	46	6,2	0,1	45	19,9	0,4
cities						
Kyiv	1490	2852,8	24,3	1216	1969,0	36,1
Sevastopol	92	102,6	0,9	23	8,8	0,2

[1] Including the undistributed services by region

11.7. Structure of exports/imports of services in 2010

(mln. USD)

	Exports		Imports	
	total	percentage of total, section, unit	total	percentage of total, section, unit
Total	**11759,4**	**100,0**	**5447,7**	**100,0**
Transport services	7848,0	66,7	1170,7	21,5
sea	1234,3	15,7	143,1	12,2
passenger	3,9	0,3	0,0	0,0
cargo	48,2	3,9	35,0	24,5
other	1182,3	95,8	108,1	75,5
air	1181,9	15,1	447,6	38,2
passenger	579,8	49,1	163,4	36,5
cargo	275,9	23,3	8,7	1,9
other	326,3	27,6	275,6	61,6
rail	1487,1	18,9	463,5	39,6
passenger	310,3	20,9	187,5	40,4
cargo	402,7	27,1	33,6	7,3
other	774,2	52,1	242,4	52,3
pipeline	3357,7	42,8	0,6	0,1
other transport	586,9	7,5	116,0	9,9
passenger	15,9	2,7	3,0	2,6
cargo	209,7	35,7	38,7	33,4
other	361,3	61,6	74,2	64,0
Travel	381,1	3,2	347,2	6,4
Communications services	345,0	2,9	125,8	2,3
Construction services	140,9	1,2	106,6	2,0
Insurance services	70,5	0,6	113,2	2,1
Finance services	476,9	4,1	1085,5	19,9
Computer services	358,1	3,0	179,5	3,3
Royalty and licenses services	41,5	0,4	435,3	8,0
Other business services	131,5	1,1	233,4	4,3
Miscellaneous business, professional and technical services	1509,2	12,8	878,1	16,1
Services to individuals, and cultural and recreational services	27,6	0,2	194,7	3,6
Public services not included elsewhere	2,2	0,0	529,6	9,7
Repair	426,9	3,6	47,9	0,9

11.8. Foreign direct investment[1] in Ukraine in 2010

(mln. USD)

	Total	Of which, from		
		EU countries	CIS countries	other countries
Capital of non-residents in Ukraine, beginning of year	**40053,0**	**31608,5**	**2837,4**	**5607,1**
Increase in capital of non-residents	5986,0	4605,8	849,2	531,0
resulting from				
cash investment	5684,8	4346,7	837,9	500,2
investment in the form of share	8,5	8,4	0,1	0,0
investment in the form of debt cancellation	19,8	19,8	—	—
investment in the form of movables and real estate	245,5	208,2	11,1	26,2
investment in the form of intangible assets	1,5	1,5	0,0	0,0
purchases of corporate rights resulting from privatisation of state property	4,7	2,9	—	1,8
other forms of investment	21,2	18,3	0,1	2,8
Decrease in capital of non-residents	809,7	659,9	29,4	120,4
resulting from				
withdrawal of capital	659,3	540,1	23,7	95,5
of which				
cash contributions	494,3	398,8	17,0	78,5
securities	87,9	78,8	0,8	8,3
movables and real estate	77,1	62,5	5,9	8,7
assignment of capital non-resident to resident	90,1	62,0	5,7	22,4
other forms of capital decrease	60,3	57,8	0,0	2,5
Capital revaluation	–7,1	–1,8	2,8	–8,1
Capital losses	106,3	56,1	6,9	43,3
Transfer of capital ownership rights from a non-resident to a non-resident from another country	—	114,3	120,4	–234,7
Direct investment that was transferred from portfolio investment	29,4	9,8	19,3	0,3
Direct investment that was transferred into portfolio investment	62,7	49,4	0,2	13,1
Revaluation due to exchange rates	–374,6	–346,0	–2,6	–26,0
Capital of non-residents in Ukraine, end of year	**44708,0**	**35225,2**	**3790,0**	**5692,8**
Capital of non-residents in Ukraine, including loan capital, end of year	**50607,3**	**40361,1**	**3971,9**	**6274,3**

[1] Here and elsewhere (Tables 11.9–11.14) date are compiled on the basis of information from legal persons and contains information including data from the National Bank of Ukraine and Ukraine State Property Fund (on difference between market and nominal value of shares, property, etc., not published in statistical reports of several enterprises), who distributed by countries, type of economic activity and by regions

11.9. Direct investment in Ukraine, by country

(beginning of year; mln. USD)

	1996	2001	2004	2005	2006	2007	2008	2009	2010	2011
Total	**896,9**	**3875,0**	**6794,4**	**9047,0**	**16890,0**	**21607,3**	**29542,7**	**35616,4**	**40053,0**	**44708,0**
Cyprus	51,5	377,7	901,9	1101,4	1635,9	3187,5	5946,4	7646,2	9005,3	9914,6
Germany	156,9	240,9	451,6	653,7	5503,7	5578,1	5918,3	6393,0	6601,9	7076,9
Netherlands	46,5	362,2	459,9	637,2	919,5	1533,8	2508,8	3197,4	3954,5	4707,8
Russian Federation	50,0	286,6	388,6	720,8	835,8	1002,1	1462,4	1847,2	2566,4	3402,8
Austria	16,4	124,5	252,4	361,1	1439,5	1633,8	2067,4	2443,8	2605,2	2658,2
France	11,3	39,9	59,2	79,0	87,9	830,3	1044,8	1231,2	1630,8	2367,1
United Kingdom	53,9	312,0	701,2	955,4	1174,8	1563,4	1975,5	2249,8	2307,5	2298,8
Sweden	19,1	77,1	103,1	120,3	134,1	137,3	986,7	1262,8	1275,8	1729,9
Virgin Islands, British	5,0	192,8	367,5	582,2	736,5	806,2	1066,7	1294,0	1342,7	1460,8
USA	183,3	639,5	1060,2	1190,6	1387,4	1396,8	1430,1	1464,6	1309,1	1192,4
Italy	19,2	72,2	94,9	103,1	117,4	132,9	150,4	914,2	982,0	982,4
Poland	20,5	62,8	152,7	194,7	225,5	394,6	672,1	690,1	866,7	935,8
Switzerland	38,4	163,3	321,6	442,3	456,4	566,5	648,0	718,0	796,4	859,4
Hungary	20,0	51,9	128,7	177,3	191,0	370,9	411,2	595,4	711,5	723,6
Luxembourg	1,0	9,7	40,9	58,1	77,8	93,4	210,7	214,2	265,1	443,2
Other countries	203,9	861,9	1310,0	1669,8	1966,8	2379,7	3043,2	3454,5	3832,1	3954,3

11.10. Foreign direct investment in Ukraine in 2010, by type of economic activity

	Capital, end of year, mln. USD	Percentage of total investment
Total	**44708,0**	**100,0**
Agriculture, hunting, forestry	833,7	1,9
Fishing	12,9	0,0
Industry	14042,6	31,4
mining	1207,7	2,7
manufacturing	12488,1	27,9
production of foodstuffs, beverages and tobacco products	1858,7	4,2
light industry (textile industry; sewing of clothes, fur and fur articles; production of leather, leather articles and other materials)	139,3	0,3
wood working and production of wood products apart from furniture	281,3	0,6
cellulose and paper industry; printing	241,1	0,5
production of coke and refined petroleum products	452,9	1,0
chemical and petrochemical industry (production of chemicals; production of rubber and plastic products)	1339,6	3,0
production of other non-metallic mineral products	806,8	1,8
metallurgy and production of finished metal products	5940,4	13,3
engineering (manufacture of machinery and equipment; manufacture of electrical, electronic and optical equipment; manufacture of transport vehicles and equipment)	1171,4	2,6
other manufacture n.i.e.	256,6	0,6
production and distribution of electricity, gas and water	346,8	0,8
Construction	2339,2	5,2
Trade; repair of motor vehicles, household appliances and personal demand items	4764,5	10,7
Hotels and restaurants	458,3	1,0
Transport and communications	1711,2	3,8
Financial activity	15059,5	33,7
Real estate transactions, renting, engineering and provision of services to businessmen	4754,1	10,6
Public administration	0,5	0,0
Education	16,8	0,1
Health care and provision of social aid	131,2	0,3
Provision of communal and individual services; cultural and sporting activity	583,5	1,3

11.11. Direct investment in 2010, by region

(mln. USD)

	Inward		Outward	
	beginning of year	end of year	beginning of year	end of year
Ukraine	**40053,0**	**44708,0**	**6226,3**	**6871,1**
Autonomous Republic of Crimea	718,4	815,6	2,5	2,2
oblasts				
Vinnytsya	184,6	212,5	0,2	0,2
Volyn	332,4	344,1	…[1]	…[1]
Dnipropetrovsk	7054,1	7486,7	111,1	152,3
Donetsk	1636,8	2061,5	5395,8	5959,1
Zhytomyr	238,1	246,8	—	—
Zakarpattya	363,7	362,6	—	…[1]
Zaporizhzhya	916,1	939,9	14,0	43,0
Ivano-Frankivsk	635,1	542,6	…[1]	…[1]
Kyiv	1525,5	1603,0	2,8	7,0
Kirovohrad	82,6	65,5	0,1	0,1
Luhansk	637,1	630,8	1,7	1,9
Lviv	1198,6	1273,8	0,7	0,8
Mykolayiv	162,7	181,2	0,5	0,5
Odesa	1042,0	1124,9	37,4	36,3
Poltava	450,9	531,5	2,0	1,8
Rivne	307,6	304,4	—	—
Sumy	243,5	357,6	2,7	2,7
Ternopil	66,5	65,1	…[1]	…[1]
Kharkiv	2082,7	2705,4	10,2	13,4
Kherson	197,4	202,8	0,0	0,1
Khmelnytskiy	219,6	183,5	…[1]	…[1]
Cherkasy	222,5	287,0	—	—
Chernivtsi	61,8	62,3	…[1]	…[1]
Chernihiv	88,8	94,9	…[1]	…[1]
cities				
Kyiv	19225,1	21859,2	617,2	622,6
Sevastopol	158,8	162,8	…[1]	…[1]

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

11.12. Direct Ukrainian investment abroad in 2010

(mln. USD)

	Total	Of which, to		
		EU countries	CIS countries	other countries
Capital of residents in other economies, beginning of year	**6226,3**	**5910,9**	**220,9**	**94,5**
Increase in capital of residents	679,5	640,8	30,4	8,3
resulting from				
cash investment	100,1	61,5	30,4	8,2
investment in the form of share	579,3	579,3	—	—
investment in the form of debt cancellation	—	—	—	—
investment in the form of movables and real estate	0,1	—	0,0	0,1
investment in the form of intangible assets	—	—	—	—
other forms of investment	—	—	—	—
Decrease in capital of residents	3,7	0,1	2,3	1,3
resulting from				
withdrawal of capital	2,7	0,1	2,3	0,3
of which				
cash contributions	2,4	0,1	2,2	0,1
securities	0,2	—	0,0	0,2
movable property and real estate	0,1	—	0,1	—
assignment of capital non-resident to resident	—	—	—	—
other forms of capital decrease	1,0	—	0,0	1,0
Capital revaluation	—	—	—	—
Capital losses	0,0	—	0,0	—
Transfer of capital ownership rights from resident abroad to another resident	—	—	—	—
Direct investment that was transferred from portfolio investment	—	—	—	—
Direct investment that was transferred into portfolio investment	0,0	—	—	0,0
Revaluation due to exchange rates	–31,0	–27,7	–2,6	–0,7
Capital of residents in other economies, end of year	**6871,1**	**6523,9**	**246,4**	**100,8**
Total capital of residents in other economies, including load capital, end of year	**7002,0**	**6654,8**	**246,4**	**100,8**

11.13. Direct Ukrainian investment abroad, by country

(beginning of year; mln. USD)

	1996	2001	2004	2005	2006	2007	2008	2009	2010	2011
Total	**84,1**	**170,3**	**166,0**	**198,6**	**219,5**	**243,3**	**6196,6**	**6203,1**	**6226,3**	**6871,1**
Cyprus	…[1]	…[1]	1,9	2,0	2,1	10,3	5825,5	5826,1	5778,5	6342,5
Russian Federation	52,1	68,1	88,0	97,3	102,9	104,0	148,6	99,9	166,1	194,3
Latvia	…[1]	…[1]	…[1]	…[1]	…[1]	3,5	30,7	31,6	31,9	87,9
Poland	0,3	0,3	0,4	21,1	21,3	24,2	30,1	46,9	49,4	49,1
Georgia	…[1]	0,9	2,2	…[1]	2,2	2,9	28,5	26,9	32,4	31,1
Virgin Islands, British	—	—	—	—	—	0,1	10,9	14,3	20,8	25,8
Kazakhstan	—	…[1]	0,0	0,0	0,0	0,2	0,8	26,8	27,1	25,2
Panama	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Spain	—	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Moldova, Republic of	0,0	…[1]	…[1]	0,0	0,9	1,3	26,7	26,6	15,2	15,2
Switzerland	8,1	6,5	4,2	4,7	4,0	4,3	4,6	5,0	5,1	9,3
Germany	0,2	0,2	0,4	0,4	0,3	0,4	2,5	2,6	5,2	9,2
Lithuahia	…[1]	0,4	0,4	0,4	0,4	2,9	4,0	…[1]	…[1]	…[1]
Armenia	…[1]	—	—	—	—	…[1]	12,8	13,5	…[1]	…[1]
USA	1,4	0,7	5,4	5,7	5,6	5,7	5,9	5,9	5,8	5,8
Other countries	11,5	30,2	30,4	32,0	47,1	45,3	32,3	35,7	39,5	22,7

[1] See the footnote to Table 11.11

11.14. Direct Ukrainian investment abroad in 2010, by type of economic activity[1]

	Capital, end of year, mln. USD	Percentage of total
Total	**6871,1**	**100,0**
Agriculture, hunting, forestry	6,8	0,1
Industry	130,2	1,9
mining	0,3	0,0
manufacturing	129,9	1,9
production of foodstuffs, beverages and tobacco products	62,3	0,9
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)	5,3	0,1
production of other non-metallic mineral products	…[2]	…[2]
metallurgy and production of finished metal products	37,6	0,5
engineering (manufacture of machinery and equipment; manufacture of electrical, electronic and optical equipment; manufacture of transport vehicles and equipment)	21,8	0,3
other manufacture n.i.e.	2,6	0,0
Construction	1,9	0,0
Trade; repair of motor vehicles, household appliances and personal demand items	131,6	1,9
Hotels and restaurants	…[2]	…[2]
Transport and communications	54,2	0,8
Financial activity	628,4	9,1
Real estate transactions, renting, engineering and provision of services to businessmen	5902,9	85,9
Public administration	…[2]	…[2]
Education	…[2]	…[2]
Health care and provision of social aid	…[2]	…[2]

[1] These are types of economic activity of resident enterprises that made investment abroad
[2] 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.

Turnover of retail trade includes retail trade turnover of enterprises engaged in retail trade as well as estimated sales of consume goods though 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 though 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	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Wholesale turnover of enterprises	167,3	273,5	290,1	394,1	547,1	511,2	667,2	863,9	1050,4	861,0	1048,5
Turnover of retail trade	47,5	59,0	68,8	87,6	116,3	174,4[1]	237,8[1]	325,1[1]	456,0[1]	444,3[1]	541,5[1]
Turnover of restaurant business	2,1	2,5	2,8	3,0	3,5	7,5[1]	9,1[1]	11,7[1]	15,6[1]	15,4[1]	17,9[1]
Retail turnover of enterprises	28,8	34,4	39,7	50,0	67,6	94,3	130,0	178,2	246,9	231,0	280,9

[1] Based on data derived from complete enumeration of retail trade and restaurants belonging to natural persons (businesses)

12.2. Wholesale turnover, by region

(mln. UAH)

	2001	2004	2005	2006	2007	2008	2009	2010
Ukraine	**273468,5**	**547095,4**	**511150,0**	**667228,6**	**863881,9**	**1050392,9**	**860967,9**	**1048469,8**
Autonomous Republic of Crimea	2574,5	4417,4	5294,8	6622,9	8281,3	11587,7	12015,7	13723,9
oblasts								
Vinnytsya	1600,8	3083,1	3068,1	3690,6	4702,5	6772,9	6847,8	8501,0
Volyn	9253,4	16381,0	12098,7	10451,6	12269,2	21684,8	21968,6	15810,2
Dnipropetrovsk	47379,9	79528,5	66518,0	74246,7	92341,4	104723,4	93934,8	98919,8
Donetsk	50891,0	90996,1	68127,9	96574,5	115761,6	145420,2	114271,4	173923,9
Zhytomyr	2191,0	9431,2	4758,9	4086,1	6133,8	5665,2	4188,1	13616,4
Zakarpattya	703,6	2664,6	3846,7	3300,6	4458,5	5525,7	4761,9	6770,3
Zaporizhzhya	8243,7	20979,7	17737,8	19614,2	25362,5	30415,4	20517,8	25670,6
Ivano-Frankivsk	2519,4	9045,1	4895,5	6612,9	5842,7	6522,7	8070,4	8716,3
Kyiv	6988,1	18679,5	15825,0	19521,3	26000,5	35323,8	35227,5	43990,4
Kirovohrad	1276,1	3104,4	3024,8	3603,5	4418,1	5840,7	6247,1	8409,8
Luhansk	15838,1	30211,2	19508,0	16496,3	17612,6	19438,9	18742,7	22105,8
Lviv	8000,3	18669,4	16387,5	18494,0	19834,2	24317,9	21007,3	23915,6
Mykolayiv	2946,1	9556,3	13588,9	16607,8	17962,8	18612,4	20229,9	21057,3
Odesa	8886,6	20395,8	21863,8	27501,9	34015,1	51333,6	45878,8	46792,8
Poltava	5071,8	14659,7	8439,1	11349,8	21743,8	18344,8	14800,4	32607,6
Rivne	1600,3	4219,3	5667,5	7784,9	8066,8	7953,9	3297,9	3732,7
Sumy	4377,4	3254,5	3056,1	3406,2	3910,8	5074,6	4423,9	5261,3
Ternopil	684,6	1234,2	1546,6	1726,9	2163,0	3323,4	4994,6	4944,0
Kharkiv	11674,1	31362,2	26618,0	35108,1	44424,0	52337,5	41330,9	46662,4
Kherson	3538,1	6175,2	5199,6	6821,3	7626,6	9762,5	9512,4	10572,8
Khmelnytskiy	1570,1	4722,4	7955,9	5874,5	4311,2	4870,6	4361,2	5009,4
Cherkasy	1794,1	3027,6	4411,7	6314,6	7509,5	9260,1	8533,4	9841,4
Chernivtsi	629,9	1502,8	2013,8	2087,6	2961,8	3375,5	2495,3	2529,6
Chernihiv	968,7	1762,7	2505,8	2685,0	3397,9	4568,3	4357,4	5932,0
cities								
Kyiv	71068,9	135871,5	164631,4	253307,7	358008,7	432706,7	322274,9	378207,0
Sevastopol	1197,9	2159,9	2560,1	3337,0	4761,0	5630,0	6675,8	11245,5

12.3. Commodity structure of wholesale turnover

(mln. UAH)

	2006	2007	2008	2009	2010
Wholesale turnover, total	**667228,6**	**863881,9**	**1050392,9**	**860967,9**	**1048469,8**
Food products	**103289,0**	**131483,2**	**155100,5**	**168298,8**	**193848,5**
including					
fresh (fresh-killed) or cooled beef and veal	166,4	211,5	146,2	261,3	255,7
frozen beef and veal	418,0	688,1	1032,9	750,7	657,9
fresh (fresh-killed) or cooled pork	94,0	95,5	779,7	729,7	319,8
frozen pork	341,9	320,9	1114,1	1397,6	1621,7
meat and edible offals	1671,6	1533,0	2146,4	6459,0	8254,8
sausage goods	1160,4	1291,8	1806,9	2180,4	1896,8
poultry ready-made products and canned goods	88,9	130,0	158,1	166,1	156,8
pork ready-made products and canned goods	74,8	127,8	658,2	432,2	103,3
beef and veal products and courses including canned goods	265,8	238,0	503,7	123,4	96,2
processed skimmed milk	1396,6	1954,0	2680,3	2656,8	3240,0
dried milk and cream	823,4	1716,5	1284,7	880,3	1259,8
butter	1480,7	1911,0	2196,0	1946,9	1936,8
rennet, melted and lactic cheese	2458,3	3854,4	6230,0	6039,7	8014,6
preserved milk products	1016,9	941,6	767,9	861,6	968,2
margarine and similar products	1781,4	2301,1	2665,4	2616,6	3175,7
vegetable oil	6908,7	10201,2	9943,9	7181,1	11182,9
vodka, other strong drinks	4750,4	4993,6	5071,3	4766,3	6801,9
liqueurs, sweet fruit liqueurs, alcoholic tinctures, other alcoholic beverages	534,6	564,8	699,4	766,8	1082,7
wine	1894,9	2675,7	3023,2	2751,5	4025,8
vermouth and similar beverages	198,6	187,6	277,0	241,7	227,8
beer	4994,7	6516,6	5656,6	5845,3	6622,9
mineral waters, soda unsweetened and non-fragrancing water	1569,2	2375,7	3165,8	3738,3	3449,1
soft drinks	2013,3	2759,2	3060,9	2988,6	2689,7
tobacco products	7205,8	9573,4	10578,6	20186,5	23899,0
sugar	6396,9	5533,3	6891,9	7487,6	9708,0
chocolate and chocolate products	3843,0	4055,0	6355,2	5653,3	7037,2
sugary confectionery (including white chocolate) without cacao	4576,2	4945,5	5731,2	5665,3	5788,9
coffee	2997,8	4110,9	4157,0	5148,2	5375,1
tea	2104,3	2824,5	2896,5	3342,9	2897,6
cacao	60,2	42,1	136,6	225,9	184,8
seasonings	768,1	1179,2	1568,8	1611,0	1758,3
fish products	6333,8	7268,3	9340,7	9284,7	9591,9

Table 12.3 continued

	2006	2007	2008	2009	2010
rice	453,1	437,5	652,2	671,0	740,5
flour	1503,3	1848,6	1878,8	1758,1	1631,7
grits	606,9	610,8	716,8	689,2	767,3
macaroni	688,4	837,9	999,7	797,9	759,3
salt and native sodium chloride	267,2	323,7	366,5	411,2	591,9
fruit and vegetable juices	1472,5	2333,8	1849,4	1781,6	1673,6
frozen vegetables (excluding potatoes) and mushrooms	140,6	266,2	255,9	203,9	431,2
canned vegetables	1212,6	1890,4	2272,5	2056,0	1875,8
Manufactured goods	**563939,6**	**732398,7**	**895292,4**	**692669,0**	**854621,3**
including					
cars	17275,8	28570,1	46375,1	12252,8	18872,8
trucks	3991,7	5479,8	5247,7	1712,4	2015,1
car equipment	4276,9	5877,6	6869,9	7042,5	7916,9
motorcycles and motor scooters	58,9	275,5	243,8	101,5	77,0
grain crops	14042,7	16954,9	32785,6	36315,3	29619,6
sunflower seeds	5784,2	8520,4	8364,5	10992,7	17372,4
fabrics	1023,2	1289,0	1128,7	888,6	983,7
textiles	2198,3	2541,5	3604,8	3400,7	2592,3
refrigerators and fridges	2389,8	3137,0	3543,9	2179,0	2117,1
washing machines	1287,9	1562,1	1928,6	893,4	554,6
drying machines	8,4	7,1	8,4	5,4	6,1
sewing machines	34,5	23,9	19,9	16,1	54,4
vacuum cleaners	358,6	417,5	645,9	226,1	142,8
TV sets	1076,8	1665,6	2724,7	918,1	645,7
portable radio sets and fixed receivers	56,3	91,8	84,9	135,2	36,3
audio recorders and other sound-recording equipment	170,2	321,4	396,6	54,6	27,7
audio and video goods	816,9	1222,8	1395,9	503,0	273,0
pottery ware and decorative porcelain	929,0	1123,8	1354,8	1123,3	1335,0
hollow glass	480,9	551,1	568,9	384,2	244,8
perfumery and cosmetics	6305,7	7419,8	10425,0	17551,8	12355,3
stained paper and textile materials for tapestry	506,9	504,9	741,5	524,0	585,8
soap, detergents and skin-care products	3803,4	5661,3	6818,5	7451,1	7028,3
pharmaceuticals	13882,6	18726,8	24162,6	30783,6	31373,8
medical, surgical and orthopedic facilities	1078,5	2251,9	2744,4	2411,0	3174,9
black coal	20025,5	26025,2	43721,8	36928,5	57337,4
brown coal (lignite)	4,7	3,3	3,5	1,0	1,1
crude oil	3939,4	12563,3	17144,3	11612,4	13899,8

Table 12.3 continued

	2006	2007	2008	2009	2010
gas condensate	807,4	652,8	709,5	1135,7	407,3
natural gas	36053,4	51721,4	51814,6	43435,5	54773,9
automobile gasoline	41395,3	53753,4	69526,7	50429,8	47784,7
gas oil (diesel fuel)	44518,5	57021,5	76582,9	55055,0	61732,2
heavy fuel oil	2186,8	1841,9	3918,9	2593,5	1642,5
oils and lubricants	4474,9	4333,5	5063,6	4431,7	4610,4
pig, foundry and mirror iron	725,5	908,6	1446,1	681,6	1455,1
ferrous-based alloys	1635,4	1704,0	1955,1	1340,8	1177,3
stainless steel products	1474,3	1750,2	2332,6	1123,6	1655,4
finished rolled ferrous metal products	31450,1	46148,9	59531,3	34447,2	41859,4
steel wire	941,6	1189,9	1204,2	660,0	825,8
unprocessed non-ferrous metals	3128,6	4248,6	4605,7	3473,1	3504,6
semi-finished goods from non-ferrous metals	2246,1	2628,7	2486,7	1776,4	2693,4
nonferrous waste and scrap	4138,7	3266,6	2761,6	2174,2	2066,4
waste and scrap	13670,3	18057,1	21734,2	15221,3	24954,3
timber	613,4	710,5	756,4	602,0	753,7
wood sawed or split for more than 6 mm lengthwise	251,8	341,6	404,9	392,7	389,8
plywood panels	132,5	221,5	206,0	95,6	102,6
reconstituted particle boards	509,9	598,7	820,0	602,3	552,9
compressed wood	151,3	120,8	168,3	121,6	164,7
fabricated timberwork	17,6	7,1	10,6	10,1	6,3
polymer-based paints and varnishes	2166,0	2313,2	2519,3	2361,8	2881,4
glass	1571,8	1509,3	1759,1	1001,5	1530,8
glass bricks, bricks, tiles and other rolled glass products	216,1	261,2	348,3	121,8	91,4
tubes, pipelines, gutters, drain-pipes, chutes and ceramic pipe fitting	329,7	523,6	716,1	468,7	306,8
portland cement, alumina cement, cindery slag cement and similar water cement	2148,4	3505,9	4705,8	3394,3	3297,8
corrugated sheets, roof slates and similar products made of asbestos cement	440,4	532,4	633,7	613,1	643,1
asphalt products	270,2	548,2	468,7	412,6	277,6
tubes and pipes, hollow profiles of foundry iron	245,2	79,6	91,3	127,8	122,9
cast fittings for pipes from cast iron and foundry steel	328,6	214,3	226,5	128,8	165,6
pipes of large and small diameter; hollow profiles from ferrous metals	6116,6	8328,5	10411,4	9255,9	9909,7
ferrous central heating radiators without electric preheating	168,2	195,1	230,9	192,5	200,4
central heating boilers	435,1	471,5	664,5	503,5	443,3
steam or steam generating boilers	100,6	169,6	237,2	163,7	64,4
wire products	383,3	513,7	454,2	393,0	1006,7

Table 12.3 continued

	2006	2007	2008	2009	2010
pipes and tubes, rubber hoses and tubes excluding hard rubber	36,5	66,9	101,6	69,7	107,8
pipes, tubes, hoses and fittings: hard from ethylene polymers, propylene, vinyl chloride and other	256,0	408,0	626,8	592,1	683,1
hard pipes, tubes and hoses from other plastics	141,6	233,5	364,9	256,6	376,6
precipitated sublime sulphur; colloid sulphur (excluding unprocessed sulphur)	1,7	9,6	3,9	2,4	0,8
sulphuric acid	68,9	96,4	250,2	169,2	224,0
caustic soda	338,3	394,6	588,7	334,6	262,6
soda ash	175,9	264,4	382,1	306,5	215,5
refined sulphur	9,9	16,2	11,8	9,2	7,5
polyethylene in initial forms	1909,5	2450,7	2454,7	2190,8	2248,8
polystyrene in initial forms	398,3	404,5	597,9	467,7	632,7
polyvinylchloride in initial forms	364,6	364,9	539,8	373,0	736,2
polypropylene (polymeride propylene or other olefins in initial forms)	928,8	1143,6	891,8	1204,2	1539,9
polyvinyl acetate	2,0	7,5	12,3	14,3	23,2
polyacryles (polyacrylates in initial forms)	8,5	10,1	19,2	12,7	21,0
synthetic rubber	377,9	521,7	229,4	66,3	176,2
tyres for car	1100,5	1216,7	1494,1	1089,3	1539,2
pneumatic tyres for trucks and buses	1105,5	1494,2	1320,6	913,4	1361,9
tyres for agricultural, forestry and similar machinery	231,7	262,6	223,0	274,1	802,9
mineral and chemical fertilisers	3421,2	5980,5	10014,0	8039,8	7760,0
pesticides and other agrochemical products	2168,6	3055,7	4232,5	5066,9	6120,9
covered winding wire	128,4	152,6	134,7	87,1	139,3
wires and cables	7224,5	4043,9	4255,1	2388,2	2219,6
ashes and slag residuals	25,8	44,8	22,9	16,3	21,1
paper wastage	144,5	190,6	357,7	199,8	476,2
paper	2832,4	4630,1	2548,9	2816,1	2929,4
metal-working machines	263,0	331,0	320,1	208,8	212,9
printing and computing machines, their spare parts	520,7	408,7	355,5	178,8	99,3
copying equipment and other office equipment	4062,5	3764,6	4564,7	2247,0	2379,2
datamation equipment	7346,3	7437,1	8724,0	5576,7	7066,6
software	708,2	593,9	706,2	706,3	1187,1
products for sports	724,2	1152,0	1185,0	848,7	813,1
jewellery	183,9	224,8	309,1	122,3	133,5
printed output	470,8	556,7	704,2	853,7	958,2
school and office goods from paper or cardboard	811,3	1267,7	1339,1	1506,4	1572,0
furniture	1649,7	1633,2	2931,6	1774,4	1826,8

12.4. Turnover conducted via exchanges

(mln. UAH)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total[1]	**532,9**	**2162,0**	**12391,7**	**13278,9**	**17024,8**	**23313,3**	**26060,0**	**56122,4**	**50995,9**	**51440,6**
Metal and metal products	0,5	4,9	6,9	135,8	116,4	5,6	8,7	7,1	4,6	13,5
Non-ferrous metals	0,1	0,3	31,5	0,1	0,0	5,0	0,0	3,9	5,4	4,2
Building materials	0,1	3,6	0,4	…	…	…	…	67,9	160,3	205,7
Motor vehicles	39,8	193,4	479,7	359,4	319,9	392,9	452,8	398,8	376,0	184,5
Wood and timber	0,3	0,7	0,4	3,0	35,7	27,7	701,8	782,7	65,7	344,0
Fuel	2,8	290,6	2655,0	2301,2	2517,9	8479,2	9343,4	12386,6	7218,8	2630,4
of which										
coal	1,7	1,5	37,8	9,1	0,0	24,0	0,4	1762,5	136,1	1376,2
gasoline for vehicles	0,5	0,5	4,9	52,8	395,1	0,6	7,2	0,4	—	33,5
crude oil	…	2,7	2221,2	1954,1	1329,1	7183,5	7884,8	8553,4	5291,6	0,0
gas condensate	…	139,0	112,7	63,0	76,1	464,1	460,1	642,0	443,8	—
propane and butane liquefied	…	94,7	261,1	215,4	310,2	806,4	990,7	1280,0	1088,4	1208,3
Manufactured goods	0,7	2,6	31,7	40,4	6,5	1,3	5,5	12,4	34,6	9,7
Agricultural products	220,8	989,7	8477,5	9098,4	10568,2	11905,2	9596,8	40019,5	39866,8	43787,4
Food products	5,1	62,8	191,9	376,3	416,1	754,3	1228,5	751,1	1158,7	2272,3
Chemical products	0,0	124,9	2,5	0,7	0,9	9,0	0,3	0,2	117,2	107,4
Real estate	256,7	380,9	208,7	255,5	694,5	457,6	343,0	512,2	510,2	252,4
Land plots	0,1	0,3	10,3	4,0	9,4	8,1	1025,2	16,7	138,6	3,4
Other	5,9	107,3	295,2	704,1	2339,3	1267,4	3354,0	1163,3	1339,0	1625,7

[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
Total registered[1]	**88**	**359**	**402**	**432**	**464**	**439**	**448**	**461**	**482**	**484**	**510**	**537**
Universal	19	97	113	118	119	115	114	114	118	103	106	106
Commodity and raw materials	25	157	176	201	227	244	258	272	293	318	341	368
Agricultural	9	31	32	31	34	30	29	30	30	26	25	25
Other	21	74	81	82	84	50	47	45	41	37	38	38

[1] See the footnote to Table 12.4

12.6. 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

12.7. Volume indices of retail turnover of enterprises

(percent)

	1990=100												2010 over 2009
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Retail turnover	**36**	**32**	**36**	**42**	**50**	**61**	**76**	**95**	**124**	**145**	**115**	**126**	**110**
Food products	43	30	31	34	39	47	56	66	77	83	76	80	106
foodstuffs	37	22	22	23	26	31	36	43	50	55	50	55	110
alcoholic beverages	80	99	109	123	146	182	214	251	286	324	300	300	99,9
Manufactured goods	29	38	46	56	70	86	111	146	201	245	179	202	113
Restaurant turnover	35	26	28	31	32	34	36	41	46	46	37	41	108

12.8. Retail turnover of enterprises, by region

(mln. UAH)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**11964,0**	**28757,4**	**49993,5**	**67556,1**	**94332,4**	**129951,7**	**178232,6**	**246903,2**	**230955,3**	**280889,7**
Autonomous Republic of Crimea	472,0	946,0	1762,7	2434,3	3448,5	4784,0	6430,0	9064,3	8430,8	10170,7
oblasts										
Vinnytsya	371,8	794,1	1272,1	1668,7	2248,1	2959,2	3922,4	5358,0	4661,6	5672,7
Volyn	198,0	575,1	1005,4	1337,6	1834,0	2403,9	3134,1	4306,1	3889,5	4709,4
Dnipro-petrovsk	842,3	2379,9	4435,9	6074,4	8370,1	11476,5	15976,1	22353,1	20150,9	24762,8
Donetsk	1285,7	2624,1	4174,6	5660,5	7867,0	11429,9	15941,5	22229,2	19912,6	25446,3
Zhytomyr	343,5	682,2	1073,8	1361,5	1775,5	2430,2	3320,5	4344,3	4143,1	5028,0
Zakarpattya	231,7	744,9	1458,1	2068,3	2666,9	2902,0	3666,7	5303,7	4915,4	5977,7
Zaporizhzhya	667,1	1376,0	2043,5	2866,6	3880,6	4981,5	6782,0	9301,3	8433,0	10733,7
Ivano-Frankivsk	278,0	588,0	861,2	1106,1	1563,4	2269,4	3133,2	4519,0	4248,5	4858,9
Kyiv	425,9	1011,5	1603,9	2191,5	3020,7	4731,3	6663,0	9858,6	10010,1	12221,6
Kirovohrad	201,4	504,2	852,2	1119,6	1466,5	2020,7	2801,3	3921,8	3635,3	4429,8
Luhansk	561,3	1021,1	1551,8	2106,1	2764,6	3766,7	5245,8	7796,9	7131,6	9142,9
Lviv	611,1	1820,4	3085,8	4009,8	5530,5	6882,9	9472,5	12827,2	12983,6	15023,7
Mykolayiv	298,8	570,3	961,3	1307,0	1759,6	2554,7	3861,5	5310,2	4818,5	5695,1
Odesa	469,8	1112,4	2535,3	3684,0	5165,3	7445,4	9996,1	14159,5	14842,9	18007,4
Poltava	419,8	1064,4	1505,3	1900,5	2520,9	3467,9	4678,3	6725,6	6053,9	7215,3
Rivne	241,1	473,9	990,2	1262,8	1644,3	2092,6	2747,3	3853,4	3793,1	4388,9
Sumy	344,7	776,9	1052,7	1330,7	1748,7	2155,6	2688,2	3673,5	3378,1	3926,4
Ternopil	168,5	385,5	723,9	962,1	1324,8	1729,8	2251,5	3309,2	3321,1	3821,9
Kharkiv	690,2	2031,3	3675,6	4830,3	6755,6	9164,5	12311,8	16852,0	15976,1	18798,5
Kherson	242,9	525,7	1042,2	1401,4	1826,6	2493,6	3326,2	4392,1	4421,2	5138,5
Khmelnytskiy	317,7	560,6	1031,7	1315,3	1803,1	2505,5	3368,3	5003,3	4409,9	5227,8
Cherkasy	340,9	656,7	1039,7	1392,9	1751,9	2335,6	3173,4	4558,4	4440,1	5570,6
Chernivtsi	213,4	478,6	872,5	1103,3	1435,5	1806,6	2679,6	3663,9	3593,5	4121,6
Chernihiv	340,0	715,7	990,0	1264,7	1578,1	2121,0	2862,5	3902,6	3710,6	4385,0
cities										
Kyiv	1204,7	4106,1	7961,9	11184,1	17695,6	25826,0	35989,8	47809,4	43191,5	53318,2
Sevastopol	104,8	220,8	420,5	598,7	886,0	1214,7	1809,0	2506,6	2458,8	3096,3

12.9. Per capita retail turnover of enterprises, volume indices

(percent)

	1990=100												2010 over 2009
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
All commodities	**36**	**34**	**39**	**45**	**55**	**67**	**83**	**106**	**138**	**163**	**129**	**143**	**111**
Food products	43	31	33	37	43	52	61	73	86	93	85	91	106
Manufactured goods	29	40	49	60	76	95	122	162	224	276	202	229	113

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

(UAH)

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

12.11. 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
All commodities	**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
Manufactured goods	56	37	48	50	52	54	56	58	62	65	66	60	61

12.12. Per capita retail turnover of enterprises, by region

(UAH)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010		
										total	including	
											food products	manufac-tured goods
Ukraine	**232**	**585**	**1046**	**1424**	**2003**	**2777**	**3832**	**5338**	**5015**	**6123**	**2417**	**3706**
Autonomous Republic of Crimea	214	458	876	1217	1734	2416	3257	4603	4288	5177	2011	3166
oblasts												
Vinnytsya	198	441	729	966	1314	1747	2336	3216	2816	3447	1171	2276
Volyn	184	540	956	1278	1759	2313	3022	4155	3753	4542	1483	3059
Dnipropetrovsk	218	654	1261	1741	2418	3341	4684	6601	5989	7401	3088	4313
Donetsk	246	533	879	1205	1693	2484	3496	4918	4441	5718	2333	3385
Zhytomyr	231	482	786	1007	1327	1836	2532	3342	3212	3921	1590	2331
Zakarpattya	180	590	1164	1655	2139	2332	2949	4267	3951	4797	1588	3209
Zaporizhzhya	320	702	1075	1521	2076	2687	3686	5091	4642	5942	2423	3519
Ivano-Frankivsk	190	413	615	793	1124	1636	2264	3270	3077	3520	1194	2326
Kyiv	223	546	890	1227	1705	2692	3820	5690	5804	7107	2518	4589
Kirovohrad	164	436	769	1025	1364	1906	2677	3795	3556	4369	1989	2380
Luhansk	200	391	623	857	1140	1572	2215	3327	3072	3973	1606	2367
Lviv	221	683	1185	1546	2141	2675	3694	5018	5089	5898	2570	3328
Mykolayiv	222	443	772	1058	1437	2101	3197	4426	4040	4800	1705	3095
Odesa	181	445	1039	1520	2144	3104	4174	5916	6206	7535	2871	4664
Poltava	241	640	941	1202	1612	2241	3052	4430	4021	4830	1772	3058
Rivne	202	401	849	1086	1419	1811	2382	3346	3295	3810	1537	2273
Sumy	245	585	828	1062	1416	1768	2233	3086	2867	3365	1550	1815
Ternopil	143	334	640	857	1187	1560	2043	3019	3044	3518	1480	2038
Kharkiv	222	688	1277	1690	2380	3249	4391	6042	5756	6806	3049	3757
Kherson	192	439	902	1225	1613	2223	2990	3981	4033	4711	1546	3165
Khmelnytskiy	210	386	733	943	1306	1832	2484	3718	3297	3930	1320	2610
Cherkasy	226	460	754	1021	1298	1750	2401	3480	3416	4317	1593	2724
Chernivtsi	226	515	952	1208	1578	1991	2960	4052	3974	4558	1563	2995
Chernihiv	250	563	814	1056	1340	1828	2502	3458	3326	3972	1949	2023
cities												
Kyiv	456	1571	3027	4216	6603	9545	13187	17367	15563	19095	7397	11698
Sevastopol	256	573	1111	1582	2339	3203	4769	6600	6466	8135	3326	4809

12.13. Retail turnover of enterprises, volume indices for goods

(percent)

	2000=100								2010 over 2009
	2003	2004	2005	2006	2007	2008	2009	2010	
All commodities	**160,7**	**197,2**	**245,1**	**311,5**	**405,3**	**478,3**	**377,9**	**416,4**	**110,2**
Food products	**134,8**	**165,0**	**196,4**	**233,7**	**273,4**	**299,4**	**274,3**	**290,2**	**105,8**
meat and meat products	115,4	135,0	164,6	209,7	254,2	268,2	238,2	264,6	111,1
butter	104,3	128,0	141,6	164,0	167,9	183,0	176,6	183,5	103,9
oil vegetable	158,6	250,0	311,0	387,5	441,8	508,1	552,3	604,8	109,5
other fats	151,0	185,4	210,6	149,9	131,9	106,6	94,9	71,5	75,3
milk and dairy products	139,7	168,8	194,3	229,7	257,7	263,4	239,7	247,1	103,1
rennet, melted and lactic cheese	191,9	265,8	324,0	413,4	504,3	577,9	555,4	557,1	100,3
eggs	150,7	138,8	148,5	190,8	210,1	255,5	244,8	281,5	115,0
sugar	101,7	122,1	127,4	126,5	172,0	187,7	188,3	153,3	81,4
confectionery	123,8	148,9	177,8	216,9	244,9	275,8	239,7	250,0	104,3
tea	174,8	239,7	308,7	421,7	528,8	619,2	530,0	581,9	109,8
flour, bread and bakery products	73,8	71,9	75,1	73,6	71,8	72,7	67,9	70,0	103,1
potatoes	227,5	478,2	604,0	512,8	765,6	849,8	1012,1	1011,1	99,9
vegetables	93,2	136,2	161,5	195,3	260,7	295,4	534,4	770,6	144,2
fruit, berries, grapes, nuts (including watermelons and melons)	168,3	267,8	351,9	441,3	512,8	540,0	542,2	859,9	158,6
non-alcoholic beverages (including mineral waters)	164,5	185,4	243,6	342,0	462,7	503,4	431,4	443,0	102,7
alcoholic beverages	150,3	189,7	224,0	257,6	291,6	333,2	311,5	311,2	99,9
Manufactured goods	**185,8**	**228,5**	**292,5**	**386,4**	**530,9**	**648,8**	**473,6**	**534,7**	**112,9**
fabrics	67,1	58,5	60,7	74,8	114,7	125,9	128,3	131,5	102,5
textile clothes and underwear	104,3	135,1	198,5	267,8	337,2	517,6	540,4	787,9	145,8
knitted outerwear and underwear	136,9	148,5	201,1	252,4	389,2	621,6	652,7	757,8	116,1
hosiery	112,2	138,0	211,3	362,6	553,3	822,2	795,9	889,8	111,8
leather, textile, felt and combined footwear, including sports	144,8	189,4	261,4	395,0	735,1	1007,8	1078,3	1261,6	117,0
detergents for washing, cleaning and caring	227,9	291,7	361,4	457,5	553,1	635,0	547,4	578,6	105,7
watches and clocks	129,5	112,9	127,8	161,3	222,4	508,0	251,0	269,6	107,4
audio/video equipment	261,5	418,4	613,8	1315,4	1862,6	2112,2	1400,4	2027,8	144,8
furniture	119,6	177,8	206,4	236,5	275,8	360,5	312,9	350,8	112,1
houseware and tableware	111,2	120,3	157,2	184,2	236,5	339,4	305,5	344,9	112,9
jewellery	144,5	181,3	205,2	243,8	268,9	302,2	207,0	220,9	106,7

12.14. Commodity structure of retail turnover of enterprises

	2000	2005	2008	2009	2010	2000	2005	2008	2009	2010
	mln. UAH					percent				
All commodities[1]	**28757,4**	**94332,4**	**246903,2**	**230955,3**	**280889,7**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Food products in retail network	**12861,0**	**34939,2**	**76672,2**	**84307,9**	**101375,5**	**44,7**	**37,1**	**31,1**	**36,5**	**36,1**
meat and meat products	1499,0	5175,3	11973,3	12112,9	13844,8	5,2	5,5	4,9	5,3	4,9
fresh and frozen meat and poultry	460,2	2317,3	5203,8	5576,0	6382,8	1,6	2,5	2,1	2,4	2,3
smoked and salted meat and sausage goods	989,3	2684,0	5838,4	5717,0	6560,2	3,4	2,8	2,4	2,5	2,3
canned meat, ready-to-eat meat products	49,5	174,0	931,1	819,9	901,8	0,2	0,2	0,4	0,4	0,3
fish and fish products	406,8	1555,3	3747,2	3728,1	4515,3	1,4	1,6	1,5	1,6	1,6
fish and sea foods	297,1	1171,0	2678,0	2639,4	3242,0	1,0	1,2	1,1	1,1	1,2
canned fish and ready-to-eat fish products	109,7	384,3	1069,2	1088,7	1273,3	0,4	0,4	0,4	0,5	0,4
canned vegetables, and fruit and berries	125,4	742,1	1319,2	1380,2	1469,9	0,5	0,8	0,5	0,6	0,5
fats	472,3	1309,7	2513,4	2671,1	3229,5	1,6	1,4	1,0	1,2	1,1
butter	212,0	409,5	874,2	1052,2	1396,9	0,7	0,4	0,3	0,5	0,5
vegetable oil	92,2	416,1	1204,9	1187,4	1452,5	0,3	0,5	0,5	0,5	0,5
other fats (other animal fats, margarine)	168,1	484,1	434,3	431,5	380,1	0,6	0,5	0,2	0,2	0,1
milk and dairy products	564,2	1809,0	3921,0	4055,1	5349,3	2,0	1,9	1,6	1,8	1,9
rennet cheese, processed and lactic cheese	168,3	847,7	2400,6	2526,5	3192,4	0,6	0,9	1,0	1,1	1,1
eggs	204,7	441,5	1138,1	1117,8	1308,7	0,7	0,5	0,5	0,5	0,5
sugar	215,9	432,2	691,1	967,7	1221,8	0,8	0,5	0,3	0,4	0,4
confectionery	1139,4	2752,0	6253,4	6635,1	8321,7	4,0	2,9	2,5	2,9	3,0
tea	91,0	338,2	880,9	1107,3	1285,0	0,3	0,4	0,4	0,5	0,5
coffee	111,5	628,5	1458,5	1645,9	2021,8	0,4	0,7	0,6	0,7	0,7
salt	26,6	37,4	66,4	76,9	74,6	0,1	0,0	0,0	0,0	0,0
bread and bakery products	1830,7	1699,2	2636,1	2631,5	2960,2	6,4	1,8	1,1	1,1	1,1
flour, cereals and macaroni	471,2	853,9	2232,4	2523,9	2896,3	1,6	0,9	0,9	1,0	1,0
flour	175,6	205,0	383,1	521,6	535,0	0,6	0,2	0,2	0,2	0,2
cereals and legumes	157,8	372,1	965,5	1021,7	1326,6	0,5	0,4	0,4	0,4	0,5
macaroni	137,8	276,8	883,8	980,6	1034,7	0,5	0,3	0,3	0,4	0,4
potatoes	31,1	190,0	437,3	457,3	536,5	0,1	0,2	0,2	0,2	0,2
vegetables	123,7	500,8	1507,9	1590,1	2196,0	0,4	0,5	0,6	0,7	0,8
fruit, berries, grapes, nuts (including water-melons and melons)	123,0	684,6	2257,0	2609,5	3567,6	0,4	0,7	0,9	1,1	1,3
other food products	5256,2	14941,8	31238,4	36471,0	43384,1	18,2	15,9	12,6	15,8	15,5
Food products in restaurants network	**2069,7**	**4282,1**	**8379,6**	**8106,7**	**9508,7**	**7,2**	**4,5**	**3,3**	**3,5**	**3,4**
Manufactured goods	**13826,7**	**55111,1**	**161851,4**	**138540,7**	**170005,5**	**48,1**	**58,4**	**65,6**	**60,0**	**60,5**
fabrics	110,4	73,4	164,5	191,6	206,6	0,4	0,1	0,1	0,1	0,1
textile clothes and underwear, headdress and leather clothes, fur and fur items	426,2	968,6	2548,3	2904,3	4126,1	1,5	1,0	1,0	1,3	1,5
textile clothes and underwear	353,0	755,3	2080,6	2320,3	3494,0	1,2	0,8	0,8	1,0	1,2
leather clothes, fur and fur items	21,3	22,7	104,6	134,8	159,8	0,1	0,0	0,0	0,1	0,1

Table 12.14 continued

	2000	2005	2008	2009	2010	2000	2005	2008	2009	2010
	mln. UAH					percent				
textile for household use and interior	43,3	181,9	347,2	427,9	445,7	0,2	0,2	0,2	0,2	0,2
headdress	8,6	8,7	15,9	21,3	26,6	0,0	0,0	0,0	0,0	0,0
knitted outerwear and underwear, hosiery	160,0	355,9	1293,8	1492,5	1807,8	0,5	0,4	0,5	0,6	0,6
knitted outerwear and underwear	119,4	260,3	868,0	1006,6	1226,6	0,4	0,3	0,3	0,4	0,4
hosiery	40,6	95,6	425,8	485,9	581,2	0,1	0,1	0,2	0,2	0,2
footwear	222,8	614,6	2490,7	2853,3	3478,7	0,8	0,6	1,0	1,2	1,2
leather textile combined including sporting	216,7	598,8	2417,7	2756,6	3346,8	0,8	0,6	1,0	1,2	1,2
rubber and polymer	6,1	15,8	73,0	96,7	131,9	0,0	0,0	0,0	0,0	0,0
detergents for washing, cleaning and caring	324,0	1305,9	3129,8	3680,3	4156,5	1,1	1,4	1,3	1,6	1,5
perfumery and cosmetics	367,1	1598,3	4662,8	5665,8	6211,4	1,3	1,7	1,9	2,5	2,2
haberdashery and threads	108,7	147,1	312,7	321,4	461,1	0,4	0,2	0,1	0,1	0,2
matches	12,8	20,6	30,3	36,8	42,3	0,0	0,0	0,0	0,0	0,0
household, cultural and general use goods	2778,8	10883,1	26123,6	22607,3	29433,1	9,7	11,5	10,6	9,7	10,5
including										
watches and clocks	35,9	48,9	206,7	112,6	126,5	0,1	0,1	0,1	0,0	0,0
audio/video equipment	371,7	2288,8	7305,1	5469,0	7663,9	1,3	2,4	3,0	2,4	2,7
sporting goods including bicycles	55,3	114,2	334,5	377,5	411,6	0,2	0,1	0,1	0,2	0,2
games and toys	41,1	135,4	490,9	534,3	673,5	0,1	0,1	0,2	0,2	0,2
photo equipment	55,0	196,2	293,3	119,4	98,3	0,2	0,2	0,1	0,1	0,0
paper products and office supplies	91,0	223,9	392,4	455,1	485,6	0,3	0,2	0,2	0,2	0,2
stationery	126,3	210,8	355,2	328,1	378,7	0,4	0,2	0,1	0,1	0,1
computer and computing machines	114,3	805,3	2549,7	1903,4	3020,8	0,4	0,9	1,0	0,8	1,1
printed and electronic books, newspapers, magazines	546,7	1180,0	2228,1	2421,6	2824,7	1,9	1,3	0,9	1,0	1,0
electric appliances	499,1	3026,3	6904,8	5985,9	8166,3	1,7	3,2	2,8	2,6	2,9
motorcycles, scooters and motor bikes	5,3	28,4	45,0	27,6	72,0	0,0	0,0	0,0	0,0	0,0
furniture	306,9	699,8	1401,4	1375,7	1580,4	1,1	0,8	0,6	0,6	0,6
carpets and surfacing for floor and walls	47,4	85,4	1247,5	1428,5	1519,7	0,2	0,1	0,5	0,6	0,5
houseware and tableware	267,5	464,6	1145,7	1178,0	1417,8	1,0	0,5	0,5	0,5	0,5
other manufactured goods	9315,9	39143,6	121094,9	98787,4	120081,9	32,4	41,5	49,1	42,9	42,7
including										
window glass, timber, lumber, cement, bricks and other	739,5	3229,1	9583,6	9528,5	10424,3	2,6	3,4	3,9	4,1	3,7
gasoline	3294,6	12196,9	27876,9	30528,4	35971,5	11,5	12,9	11,3	13,2	12,8
pharmaceuticals	2052,7	6200,8	12598,1	16381,9	18731,4	7,1	6,6	5,1	7,1	6,7

[1] Including restaurant business

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

(percent)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
All commodities	**75,3**	**74,0**	**74,4**	**70,5**	**67,3**	**64,5**	**63,1**	**67,4**	**64,3**
Food products	**93,2**	**92,5**	**92,0**	**90,9**	**89,3**	**88,2**	**88,2**	**88,4**	**88,2**
meat and meat products	95,7	96,4	96,6	96,3	95,7	94,8	96,2	95,9	96,8
fresh and frozen meat and poultry	90,6	97,5	97,6	96,9	96,1	94,7	96,5	95,6	97,1
smoked and salted meat and sausage goods	98,3	97,3	97,2	96,9	96,8	95,5	96,3	96,5	97,0
canned meat, ready-to-eat meat products	91,4	75,7	78,6	78,6	78,5	90,7	93,4	93,2	92,4
fish and fish products	77,4	81,4	82,0	80,2	76,0	73,4	74,2	73,1	71,3
fish and sea foods	77,3	82,1	82,7	80,6	76,5	72,8	73,0	72,5	70,4
canned fish and ready-to-eat fish products	77,8	79,2	80,3	79,1	74,5	75,0	77,3	74,6	73,8
canned vegetables, and fruit and berries	86,5	81,7	81,6	81,6	76,1	78,2	78,1	77,9	77,4
fats	97,4	96,6	96,3	95,8	94,2	93,8	94,1	94,5	95,5
butter	98,8	98,1	97,6	97,5	95,8	95,1	96,0	96,9	97,7
vegetable oil	95,3	94,2	95,0	94,3	92,9	92,9	92,9	92,6	93,3
other fats (other animal fats, margarine)	96,9	96,9	96,3	95,7	93,5	93,1	93,5	93,9	95,5
milk and dairy products	97,9	95,8	95,2	94,5	93,6	93,2	92,9	92,5	94,5
rennet cheese, processed and lactic cheese	94,1	91,9	91,0	90,9	91,2	89,1	88,9	89,1	88,2
eggs	99,9	99,6	99,5	98,9	98,9	98,9	99,1	98,8	99,4
sugar	99,2	99,4	99,3	99,0	98,4	95,4	97,2	96,8	98,8
confectionery	95,2	93,5	92,0	90,0	90,1	90,0	90,1	89,5	90,2
tea	49,6	61,0	63,6	64,3	66,1	62,3	63,7	65,9	67,2
coffee	53,3	56,3	57,9	58,1	53,7	50,9	55,2	51,9	49,3
salt	98,9	97,3	97,5	95,2	94,6	97,0	95,1	93,0	97,8
bread and bakery products	99,9	99,7	99,3	98,4	98,1	98,8	98,6	98,4	99,1
flour, cereals and macaroni	97,8	94,9	93,3	92,9	90,9	89,7	89,0	88,6	89,4
flour	99,5	98,4	98,0	98,3	97,8	98,0	97,0	95,4	97,6
cereals and legumes	97,6	93,5	92,3	93,0	90,4	91,0	91,6	91,6	93,5
macaroni	96,1	92,8	90,0	88,8	88,3	84,9	82,7	81,7	79,8
potatoes	98,1	91,0	90,1	90,9	92,8	90,4	92,6	91,5	94,6
vegetables	97,1	94,8	93,2	90,5	90,6	87,5	88,7	87,0	90,6
fruit, berries, grapes, nuts (including watermelons and melons)	53,6	67,5	68,2	66,6	61,8	64,7	62,1	59,0	60,8
tobacco products	87,7	93,4	93,4	93,5	92,9	91,3	90,1	93,0	93,1
other food products	92,6	92,4	92,1	90,8	89,0	88,2	87,8	88,7	87,3
Manufactured goods	**58,7**	**60,5**	**62,2**	**57,6**	**55,2**	**52,9**	**51,2**	**54,7**	**50,0**
fabrics	46,2	55,6	54,2	64,8	58,0	57,8	66,9	70,3	72,1

Table 12.15 continued

	2000	2003	2004	2005	2006	2007	2008	2009	2010
textile clothes and underwear, headdress and leather clothes	47,7	42,4	34,5	27,6	23,8	22,9	22,0	21,0	14,7
textile clothes and underwear	42,4	37,5	29,4	23,5	19,8	18,7	16,6	15,4	10,7
leather clothes, fur and fur items	88,2	84,1	83,5	81,2	61,8	41,6	24,5	28,5	12,0
textile for household use and interior	62,2	45,7	39,1	36,0	31,3	37,4	53,6	47,7	45,2
headdress	91,3	89,5	88,0	71,7	54,7	42,0	32,5	43,5	35,5
knitted outerwear and underwear, hosiery	43,1	30,7	28,5	28,1	26,1	21,1	20,2	22,5	19,4
knitted outerwear and underwear	31,1	21,7	17,7	16,9	16,0	12,0	9,8	12,6	10,4
hosiery	78,4	62,6	62,2	58,6	45,8	38,8	41,4	43,0	38,3
footwear	40,9	20,5	12,4	9,3	6,9	4,4	4,6	6,4	4,2
leather textile combined including sporting	39,9	19,9	11,8	8,8	6,5	4,2	4,5	6,4	4,0
rubber and polymer	79,4	52,0	44,8	26,6	18,3	11,2	9,0	6,7	9,1
detergents for washing, cleaning and caring	65,4	59,8	61,5	54,6	48,5	46,9	50,2	48,0	43,4
toiletries	36,2	40,2	38,4	30,5	28,9	25,5	28,0	27,7	25,8
haberdashery and threads	52,6	49,6	46,8	46,6	38,5	29,0	31,2	30,5	23,3
matches	32,5	72,9	76,9	78,3	77,8	76,7	68,0	69,4	67,0
household, cultural and general use goods	44,0	37,0	32,8	27,5	24,8	22,7	24,3	29,9	25,8
including									
watches and clocks	11,8	9,0	5,7	6,2	7,6	5,6	2,6	3,9	3,6
audio/video equipment	7,7	6,3	4,5	3,6	3,5	3,3	2,7	3,0	4,8
sporting goods including bicycles	36,7	42,0	47,6	43,3	38,6	31,5	31,2	28,1	24,9
games and toys	33,0	33,5	37,2	40,0	35,1	30,2	39,8	37,7	33,7
photo equipment	5,5	4,8	4,8	3,7	2,9	1,3	1,3	3,3	5,5
paper products and office supplies	69,7	69,2	74,4	72,2	72,5	70,4	72,2	72,8	74,9
stationery	49,9	48,7	50,6	48,2	49,0	50,6	51,8	50,4	48,2
computer and computing machines	9,5	29,6	26,1	22,5	18,8	16,7	11,4	11,7	6,1
printed and electronic books, newspapers, magazines	85,0	89,3	91,0	87,1	81,1	81,6	83,5	85,6	87,0
electric appliances	20,9	12,9	10,0	8,1	8,8	8,9	10,5	14,8	11,4
motorcycles, scooters and motor bikes	48,2	62,0	52,7	40,0	13,9	12,3	4,6	3,0	0,6
furniture	61,7	74,6	74,1	73,8	71,9	69,1	63,6	62,1	56,7
carpets and surfacing for floor and walls	15,2	19,8	14,5	9,9	28,7	44,6	44,4	51,7	47,5
houseware and tableware	40,2	41,4	41,2	42,6	36,8	33,7	33,4	35,9	32,8
other manufactured goods	65,1	69,1	73,0	68,9	66,2	63,6	59,9	65,1	60,5
including									
window glass, timber, lumber, cement, bricks and other	59,0	64,6	65,3	65,1	64,8	68,3	68,6	70,9	64,4
gasoline	74,9	92,6	96,8	96,5	98,6	97,3	92,0	88,0	83,4
pharmaceuticals	57,6	58,4	56,5	56,5	54,9	53,9	53,3	52,4	52,1

12.16. Food products sold through retail trade of enterprises[1]

(thsd.t)

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

[1] Before 2005, including food products sold through restaurants

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

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

12.18. Per capita sales of alcoholic beverages, by region

(on absolute alcohol base; L)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**4,1**	**1,6**	**1,4**	**1,8**	**2,2**	**2,5**	**2,7**	**2,9**	**3,2**	**2,9**	**2,8**
Autonomous Republic of Crimea	5,2[1]	1,3	1,2	1,9	2,4	2,5	2,6	2,8	3,2	2,8	2,6
oblasts											
Vinnytsya	2,3	1,1	1,1	1,7	2,0	2,2	2,5	2,7	2,8	1,8	1,6
Volyn	3,4	1,8	1,5	2,6	2,6	3,2	3,6	3,6	3,4	3,5	3,1
Dnipropetrovsk	4,1	1,4	1,3	1,8	2,3	2,4	2,6	2,8	3,2	3,1	3,2
Donetsk	4,9	1,4	1,1	1,4	1,3	1,5	1,9	2,0	2,3	2,0	2,1
Zhytomyr	2,8	2,6	1,5	2,1	2,2	2,7	3,0	3,3	3,4	3,0	2,7
Zakarpattya	5,8	1,9	1,9	2,1	2,5	3,1	3,4	2,8	2,8	2,5	2,2
Zaporizhzhya	4,5	2,2	1,6	1,9	2,2	2,0	2,4	2,9	3,3	2,9	2,6
Ivano-Frankivsk	4,0	2,3	1,0	1,1	1,3	1,9	2,0	2,3	2,4	2,3	2,1
Kyiv	2,3	1,1	0,8	0,9	1,1	1,4	2,4	3,6	3,1	3,3	3,0
Kirovohrad	3,1	1,1	0,9	1,1	1,5	1,7	2,2	2,3	2,7	2,6	2,6
Luhansk	4,6	1,1	0,7	0,8	1,0	1,1	1,2	1,4	1,6	1,5	1,5
Lviv	4,9	2,1	1,6	2,3	2,8	3,4	3,7	3,9	4,6	4,4	4,2
Mykolayiv	3,3	1,9	1,0	1,1	1,2	1,4	1,4	1,7	2,1	1,6	1,6
Odesa	4,0	1,7	0,9	1,4	1,7	2,0	2,4	2,6	2,8	3,0	3,0
Poltava	3,9	2,2	1,7	1,8	2,1	2,4	2,5	2,2	2,4	2,3	2,0
Rivne	3,0	1,9	1,4	1,9	2,2	2,8	3,1	3,5	3,4	2,5	2,2
Sumy	3,9	1,4	1,3	1,5	2,2	2,9	2,9	2,8	2,7	3,0	3,0
Ternopil	3,5	1,4	1,2	1,5	1,8	2,0	2,4	2,5	2,6	2,4	2,0
Kharkiv	4,4	0,9	2,2	3,3	3,5	3,4	3,7	3,9	4,7	4,3	3,7
Kherson	4,7	1,1	0,7	1,3	1,2	1,4	1,5	1,5	1,6	1,6	1,4
Khmelnytskiy	2,3	1,4	0,7	1,1	1,2	1,4	1,8	2,0	2,2	2,2	2,0
Cherkasy	2,8	1,3	1,0	1,1	2,0	1,5	1,6	1,8	1,8	1,4	1,6
Chernivtsi	2,9	1,2	1,7	2,0	2,0	2,3	2,5	3,1	3,1	2,7	2,4
Chernihiv	4,3	3,3	1,7	1,9	2,1	2,6	2,9	3,4	3,6	3,2	3,2
cities											
Kyiv	5,6	2,5	2,7	4,2	5,5	6,5	6,0	6,3	6,9	5,9	5,9
Sevastopol	…	1,5	2,2	3,9	4,4	4,9	5,5	5,4	6,2	5,9	4,4

[1] Including Sevastopol city

12.19. Retail sales of durables

(thsd.pcs)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Refrigerators and freezers	887	176	78	160	246	354	473	653	628	326	536
Washing machines	1039	67	61	160	290	400	494	571	544	302	424
Vacuum cleaners	762	70	65	203	335	536	670	789	724	398	649
TV sets	1682	126	156	383	586	885	1074	1235	1157	589	927
Radio devices	1505	118	40	81	93	128	169	180	270	183	272
Photo cameras	407	23	70	110	133	187	253	378	470	277	493
Sewing machines	277	5	1	2	2	3	11	27	24	12	19
Motor cars	371	49	28	65	75	149[1]	250[1]	373[1]	463[1]	119[1]	133[1]
Mobile telephones	…	…	…	…	…	…	2981	3238	2842	1908	3132

[1] Including dealers' retail trade in cars produced by enterprises on the territory of Ukraine

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

(end of year)

	2000		2005		2008		2009		2010	
	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**	**1645**	**100,0**	**1506**	**100,0**	**1543**	**100,0**
including enterprises that sell mainly										
automobiles, motorcycles	82	5,9	169	13,2	496	30,2	435	28,9	465	30,1
automobile goods	495	35,4	297	23,3	272	16,5	247	16,4	239	15,5
fuel	819	58,7	810	63,5	877	53,3	824	54,7	839	54,4
Retail trade (excluding trade in transportation means)										
Total	**21974**	**100,0**	**14959**	**100,0**	**12832**	**100,0**	**11951**	**100,0**	**11675**	**100,0**
including enterprises that sell mainly										
food products										
in specialised shops	1558	7,1	839	5,6	965	7,5	944	7,9	948	8,1
in non-specialised shops	10636	48,4	7690	51,4	6341	49,4	5970	49,9	5783	49,5
manufactured goods										
in specialised shops	7039	32,0	4998	33,4	4629	36,1	4226	35,4	4131	35,4
in non-specialised shops	2312	10,5	1219	8,2	775	6,0	700	5,9	689	5,9
not through shops	429	2,0	213	1,4	122	1,0	111	0,9	124	1,1
Restaurant										
Total	**4849**	**100,0**	**4718**	**100,0**	**5028**	**100,0**	**4785**	**100,0**	**4744**	**100,0**
restaurants	468	9,7	526	11,1	698	13,9	708	14,8	792	16,7
cafes	2906	59,9	3022	64,1	3034	60,3	2868	59,9	2803	59,1
bars	766	15,8	682	14,5	814	16,2	754	15,8	715	15,1
canteens and supply of ready-to-eat meals	709	14,6	488	10,3	482	9,6	455	9,5	434	9,1
Other economic activities										
Total	**15839**	×	**16448**	×	**13098**	×	**12451**	×	**12087**	×

12.21. Local units of retail trade and restaurants of enterprises

(end of year; thsd.)

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

12.22. Consumer goods markets

(end of year; units)

1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010			
										total	including		
											food products	manufactured goods	mixed goods
1576	1282	2514	2891	2869	2886	2890	2834	2785	2761	2758	407	699	1652

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

(end of year; thsd.)

	Retail trade							Restaurants						
	1990	1995	2000	2005	2008	2009	2010	1990	1995	2000	2005	2008	2009	2010
Ukraine	**145,7**	**133,7**	**103,2**	**75,2**	**69,2**	**65,3**	**64,8**	**62,7**	**40,3**	**33,1**	**27,3**	**24,9**	**24,0**	**23,4**
Autonomous Republic of Crimea	6,4	4,8	4,6	3,6	3,4	3,2	3,1	2,4	1,3	1,4	1,7	1,7	1,5	1,4
oblasts														
Vinnytsya	6,4	5,8	4,2	3,3	2,8	2,7	2,6	2,2	1,6	1,0	1,4	1,3	1,2	1,2
Volyn	3,1	3,4	2,4	1,9	1,7	1,6	1,5	1,5	1,2	1,3	1,2	1,0	1,0	1,0
Dnipro-petrovsk	8,3	8,1	6,4	5,1	4,5	4,4	4,5	4,2	2,8	2,0	1,6	1,3	1,3	1,2
Donetsk	11,7	10,6	8,9	5,9	5,7	5,3	5,3	5,8	3,7	2,9	2,1	1,9	1,8	1,7
Zhytomyr	5,0	4,6	3,4	2,4	2,2	2,1	2,0	2,0	1,4	1,0	0,7	0,6	0,6	0,6
Zakarpattya	3,8	3,5	2,9	2,1	1,9	1,7	1,7	2,1	1,5	1,2	0,8	0,6	0,6	0,6
Zaporizhzhya	5,0	4,3	3,8	2,8	2,7	2,5	2,4	2,4	1,6	1,3	0,9	0,8	0,7	0,7
Ivano-Frankivsk	4,4	4,4	3,0	1,9	1,8	1,7	1,7	2,1	1,6	1,0	0,8	0,7	0,7	0,6
Kyiv	5,4	4,6	3,9	2,9	2,9	2,8	2,9	2,0	1,4	1,3	1,0	0,9	0,8	0,9
Kirovohrad	4,2	3,7	2,8	2,1	2,0	1,8	1,9	1,4	1,0	0,7	0,5	0,5	0,4	0,4
Luhansk	7,4	6,0	4,2	3,0	2,9	2,8	2,8	3,3	1,9	1,3	1,0	0,8	0,7	0,7
Lviv	7,5	8,1	7,3	5,2	4,5	4,3	4,1	3,8	3,2	2,5	2,2	2,0	1,8	1,7
Mykolayiv	4,3	3,9	2,9	2,0	1,7	1,6	1,5	1,5	1,2	1,0	0,8	0,6	0,5	0,5
Odesa	7,7	6,5	5,4	4,0	3,5	3,4	3,3	3,1	1,6	1,4	1,2	1,1	1,0	1,0
Poltava	6,3	5,8	4,2	3,0	2,8	2,5	2,4	2,3	1,5	1,3	0,9	0,8	0,8	0,7
Rivne	3,6	3,4	2,2	1,7	1,7	1,6	1,6	1,5	0,9	0,9	0,7	0,6	0,6	0,6
Sumy	5,1	3,9	3,2	1,8	1,7	1,5	1,5	1,7	0,9	0,7	1,0	0,9	0,9	0,9
Ternopil	3,9	4,3	2,3	1,5	1,3	1,3	1,2	1,6	0,9	0,9	0,6	0,9	0,9	0,9
Kharkiv	7,3	9,0	5,9	4,0	3,7	3,6	3,6	3,6	2,1	2,1	1,5	1,7	1,7	1,6
Kherson	4,0	3,6	2,6	1,9	1,7	1,5	1,5	1,5	1,0	0,8	0,5	0,4	0,4	0,4
Khmelnytskiy	5,4	5,1	3,7	2,5	2,0	1,9	1,9	1,7	1,1	1,1	0,7	0,5	1,0	0,9
Cherkasy	4,6	3,6	3,1	2,1	1,9	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	1,0	0,9	0,9	1,2	0,8	0,6	0,4	0,3	0,3	0,4
Chernihiv	5,1	4,7	3,8	2,5	2,3	2,1	2,0	1,5	0,9	0,9	0,8	0,7	0,7	0,6
cities														
Kyiv	3,6	3,0	3,6	3,9	4,1	3,8	4,2	2,8	1,1	1,3	1,4	1,5	1,3	1,4
Sevastopol	0,7	0,6	0,8	0,9	0,8	0,8	0,9	0,3	0,2	0,3	0,3	0,4	0,4	0,4

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	2008	2009	2010	1990	1995	2000	2005	2008	2009	2010
Ukraine	**11300**	**10950**	**7029**	**6359**	**8089**	**8015**	**8431**	**4467**	**2815**	**1916**	**1693**	**1636**	**1620**	**1595**
Autonomous Republic of Crimea	459	384	268	230	283	271	277	169	91	80	77	78	75	70
oblasts														
Vinnytsya	444	458	246	217	213	206	235	142	101	66	96	88	85	83
Volyn	240	227	147	136	145	141	168	87	80	69	71	66	67	66
Dnipro-petrovsk	742	775	543	543	709	720	730	356	228	136	114	105	100	93
Donetsk	1171	1187	756	556	796	811	801	450	299	208	151	148	136	132
Zhytomyr	357	336	238	185	202	192	182	123	92	62	51	48	47	47
Zakarpattya	282	284	182	131	172	171	185	132	81	51	38	28	27	27
Zaporizh-zhya	431	401	269	238	370	349	374	170	106	73	55	49	43	44
Ivano-Frankivsk	286	290	158	124	174	165	169	144	102	50	42	40	39	33
Kyiv	437	390	250	207	265	269	313	131	96	78	66	61	62	68
Kirovohrad	310	281	156	131	151	143	139	93	69	43	38	34	33	33
Luhansk	641	596	315	238	312	302	304	244	149	87	73	63	59	60
Lviv	527	518	406	356	434	404	427	259	208	128	118	111	104	98
Mykolayiv	304	312	171	151	240	210	209	102	74	53	38	31	30	29
Odesa	499	482	322	474	465	480	513	222	92	67	65	68	67	63
Poltava	429	394	241	177	266	254	263	151	94	59	55	44	42	41
Rivne	276	284	146	122	195	184	179	98	64	56	46	44	42	42
Sumy	361	293	218	139	147	140	145	119	70	37	65	63	61	53
Ternopil	264	289	137	91	129	123	122	90	53	39	30	50	53	53
Kharkiv	595	566	412	383	538	522	545	289	157	122	92	117	118	116
Kherson	280	289	158	148	172	198	186	99	55	35	25	24	22	22
Khmel-nytskiy	404	424	233	187	224	202	206	126	73	59	43	38	69	68
Cherkasy	383	342	225	151	208	185	185	128	73	49	32	29	28	27
Chernivtsi	180	171	103	78	105	104	111	83	49	37	30	24	29	32
Chernihiv	350	319	234	168	166	155	159	92	58	49	41	36	36	34
cities														
Kyiv	411	445	427	714	890	995	1166	269	125	108	127	137	134	148
Sevastopol	65	70	68	84	118	119	138	34	22	15	14	12	12	13

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]	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**46971,0[3]**	**56718,5[4]**	**74406,2[4]**	**95832,3[4]**	**120910,2[4]**	**157005,1[3]**	**215801,3[4]**	**224583,6[4]**	**257123,3[5]**
Autonomous Republic of Crimea	2341,0	2949,7	3639,6	4342,9	5322,4	6681,0	7446,6	7572,7	8697,6
oblasts									
Vinnytsya	800,4	817,6	979,0	1276,2	1629,0	1989,5	3722,7	3623,5	4000,1
Volyn	398,9	525,4	721,1	949,0	1219,7	1590,0	2018,1	1975,4	2108,3
Dnipropetrovsk	2972,6	3313,2	4072,4	5059,1	6669,9	8305,3	10281,6	11159,4	13782,1
Donetsk	3121,6	3789,9	5305,8	7256,4	9142,3	11807,4	13430,4	13481,0	15776,9
Zhytomyr	397,2	445,5	576,9	755,5	949,4	1188,2	2366,8	2297,7	2400,4
Zakarpattya	493,7	600,9	681,7	924,3	1319,7	1606,5	2060,5	2114,6	2277,2
Zaporizhzhya	1177,3	1426,0	1855,1	2265,3	2682,0	3449,7	3947,4	4034,7	4989,0
Ivano-Frankivsk	688,5	570,5	676,4	917,5	1164,7	1614,4	2188,4	2243,6	2339,8
Kyiv[6]	821,5	1881,9	1555,4	1992,1	2661,7	3993,4	7725,0	7408,1	7879,2
Kirovohrad	662,8	764,4	1006,6	1253,7	1662,7	2022,5	2606,4	2656,1	2877,2
Luhansk	1074,3	1130,1	1549,9	2039,8	2657,0	3429,2	3403,0	3281,1	3592,7
Lviv	2789,1	3546,0	3915,9	5280,3	6322,7	7432,5	9959,6	10085,3	11357,8
Mykolayiv	1051,8	1122,6	1396,4	1638,4	2187,4	2483,7	4150,9	5198,7	6067,3
Odesa	5320,7	6164,5	7523,6	9085,1	10822,7	13296,5	18520,3	21437,4	22220,5
Poltava	738,2	804,8	1028,3	1407,6	1815,3	2461,0	2826,6	2986,6	2988,2
Rivne	601,5	725,7	874,3	1091,7	1392,0	1697,1	2228,8	2293,8	2578,9
Sumy	458,9	550,4	754,6	957,3	1191,5	1562,5	1793,3	1824,1	1795,9
Ternopil	324,0	355,9	500,8	609,2	774,2	967,4	1330,3	1358,4	1420,3
Kharkiv	2168,5	2866,4	3689,1	4724,2	6016,0	7607,5	8918,2	9138,7	9919,6
Kherson	768,1	873,3	1163,5	1380,5	1624,3	2043,2	2418,8	2504,6	2569,2
Khmelnytskiy	457,8	529,0	668,7	739,0	896,7	1133,6	1666,3	1601,5	1755,4
Cherkasy	661,4	690,1	786,3	1038,3	1301,3	1666,6	2979,5	3038,2	3285,5

Table 13.1 continued

	Services sold[1]								
	2002[2]	2003	2004	2005	2006	2007	2008	2009	2010
Chernivtsi	391,7	409,3	481,3	641,7	778,5	1009,7	1204,4	1230,4	1270,4
Chernihiv	418,2	487,9	635,9	862,9	1108,7	1311,5	2182,2	2192,2	2363,1
cities									
Kyiv	9565,6	12630,0	19376,5	27562,6	35897,8	48079,3	74443,0	78312,0	91289,6
Sevastopol	376,5	442,3	588,2	742,7	877,3	1113,2	1278,4	1670,1	2051,1

[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] Volume of services by *International Airlines of Ukraine, Aerosvit, Ukraerorukh and Boryspil International Airport* is not included

In addition, in 2010 the services sold at market prices by budget-funded enterprises (institutions) services rendered by valued at 11663,9 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	2009	2010	2002	2009	2010	2002	2009	2010
Ukraine	**13589,6[2]**	**53920,3[3]**	**59660,0[4]**	**28,9**	**24,0**	**23,2**	**282**	**1171**	**1301**
Autonomous Republic of Crimea	932,5	3120,9	3594,0	39,8	41,2	41,3	456	1569	1808
oblasts									
Vinnytsya	200,7	793,8	853,1	25,1	21,9	21,3	114	480	518
Volyn	189,7	560,4	583,8	47,5	28,4	27,7	179	541	563
Dnipropetrovsk	955,6	2952,2	3388,8	32,1	26,5	24,6	269	877	1013
Donetsk	932,8	3144,2	3280,3	29,9	23,3	20,8	194	701	737
Zhytomyr	171,6	592,9	601,3	43,2	25,8	25,0	124	460	469
Zakarpattya	148,4	526,4	559,7	30,1	24,9	24,6	118	423	449
Zaporizhzhya	530,0	1459,1	1556,5	45,0	36,2	31,2	276	803	862
Ivano-Frankivsk	165,0	647,1	697,5	24,0	28,8	29,8	117	469	505
Kyiv[5]	226,9	1285,3	1399,2	27,6	17,3	17,8	125	745	814
Kirovohrad	156,2	487,1	505,7	23,6	18,3	17,6	139	476	499
Luhansk	326,1	1066,4	1128,7	30,4	32,5	31,4	129	459	490
Lviv	811,2	2536,8	2445,0	29,1	25,2	21,5	310	994	960
Mykolayiv	249,3	726,9	764,2	23,7	14,0	12,6	198	609	644
Odesa	892,5	2917,5	3024,9	16,8	13,6	13,6	363	1220	1266
Poltava	263,8	867,7	903,8	35,7	29,1	30,2	163	576	605
Rivne	179,9	534,8	584,5	29,9	23,3	22,7	154	464	507
Sumy	208,1	654,9	711,6	45,4	35,9	39,6	161	556	610
Ternopil	137,4	424,2	432,3	42,4	31,2	30,4	121	389	398
Kharkiv	1033,0	2850,8	3061,0	47,6	31,2	30,9	356	1027	1108
Kherson	188,6	612,3	631,8	24,6	24,4	24,6	162	559	579
Khmelnytskiy	219,7	557,1	585,8	48,0	34,8	33,4	154	416	440
Cherkasy	213,7	802,6	840,0	32,3	26,4	25,6	153	618	651
Chernivtsi	168,9	444,5	459,3	43,1	36,1	36,2	184	492	508
Chernihiv	149,6	540,0	565,4	35,8	24,6	23,9	121	484	512
cities									
Kyiv	2972,8	18971,3	21525,9	31,1	24,2	23,6	1136	6836	7709
Sevastopol	134,9	396,3	539,1	35,8	23,7	26,3	377	1110	1509

[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, Boryspil International Airport*, services on gas supply and educational services are included
[4] Undistributed by region services rendered by *International Airlines of Ukraine, Aerosvit, Ukraerorukh and Boryspil International Airport*, services on gas are included
[5] See the sixth footnote to Table 13.1

13.3. Services, by type of economic activity

(mln. UAH)

	Services sold[1]					Services sold to the population[1]				
	2002	2005	2008	2009	2010	2002	2005	2008	2009	2010
Total	**46971,0**	**95832,3**	**215801,3**	**224583,6**	**257123,3**	**13589,6**	**27376,9**	**51105,5**	**53920,3**	**59660,0**
of which										
Trade; repair of motor vehicles, household appliances and personal demand items	319,3	656,7	1861,6	1544,7	1614,3	134,0	221,6	665,6	520,8	523,3
maintenance and servicing of motor vehicles, motorcycles	242,0	531,0	1601,9	1246,3	1326,3	90,0	166,4	596,0	435,1	442,1
repair of household appliances and personal demand items	77,3	125,7	259,7	298,4	288,0	44,0	55,2	69,6	85,7	81,2
Hotels and restaurants	790,3	1633,3	3748,8	3407,5	4248,3	465,5	1024,8	2431,4	2241,2	2738,2
activity of hotels and supply of other places for staying	790,3	1633,3	3748,8	3407,5	4248,3	465,5	1024,8	2431,4	2241,2	2738,2
Transport and communications	34947,6	63979,3	128443,7	134011,8	149397,8	8621,2	17811,1	30527,7	32697,0	35790,2
transport	21883,0	34294,9	69830,8	74491,5	86012,2	3576,9	7207,2	13386,2	13551,3	16365,8
travel services	400,4	963,9	2601,3	2930,6	3179,9	191,0	474,1	1421,2	1590,0	1495,9
goods transport management	1028,9	2758,3	9063,7	8906,7	10634,2	37,8	20,3	50,7	43,1	37,3
post and communication services	11635,3	25962,2	46947,9	47683,0	49571,5	4815,5	10109,5	15669,6	17512,6	17891,2
Real estate transactions, renting, engineering and provision of services to businessmen	6530,3	20055,1	61477,8	65660,7	78678,8	1844,5	3164,6	6837,3	8272,0	9478,9

Table 13.3 continued

	Services sold[1]					Services sold to the population[1]				
	2002	2005	2008	2009	2010	2002	2005	2008	2009	2010
real estate transactions	2217,0	5152,8	16622,6	19668,1	24345,9	1329,6	2270,8	4804,4	5894,8	6693,6
renting of machinery and equipment	124,6	722,0	2281,6	1892,8	2128,1	5,2	11,3	28,3	28,7	27,7
hiring of household appliances and personal demand items	10,8	11,8	26,1	30,8	25,7	9,6	6,9	16,7	20,1	5,9
informatiza-tion activity	466,1	1183,3	4099,7	5334,6	6404,4	47,9	139,2	222,0	371,1	439,1
maintenance, repair of office, computer equipment and other activity in informatization	80,7	168,3	365,2	378,0	629,6	2,8	7,0	9,7	15,6	18,2
research and development[2]	—	1672,3	3441,0	3416,5	4630,1	—	32,3	72,5	74,7	72,5
legal, accounting and auditing activity, business and management consulting	652,5	1845,5	6428,3	7980,1	9044,0	93,6	66,4	174,8	232,8	305,1
engineering, geology and land-surveying	1110,5	3246,5	8550,0	8129,6	9463,7	168,8	423,4	1083,0	1010,6	1114,4
technical testing and research	163,8	379,0	811,6	839,3	1124,0	7,4	15,8	19,4	33,9	69,6
advertising	622,5	2857,7	7789,4	8301,5	10171,8	13,8	10,8	21,3	26,2	47,0
recruitment and staffing	50,7	124,6	358,4	504,5	871,5	12,9	21,5	33,8	37,6	37,6
making an investigation and safeguarding	507,1	1396,4	3649,5	4033,5	4382,6	11,6	33,8	98,6	121,2	142,3
cleaning of industrial and residential premises, equipment and means of transport	16,1	102,8	415,8	500,5	636,7	1,0	4,7	13,9	17,7	37,9

Table 13.3 continued

	Services sold[1]					Services sold to the population[1]				
	2002	2005	2008	2009	2010	2002	2005	2008	2009	2010
photography	40,2	39,8	22,4	22,7	22,8	32,8	33,3	15,7	14,6	12,8
packing	8,2	35,6	46,9	62,4	166,2	0,1	0,0	0,1	0,1	0,2
provision of secretarial and translation services	10,4	16,5	76,6	70,9	98,0	5,3	2,4	4,2	4,3	7,2
provision of other commercial services	449,1	1100,2	6492,7	4494,9	4533,7	102,1	85,0	218,9	368,0	447,8
Education	1156,2	1940,4	2923,4	3136,5	3373,1	1014,1	1736,6	2589,4	2822,1	2961,9
Health care and provision of social aid	1345,9	2511,0	5259,5	5988,9	6774,1	563,6	1175,1	2679,9	3216,4	3779,5
health care of human beings	1317,4	2485,7	5246,3	5967,3	6750,0	543,2	1161,2	2671,2	3205,1	3768,1
veterinary activity	28,0	24,5	12,5	19,5	21,2	20,1	13,1	8,0	10,4	9,7
provision of social aid	0,5	0,8	0,7	2,0	2,9	0,3	0,8	0,7	0,9	1,7
Provision of communal and individual services; cultural and sporting activity	1881,4	5056,5	12086,5	10833,5	13036,9	946,7	2243,1	5374,2	4150,8	4388,1
sanitary services, street cleaning and refuse disposal	477,6	891,5	2126,0	2538,3	3277,8	86,3	135,8	421,4	647,8	1013,3
cultural, sporting, recreational and entertainment activities	1003,1	3546,1	8949,5	7262,4	8588,1	589,4	1670,6	4269,8	2783,8	2576,6
provision of individual services	365,8	581,9	984,6	1006,8	1138,6	265,9	434,6	681,7	717,8	796,7

[1] See the first footnote to Table 13.1
[2] See the second footnote to Table 13.1

13.4. Structure of services, by type of economic activity

(percent)

	Services sold						Services sold to the population					
	2002	2005	2007	2008	2009	2010	2002	2005	2007	2008	2009	2010
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	0,9	0,9	0,7	0,6	1,0	0,8	1,2	1,3	1,0	0,9
maintenance and servicing of motor vehicles, motorcycles	0,5	0,6	0,8	0,8	0,6	0,5	0,7	0,6	1,0	1,2	0,8	0,8
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	0,2	0,1
Hotels and restaurants	1,7	1,7	1,9	1,7	1,5	1,7	3,4	3,7	4,6	4,8	4,2	4,6
activity of hotels and supply of other places for staying	1,7	1,7	1,9	1,7	1,5	1,7	3,4	3,7	4,6	4,8	4,2	4,6
Transport and communications	74,4	66,8	62,3	59,5	59,7	58,1	63,4	65,0	62,3	59,7	60,6	60,0
transport	46,6	35,8	32,5	32,4	33,2	33,5	26,3	26,3	22,2	26,2	25,1	27,4
travel services	0,8	1,0	1,0	1,2	1,3	1,2	1,4	1,7	2,1	2,8	3,0	2,5
goods transport management	2,2	2,9	3,2	4,2	4,0	4,1	0,3	0,1	0,1	0,1	0,1	0,1
post and communication services	24,8	27,1	25,6	21,7	21,2	19,3	35,4	36,9	37,9	30,6	32,4	30,0
Real estate transactions, renting, engineering and provision of services to businessmen	13,9	21,0	25,3	28,5	29,2	30,6	13,6	11,5	12,6	13,4	15,3	15,9
real estate transactions	4,7	5,4	6,9	7,7	8,8	9,5	9,8	8,3	9,3	9,4	10,9	11,2
renting of machinery and equipment	0,3	0,8	0,9	1,1	0,8	0,8	0,0	0,0	0,1	0,1	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	0,0	0,0	0,1	0,0
informatization activity	1,0	1,2	1,6	1,9	2,4	2,5	0,4	0,5	0,5	0,5	0,7	0,7
maintenance, repair of office, computer equipment and other activity in informatization	0,2	0,2	0,2	0,2	0,2	0,3	0,0	0,0	0,0	0,0	0,0	0,0
research and development[1]	—	1,8	1,5	1,6	1,5	1,8	—	0,1	0,1	0,2	0,1	0,1
legal, accounting and auditing activity, business and management consulting	1,4	1,9	2,7	3,0	3,6	3,5	0,7	0,3	0,3	0,4	0,4	0,5

Table 13.4 continued

	Services sold						Services sold to the population					
	2002	2005	2007	2008	2009	2010	2002	2005	2007	2008	2009	2010
engineering, geology and land-surveying	2,4	3,4	3,9	3,9	3,6	3,7	1,2	1,6	1,7	2,1	1,9	1,9
technical testing and research	0,3	0,4	0,4	0,4	0,4	0,4	0,1	0,1	0,0	0,0	0,1	0,1
advertising	1,3	3,0	2,9	3,6	3,7	4,0	0,1	0,0	0,0	0,0	0,0	0,1
recruitment and staffing	0,1	0,1	0,2	0,2	0,2	0,3	0,1	0,1	0,1	0,1	0,1	0,1
making an investigation and safeguarding	1,1	1,5	1,5	1,7	1,8	1,7	0,1	0,1	0,1	0,2	0,2	0,3
cleaning of industrial and residential premises, equipment and means of transport	0,0	0,1	0,1	0,2	0,2	0,2	0,0	0,0	0,0	0,0	0,0	0,1
photography	0,1	0,0	0,0	0,0	0,0	0,0	0,2	0,1	0,1	0,0	0,0	0,0
packing	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 secretarial and translation services	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 other commercial services	1,0	1,2	2,5	3,0	2,0	1,8	0,8	0,3	0,3	0,4	0,7	0,8
Education	2,4	2,0	1,5	1,4	1,4	1,3	7,5	6,4	4,9	5,1	5,2	5,0
Health care and provision of social aid	2,9	2,6	2,4	2,4	2,7	2,6	4,1	4,4	4,6	5,2	6,0	6,3
activity in health care of human beings	2,8	2,6	2,4	2,4	2,7	2,6	4,0	4,3	4,6	5,2	6,0	6,3
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	5,7	5,6	4,8	5,1	7,0	8,2	9,8	10,5	7,7	7,3
sanitary services, street cleaning and refuse disposal	1,0	0,9	1,0	1,0	1,1	1,3	0,6	0,5	0,7	0,8	1,2	1,6
cultural, sporting, recreational and entertainment activities	2,1	3,7	4,2	4,1	3,2	3,3	4,3	6,1	7,8	8,4	5,2	4,3
provision of individual services	0,8	0,6	0,5	0,5	0,5	0,4	2,0	1,6	1,3	1,3	1,3	1,3

[1] See the second footnote to Table 13.1

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

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.

The statistics regarding the basic indicators of enterprises activity by their size are compiled after criteria of small, medium and large enterprises as specified in the *Business Code of Ukraine*, dated of 18.09.2008 of, namely:

small enterprises are business entities of any organisational and legal form where the average number of employees doesn't exceed 50 persons during the reference period while the amount of gross income from the sold products (operations, services) for the same period doesn't surpass 70 mln. UAH;

large enterprises are business entities where the average number of employees exceeds 250 persons over the reference (finance) year while the amount of gross income from the sold products (operations, services) for the same period surpass 100 mln. UAH;

all other enterprises are considered as **medium**.

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 (operations, services) is calculated using the prices of final products (operations performed and services rendered) 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 (operations, services) by barter contracts) less indirect taxes (tax on value added, excise tax, ets.).

The information for 2010 is detailed by type of economic activities; it is resulted without taking into account changes of the major type of economic activity of enterprises.

14.1. Basic structural indicators of business entities activity[1]

	2006	2007	2008	2009	2010
Number of business entities					
Total, percent	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
enterprises					
percent of total entities	16,7	15,8	13,8	13,1	16,0
per 10 thsd. present population, units	84	89	85	88	75
natural persons-entrepreneurs					
percent of total entities	83,3	84,2	86,2	86,9	84,0
per 10 thsd. present population, units	423	477	530	579	394
Number of persons employed					
Total, thsd.	**12777,9**	**12926,5**	**13040,0**	**12573,8**	**10772,3**
enterprises					
thsd.	9379,1	9247,5	9051,0	8350,3	7957,8
percent of total persons employed	73,4	71,5	69,4	66,4	73,9
natural persons-entrepreneurs					
thsd.	3398,8	3679,0	3989,0	4223,5	2814,5
percent of total persons employed	26,6	28,5	30,6	33,6	26,1
Number of employees					
Total, thsd.	**10669,5**	**10605,4**	**10475,7**	**9787,5**	**8845,4**
enterprises					
thsd.	9247,4	9144,4	8936,8	8228,2	7836,0
percent of total employees	86,7	86,2	85,3	84,1	88,6
natural persons-entrepreneurs					
thsd.	1422,1	1461,0	1538,9	1559,3	1009,4
percent of total employees	13,3	13,8	14,7	15,9	11,4
Volume of the sold products (operations, services)					
Total, mln. UAH	**2020293,0**	**2571498,1**	**3223998,3**	**2941754,3**	**3596026,5**
enterprises					
mln.UAH	1901149,9	2418478,5	3019046,7	2745801,8	3365608,3
percent of total volume of the sold products (operations, services)	94,1	94,0	93,6	93,3	93,6
natural persons-entrepreneurs					
mln.UAH	119143,1	153019,6	204951,6	195952,5	230418,2
percent of total volume of the sold products (operations, services)	5,9	6,0	6,4	6,7	6,4

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

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

	Year	Number of business entities, percent			Number of persons employed		
		total	of which		total, thsd.	of which, percent	
			enterprises	natural persons-entrepreneurs		enterprises	natural persons-entrepreneurs
Total[1]	**2006**	**100,0**	**16,7**	**83,3**	**12777,9**	**73,4**	**26,6**
	2007	**100,0**	**15,8**	**84,2**	**12926,5**	**71,5**	**28,5**
	2008	**100,0**	**13,8**	**86,2**	**13040,0**	**69,4**	**30,6**
	2009	**100,0**	**13,1**	**86,9**	**12573,8**	**66,4**	**33,6**
	2010	**100,0**	**16,0**	**84,0**	**10772,3**	**73,9**	**26,1**
Agriculture, hunting, forestry	2006	100,0	57,5	42,5	1169,5	94,8	5,2
	2007	100,0	54,4	45,6	1043,1	93,6	6,4
	2008	100,0	50,7	49,3	952,5	92,1	7,9
	2009	100,0	48,8	51,2	877,1	91,8	8,2
	2010	100,0	65,4	34,6	805,2	95,2	4,8
Industry	2006	100,0	35,0	65,0	4096,6	94,3	5,7
	2007	100,0	30,6	69,4	3972,4	93,1	6,9
	2008	100,0	25,7	74,3	3847,7	91,9	8,1
	2009	100,0	23,9	76,1	3523,2	90,7	9,3
	2010	100,0	31,0	69,0	3260,5	93,9	6,1
Construction	2006	100,0	51,3	48,7	732,5	92,2	7,8
	2007	100,0	46,0	54,0	765,3	89,9	10,1
	2008	100,0	38,0	62,0	760,7	87,1	12,9
	2009	100,0	36,3	63,7	620,9	83,6	16,4
	2010	100,0	47,8	52,2	507,2	90,3	9,7
Trade; repair of motor vehicles, household appliances and personal demand items	2006	100,0	8,3	91,7	3643,4	33,7	66,3
	2007	100,0	7,9	92,1	3848,4	34,3	65,7
	2008	100,0	6,7	93,3	4037,8	33,9	66,1
	2009	100,0	6,5	93,5	4071,2	31,1	68,9
	2010	100,0	7,9	92,1	3037,2	41,5	58,5
Hotels and restaurants	2006	100,0	27,2	72,8	203,2	68,1	31,9
	2007	100,0	23,4	76,6	222,6	64,1	35,9
	2008	100,0	19,5	80,5	235,9	60,9	39,1
	2009	100,0	18,3	81,7	254,5	54,8	45,2
	2010	100,0	18,2	81,8	248,4	53,8	46,2
Transport and communications	2006	100,0	9,6	90,4	1377,9	81,0	19,0
	2007	100,0	9,4	90,6	1420,8	80,2	19,8
	2008	100,0	8,4	91,6	1443,2	78,9	21,1
	2009	100,0	8,2	91,8	1426,5	77,2	22,8
	2010	100,0	11,4	88,6	1263,4	83,8	16,2
Financial activity	2006	100,0	46,5	53,5	75,3	91,6	8,4
	2007	100,0	39,7	60,3	94,0	89,9	10,1
	2008	100,0	31,8	68,2	104,1	87,8	12,2
	2009	100,0	29,6	70,4	94,5	85,4	14,6
	2010	100,0	38,2	61,8	86,8	89,9	10,1
Real estate transactions, renting, engineering and provision of services to businessmen	2006	100,0	42,0	58,0	970,2	87,1	12,9
	2007	100,0	37,5	62,5	1039,0	83,7	16,3
	2008	100,0	31,3	68,7	1113,8	80,5	19,5
	2009	100,0	28,6	71,4	1162,5	79,3	20,7
	2010	100,0	26,0	74,0	1095,2	77,3	22,7
Education	2006	100,0	38,2	61,8	44,0	89,1	10,9
	2007	100,0	35,1	64,9	43,2	87,1	12,9
	2008	100,0	29,5	70,5	43,3	85,2	14,8
	2009	100,0	26,7	73,3	42,0	84,1	15,9
	2010	100,0	26,4	73,6	36,7	82,0	18,0
Health care and provision of social aid	2006	100,0	24,3	75,7	112,0	78,8	21,2
	2007	100,0	23,0	77,0	116,3	77,3	22,7
	2008	100,0	20,8	79,2	120,0	76,3	23,7
	2009	100,0	21,3	78,7	121,2	76,0	24,0
	2010	100,0	23,9	76,1	113,4	80,9	19,1
Provision of communal and individual services; cultural and sporting activity	2006	100,0	11,8	88,2	321,3	57,5	42,5
	2007	100,0	10,2	89,8	340,0	55,0	45,0
	2008	100,0	8,4	91,6	359,5	54,1	45,9
	2009	100,0	7,7	92,3	357,7	51,0	49,0
	2010	100,0	8,2	91,8	303,9	53,5	46,5

Table 14.2 continued

	Year	Number of employees			Volume of the sold products (operations, services)		
		total, thsd.	of which, percent		total, mln. UAH	of which, percent	
			enterprises	natural persons-entrepreneurs		enterprises	natural persons-entrepreneurs
Total[1]	**2006**	**10669,5**	**86,7**	**13,3**	**2020293,0**	**94,1**	**5,9**
	2007	**10605,4**	**86,2**	**13,8**	**2571498,1**	**94,0**	**6,0**
	2008	**10475,7**	**85,3**	**14,7**	**3223998,3**	**93,6**	**6,4**
	2009	**9787,5**	**84,1**	**15,9**	**2941754,3**	**93,3**	**6,7**
	2010	**8845,4**	**88,6**	**11,4**	**3596026,5**	**93,6**	**6,4**
Agriculture, hunting, forestry	2006	1068,1	98,2	1,8	37287,4	95,0	5,0
	2007	969,0	97,9	2,1	50812,4	95,2	4,8
	2008	864,9	97,3	2,7	69634,5	94,7	5,3
	2009	781,1	97,9	2,1	87446,8	95,3	4,7
	2010	735,7	98,3	1,7	105063,7	96,7	3,3
Industry	2006	3986,4	96,6	3,4	617264,7	98,7	1,3
	2007	3838,3	96,1	3,9	786882,9	98,5	1,5
	2008	3691,0	95,6	4,4	1007573,8	98,2	1,8
	2009	3347,1	95,2	4,8	889003,0	98,2	1,8
	2010	3149,2	96,9	3,1	1161812,3	98,8	1,2
Construction	2006	691,1	96,6	3,4	79338,4	96,4	3,6
	2007	708,1	95,9	4,1	118437,7	96,2	3,8
	2008	687,3	95,0	5,0	132703,3	94,9	5,1
	2009	541,8	94,0	6,0	87395,8	94,2	5,8
	2010	463,2	96,9	3,1	95505,8	95,8	4,2
Trade; repair of motor vehicles, household appliances and personal demand items	2006	2218,6	54,2	45,8	962040,2	90,9	9,1
	2007	2310,2	56,1	43,9	1210468,6	91,1	8,9
	2008	2396,4	56,1	43,9	1482066,8	90,9	9,1
	2009	2325,7	53,3	46,7	1320559,0	90,1	9,9
	2010	1877,3	65,7	34,3	1557046,8	90,4	9,6
Hotels and restaurants	2006	172,2	79,0	21,0	7176,5	79,3	20,7
	2007	184,5	76,0	24,0	9855,7	77,8	22,2
	2008	191,5	73,7	26,3	13223,7	75,7	24,3
	2009	204,6	67,0	33,0	13278,6	76,1	23,9
	2010	205,6	63,7	36,3	16652,1	70,2	29,8
Transport and communications	2006	1209,2	91,9	8,1	107354,8	93,7	6,3
	2007	1232,6	92,0	8,0	137323,8	93,4	6,6
	2008	1235,5	91,7	8,3	176980,9	92,4	7,6
	2009	1198,8	91,5	8,5	184557,2	94,0	6,0
	2010	1125,3	93,7	6,3	206321,3	91,9	8,1
Financial activity	2006	68,9	98,7	1,3	106334,0	99,6	0,4
	2007	84,8	98,4	1,6	122295,7	99,4	0,6
	2008	91,9	98,4	1,6	124942,0	99,1	0,9
	2009	80,6	99,1	0,9	112388,4	99,1	0,9
	2010	78,0	98,7	1,3	156135,2	99,4	0,6
Real estate transactions, renting, engineering and provision of services to businessmen	2006	854,4	96,9	3,1	86398,8	92,3	7,7
	2007	884,8	96,1	3,9	113381,5	90,6	9,4
	2008	916,2	95,5	4,5	188163,7	91,0	9,0
	2009	927,2	97,0	3,0	218736,1	91,5	8,5
	2010	869,9	94,8	5,2	266119,9	89,5	10,5
Education	2006	40,0	96,5	3,5	1114,1	91,2	8,8
	2007	38,5	96,1	3,9	1356,6	90,4	9,6
	2008	38,0	95,6	4,4	1703,3	88,9	11,1
	2009	35,7	97,3	2,7	1760,6	89,1	10,9
	2010	31,1	95,0	5,0	1881,2	80,1	19,9
Health care and provision of social aid	2006	97,5	89,5	10,5	3210,8	87,1	12,9
	2007	99,7	89,0	11,0	4124,1	86,6	13,4
	2008	101,9	88,7	11,3	5827,8	84,5	15,5
	2009	101,6	89,4	10,6	6457,4	86,5	13,5
	2010	97,8	92,5	7,5	7646,2	85,0	15,0
Provision of communal and individual services; cultural and sporting activity	2006	236,5	77,1	22,9	11933,0	75,4	24,6
	2007	239,9	77,0	23,0	16036,5	76,5	23,5
	2008	246,6	78,0	22,0	20464,9	74,8	25,2
	2009	229,0	78,7	21,3	19384,7	77,8	22,2
	2010	201,6	79,6	20,4	21179,9	68,3	31,7

[1] See the footnote to Table 14.1

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
Total[1]	**2006**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
	2007	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
	2008	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
	2009	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
	2010	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Agriculture, hunting, forestry	2006	4,1	14,2	2,1	9,2	11,8	1,8
	2007	3,8	13,3	2,1	8,1	10,6	1,8
	2008	3,7	13,6	2,1	7,3	9,7	1,9
	2009	3,5	13,1	2,1	7,0	9,6	1,7
	2010	3,5	14,4	1,4	7,5	9,6	1,4
Industry	2006	6,6	13,7	5,1	32,1	41,2	6,9
	2007	6,8	13,2	5,6	30,7	40,0	7,4
	2008	7,0	13,1	6,0	29,5	39,1	7,8
	2009	7,1	13,0	6,2	28,0	38,3	7,8
	2010	6,9	13,4	5,7	30,3	38,5	7,0
Construction	2006	3,0	9,1	1,7	5,7	7,2	1,7
	2007	3,4	10,0	2,2	5,9	7,4	2,1
	2008	3,6	10,0	2,6	5,8	7,3	2,5
	2009	3,6	9,8	2,6	4,9	6,2	2,4
	2010	3,1	9,4	1,9	4,7	5,8	1,8
Trade; repair of motor vehicles, household appliances and personal demand items	2006	64,3	32,0	70,8	28,5	13,1	71,1
	2007	62,4	31,0	68,2	29,8	14,3	68,7
	2008	60,9	29,7	65,9	31,0	15,1	66,9
	2009	59,9	29,5	64,5	32,3	15,2	66,4
	2010	57,3	28,5	62,8	28,2	15,8	63,1
Hotels and restaurants	2006	1,7	2,7	1,4	1,6	1,5	1,9
	2007	1,8	2,6	1,6	1,7	1,6	2,2
	2008	1,8	2,6	1,7	1,8	1,6	2,3
	2009	1,9	2,6	1,8	2,0	1,7	2,7
	2010	2,3	2,6	2,2	2,3	1,7	4,1
Transport and communications	2006	7,6	4,4	8,3	10,8	11,9	7,7
	2007	7,7	4,6	8,3	11,0	12,3	7,7
	2008	7,8	4,8	8,3	11,1	12,6	7,7
	2009	7,9	4,9	8,4	11,3	13,2	7,7
	2010	7,0	5,0	7,4	11,7	13,3	7,3
Financial activity	2006	0,4	1,2	0,3	0,6	0,7	0,2
	2007	0,5	1,3	0,3	0,7	0,9	0,3
	2008	0,6	1,3	0,5	0,8	1,0	0,3
	2009	0,6	1,4	0,5	0,8	1,0	0,3
	2010	0,6	1,4	0,4	0,8	1,0	0,3
Real estate transactions, renting, engineering and provision of services to businessmen	2006	7,2	18,0	5,0	7,6	9,0	3,7
	2007	8,2	19,5	6,1	8,0	9,4	4,6
	2008	9,0	20,5	7,2	8,5	9,9	5,4
	2009	9,7	21,2	8,0	9,2	11,0	5,7
	2010	12,8	20,8	11,3	10,2	10,6	8,8
Education	2006	0,2	0,5	0,2	0,3	0,4	0,1
	2007	0,2	0,5	0,2	0,3	0,4	0,1
	2008	0,2	0,5	0,2	0,3	0,4	0,2
	2009	0,2	0,5	0,2	0,3	0,4	0,2
	2010	0,3	0,5	0,3	0,3	0,4	0,2
Health care and provision of social aid	2006	0,7	1,1	0,7	0,9	0,9	0,7
	2007	0,8	1,1	0,7	0,9	1,0	0,7
	2008	0,8	1,1	0,7	0,9	1,0	0,7
	2009	0,8	1,2	0,7	1,0	1,1	0,7
	2010	0,9	1,3	0,8	1,1	1,2	0,8
Provision of communal and individual services; cultural and sporting activity	2006	3,9	2,8	4,2	2,5	2,0	4,0
	2007	4,1	2,7	4,4	2,6	2,0	4,2
	2008	4,3	2,6	4,5	2,8	2,2	4,1
	2009	4,5	2,6	4,7	3,0	2,2	4,2
	2010	5,1	2,6	5,6	2,8	2,0	5,0

Table 14.3 continued

	Year	Number of employees			Volume of the sold products (operations, services)		
		total	of which		total	of which	
			enterpises	natural persons-entrepreneurs		enterpises	natural persons-entrepreneurs
Total[1]	**2006**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
	2007	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
	2008	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
	2009	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
	2010	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Agriculture, hunting, forestry	2006	10,0	11,3	1,3	1,8	1,9	1,6
	2007	9,1	10,4	1,4	2,0	2,0	1,6
	2008	8,3	9,4	1,5	2,1	2,2	1,8
	2009	8,0	9,3	1,1	2,9	3,0	2,1
	2010	8,3	9,2	1,2	2,9	3,0	1,5
Industry	2006	37,4	41,7	9,5	30,6	32,0	6,8
	2007	36,2	40,4	10,2	30,6	32,1	7,5
	2008	35,2	39,5	10,6	31,3	32,7	9,0
	2009	34,1	38,7	10,4	30,2	31,8	8,3
	2010	35,6	39,0	9,5	32,3	34,1	6,3
Construction	2006	6,5	7,2	1,6	3,9	4,0	2,4
	2007	6,7	7,4	2,0	4,6	4,7	2,9
	2008	6,6	7,3	2,2	4,1	4,2	3,3
	2009	5,5	6,2	2,1	2,9	3,0	2,6
	2010	5,3	5,7	1,4	2,7	2,7	1,8
Trade; repair of motor vehicles, household appliances and personal demand items	2006	20,8	13,0	71,5	47,6	46,0	73,4
	2007	21,8	14,2	69,4	47,1	45,6	70,1
	2008	22,9	15,0	68,3	46,0	44,6	65,9
	2009	23,7	15,1	69,7	44,9	43,3	67,0
	2010	21,2	15,7	63,7	43,3	41,8	64,8
Hotels and restaurants	2006	1,6	1,5	2,5	0,4	0,3	1,2
	2007	1,7	1,5	3,0	0,4	0,3	1,4
	2008	1,8	1,6	3,3	0,4	0,3	1,6
	2009	2,1	1,7	4,3	0,5	0,4	1,6
	2010	2,3	1,7	7,4	0,5	0,4	2,1
Transport and communications	2006	11,3	12,0	6,9	5,3	5,3	5,7
	2007	11,6	12,4	6,7	5,3	5,3	5,9
	2008	11,8	12,7	6,7	5,5	5,4	6,5
	2009	12,2	13,3	6,5	6,3	6,3	5,6
	2010	12,7	13,5	7,0	5,7	5,6	7,2
Financial activity	2006	0,6	0,7	0,1	5,3	5,6	0,3
	2007	0,8	0,9	0,1	4,8	5,0	0,5
	2008	0,9	1,0	0,1	3,9	4,1	0,5
	2009	0,8	1,0	0,0	3,8	4,1	0,5
	2010	0,9	1,0	0,1	4,3	4,6	0,4
Real estate transactions, renting, engineering and provision of services to businessmen	2006	8,0	9,0	1,9	4,3	4,2	5,6
	2007	8,3	9,3	2,4	4,4	4,2	7,0
	2008	8,7	9,8	2,7	5,8	5,7	8,2
	2009	9,5	10,9	1,8	7,4	7,3	9,5
	2010	9,8	10,5	4,5	7,4	7,1	12,2
Education	2006	0,4	0,4	0,1	0,1	0,1	0,1
	2007	0,4	0,4	0,1	0,1	0,1	0,1
	2008	0,4	0,4	0,1	0,1	0,1	0,1
	2009	0,4	0,4	0,1	0,1	0,1	0,1
	2010	0,4	0,4	0,2	0,1	0,1	0,2
Health care and provision of social aid	2006	0,9	0,9	0,7	0,2	0,1	0,3
	2007	0,9	1,0	0,7	0,2	0,2	0,4
	2008	1,0	1,0	0,8	0,2	0,2	0,5
	2009	1,0	1,1	0,7	0,2	0,2	0,4
	2010	1,1	1,2	0,7	0,2	0,2	0,5
Provision of communal and individual services; cultural and sporting activity	2006	2,2	2,0	3,8	0,6	0,5	2,5
	2007	2,3	2,0	3,8	0,6	0,5	2,5
	2008	2,3	2,2	3,5	0,6	0,5	2,5
	2009	2,5	2,2	3,1	0,6	0,5	2,2
	2010	2,3	2,0	4,1	0,6	0,4	2,9

[1] See the footnote to Table 14.1

14.4. Basic structural indicators of enterprises, by size[1]

	2006	2007	2008	2009	2010
Number of enterprises					
Total, percent	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
large enterprises					
percent of total entities	0,3	0,4	0,5	0,5	0,6
per 10 thsd. present population, units	0	1	0	0	1
medium enterprises					
percent of total entities	6,9	6,4	6,8	5,8	6,5
per 10 thsd. present population, units	5	5	5	5	4
small-scale enterprises					
percent of total entities	92,8	93,2	92,7	93,7	92,9
per 10 thsd. present population, units	72	76	72	75	63
Number of persons employed					
Total, thsd.	**9272,5**	**9154,3**	**8969,4**	**8274,8**	**7885,8**
large enterprises					
thsd.	3189,9	3440,1	3594,3	3278,7	3305,3
percent of total persons employed	34,4	37,6	40,1	39,6	41,9
medium enterprises					
thsd.	3850,3	3482,7	3137,7	2844,1	2506,9
percent of total persons employed	41,5	38,0	35,0	34,4	31,9
small enterprises					
thsd.	2232,3	2231,5	2237,4	2152,0	2073,6
percent of total persons employed	24,1	24,4	24,9	26,0	26,2
Number of employees					
Total, thsd.	**9197,1**	**9075,2**	**8887,5**	**8189,5**	**7803,7**
large enterprises					
thsd.	3189,9	3440,1	3594,2	3278,6	3305,2
percent of total employees	34,7	37,9	40,4	40,0	42,4
medium enterprises					
thsd.	3848,7	3480,8	3136,5	2843,1	2506,0
percent of total employees	41,8	38,4	35,3	34,7	32,2
small enterprises					
thsd.	2158,5	2154,3	2156,8	2067,8	1992,5
percent of total employees	23,5	23,7	24,3	25,3	25,4
Volume of the sold products (operations, services)					
Total, mln. UAH	**1898295,0**	**2414715,3**	**3014742,4**	**2740778,5**	**3359471,6**
large enterprises					
mln.UAH	694240,5	950466,9	1344754,3	1249361,4	1640279,5
percent of total volume of the sold products (operations, services)	36,6	39,3	44,6	45,6	48,8
medium enterprises					
mln.UAH	846801,9	1028000,6	1177609,4	1034749,3	1240916,3
percent of total volume of the sold products (operations, services)	44,6	42,6	39,1	37,7	37,0
small enterprises					
mln.UAH	357252,6	436247,8	492378,7	456667,8	478275,8
percent of total volume of the sold products (operations, services)	18,8	18,1	16,3	16,7	14,2

[1] Excluding banks and budgetary institutions

14.5. Basic structural indicators of enterprises, by size and type of economic activity

	Year	Number of enterprises, percent			
		total	of which		
			large enterprises	medium enterprises	small enterprises
Total[1]	**2006**	**100,0**	**0,3**	**6,9**	**92,8**
	2007	**100,0**	**0,4**	**6,4**	**93,2**
	2008	**100,0**	**0,5**	**6,8**	**92,7**
	2009	**100,0**	**0,5**	**5,8**	**93,7**
	2010	**100,0**	**0,6**	**6,5**	**92,9**
Agriculture, hunting, forestry	2006	100,0	0,0	24,7	75,3
	2007	100,0	0,2	21,5	78,3
	2008	100,0	0,3	20,8	78,9
	2009	100,0	0,5	18,9	80,6
	2010	100,0	0,7	20,3	79,0
Industry	2006	100,0	1,2	12,7	86,1
	2007	100,0	1,5	12,0	86,5
	2008	100,0	1,8	12,5	85,7
	2009	100,0	1,6	11,0	87,4
	2010	100,0	2,0	11,5	86,5
Construction	2006	100,0	0,2	6,5	93,3
	2007	100,0	0,3	5,9	93,8
	2008	100,0	0,3	6,1	93,6
	2009	100,0	0,2	4,3	95,5
	2010	100,0	0,2	4,3	95,5
Trade; repair of motor vehicles, household appliances and personal demand items	2006	100,0	0,2	3,6	96,2
	2007	100,0	0,3	3,8	95,9
	2008	100,0	0,4	4,5	95,1
	2009	100,0	0,3	3,8	95,9
	2010	100,0	0,4	4,6	95,0
Hotels and restaurants	2006	100,0	0,0	4,4	95,6
	2007	100,0	0,0	4,5	95,5
	2008	100,0	0,1	4,7	95,2
	2009	100,0	0,1	4,2	95,7
	2010	100,0	0,2	4,4	95,4
Transport and communications	2006	100,0	0,3	7,9	91,8
	2007	100,0	0,4	7,4	92,2
	2008	100,0	0,6	7,5	91,9
	2009	100,0	0,6	6,9	92,5
	2010	100,0	0,7	7,4	91,9
Financial activity	2006	100,0	0,3	5,0	94,7
	2007	100,0	0,3	5,8	93,9
	2008	100,0	0,5	6,8	92,7
	2009	100,0	0,4	5,4	94,2
	2010	100,0	0,4	6,1	93,5
Real estate transactions, renting, engineering and provision of services to businessmen	2006	100,0	0,0	3,7	96,3
	2007	100,0	0,0	3,4	96,6
	2008	100,0	0,1	3,7	96,2
	2009	100,0	0,0	3,3	96,7
	2010	100,0	0,1	3,7	96,2
Education	2006	100,0	0,1	5,0	94,9
	2007	100,0	0,0	5,1	94,9
	2008	100,0	0,1	5,4	94,5
	2009	100,0	0,1	4,9	95,0
	2010	100,0	0,0	4,7	95,3
Health care and provision of social aid	2006	100,0	0,0	6,8	93,2
	2007	100,0	0,0	6,1	93,9
	2008	100,0	0,0	6,2	93,8
	2009	100,0	0,1	5,7	94,2
	2010	100,0	0,2	6,2	93,6
Provision of communal and individual services; cultural and sporting activity	2006	100,0	0,1	5,9	94,0
	2007	100,0	0,1	6,1	93,8
	2008	100,0	0,1	7,4	92,5
	2009	100,0	0,1	6,4	93,5
	2010	100,0	0,1	6,7	93,2

Table 14.5 continued

	Year	Number of persons employed			
		total, thsd.	of which, percent		
			large enterprises	medium enterprises	small enterprises
Total[1]	**2006**	**9272,5**	**34,4**	**41,5**	**24,1**
	2007	**9154,3**	**37,6**	**38,0**	**24,4**
	2008	**8969,4**	**40,1**	**35,0**	**24,9**
	2009	**8274,8**	**39,6**	**34,4**	**26,0**
	2010	**7885,8**	**41,9**	**31,9**	**26,2**
Agriculture, hunting, forestry	2006	1002,5	1,7	81,9	16,4
	2007	883,1	7,3	75,1	17,6
	2008	795,7	11,1	70,1	18,8
	2009	729,9	13,4	66,6	20,0
	2010	694,9	15,0	64,3	20,7
Industry	2006	3861,1	51,6	37,6	10,8
	2007	3699,6	55,8	33,3	10,9
	2008	3535,9	58,6	30,4	11,0
	2009	3194,4	58,1	30,1	11,8
	2010	3062,0	61,2	27,1	11,7
Construction	2006	675,2	14,5	47,9	37,6
	2007	687,7	16,4	44,3	39,3
	2008	662,6	16,7	41,6	41,7
	2009	518,8	11,4	38,5	50,1
	2010	457,8	12,7	34,4	52,9
Trade; repair of motor vehicles, household appliances and personal demand items	2006	1227,8	20,2	31,1	48,7
	2007	1320,8	25,6	29,9	44,5
	2008	1370,5	30,2	27,5	42,3
	2009	1265,8	28,9	27,1	44,0
	2010	1260,2	31,2	25,9	42,9
Hotels and restaurants	2006	138,4	3,8	41,1	55,1
	2007	142,6	5,2	43,0	51,8
	2008	143,6	9,5	39,0	51,5
	2009	139,6	12,3	36,4	51,3
	2010	133,6	13,3	34,7	52,0
Transport and communications	2006	1116,4	67,2	21,8	11,0
	2007	1138,8	67,5	21,4	11,1
	2008	1138,0	69,2	19,3	11,5
	2009	1101,8	69,4	19,1	11,5
	2010	1059,1	69,8	18,6	11,6
Financial activity	2006	69,0	32,5	35,0	32,5
	2007	84,5	35,8	34,3	29,9
	2008	91,4	43,8	28,2	28,0
	2009	80,7	36,3	32,0	31,7
	2010	78,1	37,7	30,1	32,2
Real estate transactions, renting, engineering and provision of services to businessmen	2006	845,0	4,8	44,0	51,2
	2007	869,9	3,8	43,8	52,4
	2008	896,5	4,9	41,6	53,5
	2009	922,0	6,5	43,6	49,9
	2010	846,3	7,5	40,3	52,2
Education	2006	39,2	10,3	48,5	41,2
	2007	37,6	7,1	51,1	41,8
	2008	36,9	7,6[2]	49,5[2]	42,9
	2009	35,3	…[2]	…[2]	44,7
	2010	30,1	…[2]	…[2]	49,1
Health care and provision of social aid	2006	88,3	4,1	60,8	35,1
	2007	89,9	3,9	60,1	36,0
	2008	91,5	5,3	57,7	37,0
	2009	92,1	8,6	54,2	37,2
	2010	91,7	11,8	50,8	37,4
Provision of communal and individual services; cultural and sporting activity	2006	184,8	5,0	46,3	48,7
	2007	186,9	8,0	48,3	43,7
	2008	194,6	9,6	50,5	39,9
	2009	182,5	9,3	49,6	41,1
	2010	162,7	8,7	47,0	44,3

Table 14.5 continued

	Year	Number of employees			
		total, thsd.	of which, percent		
			large enterprises	medium enterprises	small enterprises
Total[1]	**2006**	**9197,1**	**34,7**	**41,8**	**23,5**
	2007	**9075,2**	**37,9**	**38,4**	**23,7**
	2008	**8887,5**	**40,4**	**35,3**	**24,3**
	2009	**8189,5**	**40,0**	**34,7**	**25,3**
	2010	**7803,7**	**42,4**	**32,2**	**25,4**
Agriculture, hunting, forestry	2006	998,8	1,7	82,2	16,1
	2007	879,2	7,3	75,4	17,3
	2008	791,8	11,2	70,4	18,4
	2009	726,0	13,4	66,9	19,7
	2010	691,2	15,1	64,6	20,3
Industry	2006	3851,9	51,7	37,7	10,6
	2007	3690,0	55,9	33,4	10,7
	2008	3527,1	58,7	30,5	10,8
	2009	3185,1	58,3	30,2	11,5
	2010	3052,9	61,4	27,2	11,4
Construction	2006	667,9	14,7	48,4	36,9
	2007	679,2	16,6	44,9	38,5
	2008	653,2	17,0	42,1	40,9
	2009	509,1	11,6	39,2	49,2
	2010	448,8	12,9	35,1	52,0
Trade; repair of motor vehicles, household appliances and personal demand items	2006	1202,2	20,7	31,7	47,6
	2007	1295,6	26,1	30,5	43,4
	2008	1344,7	30,7	28,0	41,3
	2009	1239,1	29,5	27,7	42,8
	2010	1234,0	31,9	26,4	41,7
Hotels and restaurants	2006	136,0	3,9	41,8	54,3
	2007	140,1	5,3	43,7	51,0
	2008	141,1	9,7	39,6	50,7
	2009	137,0	12,5	37,1	50,4
	2010	131,0	13,6	35,3	51,1
Transport and communications	2006	1111,7	67,4	21,9	10,7
	2007	1134,2	67,8	21,4	10,8
	2008	1133,2	69,5	19,4	11,1
	2009	1096,8	69,7	19,2	11,1
	2010	1054,2	70,1	18,7	11,2
Financial activity	2006	68,0	33,0	35,4	31,6
	2007	83,4	36,3	34,6	29,1
	2008	90,4	44,4	28,5	27,1
	2009	79,6	36,8	32,4	30,8
	2010	77,0	38,2	30,5	31,3
Real estate transactions, renting, engineering and provision of services to businessmen	2006	827,8	4,9	44,9	50,2
	2007	850,4	3,9	44,8	51,3
	2008	875,0	5,0	42,7	52,3
	2009	899,5	6,7	44,7	48,6
	2010	824,9	7,7	41,3	51,0
Education	2006	38,6	10,5	49,1	40,4
	2007	37,0	7,2	51,8	41,0
	2008	36,3	7,7	50,3	42,0
	2009	34,7	…[2]	…[2]	43,8
	2010	29,5	…[2]	…[2]	48,1
Health care and provision of social aid	2006	87,2	4,1	61,6	34,3
	2007	88,8	3,9	60,8	35,3
	2008	90,4	5,4	58,4	36,2
	2009	90,8	8,7	55,0	36,3
	2010	90,5	12,0	51,4	36,6
Provision of communal and individual services; cultural and sporting activity	2006	182,4	5,1	46,9	48,0
	2007	184,6	8,1	48,9	43,0
	2008	192,4	9,7	51,1	39,2
	2009	180,2	9,4	50,2	40,4
	2010	160,5	8,9	47,6	43,5

Table 14.5 continued

	Year	Volume of the sold products (operations, services)			
		total, mln. UAH	of which, percent		
			large enterprises	medium enterprises	small enterprises
Total[1]	**2006**	**1898295,0**	**36,6**	**44,6**	**18,8**
	2007	**2414715,3**	**39,3**	**42,6**	**18,1**
	2008	**3014742,4**	**44,6**	**39,1**	**16,3**
	2009	**2740778,5**	**45,6**	**37,7**	**16,7**
	2010	**3359471,6**	**48,8**	**37,0**	**14,2**
Agriculture, hunting, forestry	2006	32552,2	3,5	78,5	18,0
	2007	44590,1	12,9	69,9	17,2
	2008	61667,6	21,8	61,6	16,6
	2009	78295,8	27,9	56,2	15,9
	2010	95463,2	29,1	54,1	16,8
Industry	2006	609116,0	69,7	25,2	5,1
	2007	775388,4	72,4	22,6	5,0
	2008	989158,5	74,8	20,6	4,6
	2009	872777,1	71,7	23,1	5,2
	2010	1147364,0	75,3	20,3	4,4
Construction	2006	76464,6	19,8	47,2	33,0
	2007	113934,5	23,7	43,3	33,0
	2008	125968,3	23,5	43,0	33,5
	2009	82370,9	17,4	41,2	41,4
	2010	91458,7	19,8	44,3	35,9
Trade; repair of motor vehicles, household appliances and personal demand items	2006	874574,0	17,5	55,2	27,3
	2007	1103241,5	21,5	53,5	25,0
	2008	1346954,6	27,7	49,6	22,7
	2009	1189360,1	30,9	46,1	23,0
	2010	1407698,6	34,1	45,9	20,0
Hotels and restaurants	2006	5690,3	12,2	50,6	37,2
	2007	7668,9	13,5	51,3	35,2
	2008	10005,3	22,1	45,6	32,3
	2009	10103,3	25,8	42,0	32,2
	2010	11686,5	29,1	40,0	30,9
Transport and communications	2006	100624,2	68,7	20,4	10,9
	2007	128204,3	69,0	20,1	10,9
	2008	163587,5	70,5	19,3	10,2
	2009	173508,4	69,4	20,5	10,1
	2010	189670,0	70,1	19,8	10,1
Financial activity	2006	105921,0	1,8	89,6	8,6
	2007	121550,3	3,1	86,0	10,9
	2008	123834,6	5,4	88,2	6,4
	2009	111415,7	4,9	87,7	7,4
	2010	155132,1	3,6	91,5	4,9
Real estate transactions, renting, engineering and provision of services to businessmen	2006	79788,9	32,8	30,0	37,2
	2007	102676,4	22,2	36,6	41,2
	2008	171294,6	34,7	32,9	32,4
	2009	200129,6	43,4	28,3	28,3
	2010	238045,9	43,6	31,2	25,2
Education	2006	1015,8	17,6	45,9	36,5
	2007	1226,2	13,5	48,0	38,5
	2008	1513,9	10,7	48,9	40,4
	2009	1569,3	…[2]	…[2]	36,9
	2010	1506,6	…	…	38,9
Health care and provision of social aid	2006	2795,7	5,1	70,2	24,7
	2007	3573,3	4,4	69,6	26,0
	2008	4925,9	6,3	68,7	25,0
	2009	5587,0	10,0	66,1	23,9
	2010	6503,0	17,9	57,9	24,2
Provision of communal and individual services; cultural and sporting activity	2006	8997,0	26,5	43,1	30,4
	2007	12268,0	28,8	46,2	25,0
	2008	15316,7	26,5	50,3	23,2
	2009	15080,8	20,4	55,5	24,1
	2010	14458,6	27,3	42,9	29,8

[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	medium enterprises	small enterprises
Total[1]	**2006**	**100,0**	**100,0**	**100,0**	**100,0**
	2007	**100,0**	**100,0**	**100,0**	**100,0**
	2008	**100,0**	**100,0**	**100,0**	**100,0**
	2009	**100,0**	**100,0**	**100,0**	**100,0**
	2010	**100,0**	**100,0**	**100,0**	**100,0**
Agriculture, hunting, forestry	2006	5,8	0,8	21,0	4,7
	2007	5,4	2,5	18,0	4,6
	2008	5,4	3,8	16,3	4,5
	2009	5,2	5,7	16,8	4,5
	2010	5,2	6,1	16,5	4,4
Industry	2006	15,1	56,4	27,9	14,0
	2007	14,4	54,1	27,0	13,4
	2008	14,3	51,9	26,2	13,2
	2009	14,2	51,4	26,8	13,2
	2010	14,8	52,5	26,3	13,8
Construction	2006	10,0	6,7	9,4	10,0
	2007	10,9	7,7	9,9	11,0
	2008	11,0	7,1	9,8	11,1
	2009	10,7	4,0	7,9	10,9
	2010	10,3	4,1	6,8	10,6
Trade; repair of motor vehicles, household appliances and personal demand items	2006	35,1	27,4	18,2	36,4
	2007	33,9	26,1	20,2	34,8
	2008	32,5	25,6	21,6	33,4
	2009	32,1	25,4	20,7	32,8
	2010	31,5	24,1	22,4	32,2
Hotels and restaurants	2006	3,0	0,2	1,9	3,1
	2007	2,9	0,2	2,0	2,9
	2008	2,8	0,5	2,0	2,9
	2009	2,9	0,7	2,0	2,9
	2010	2,9	0,8	2,0	3,0
Transport and communications	2006	4,8	4,7	5,6	4,8
	2007	5,0	5,3	5,7	4,9
	2008	5,2	6,3	5,7	5,2
	2009	5,3	7,3	6,3	5,3
	2010	5,5	6,8	6,3	5,5
Financial activity	2006	1,3	1,0	0,9	1,3
	2007	1,4	1,2	1,3	1,4
	2008	1,5	1,5	1,4	1,5
	2009	1,5	1,2	1,4	1,5
	2010	1,5	1,2	1,4	1,5
Real estate transactions, renting, engineering and provision of services to businessmen	2006	19,8	1,8	10,5	20,5
	2007	21,2	1,8	11,3	22,0
	2008	22,5	2,2	12,2	23,3
	2009	23,1	3,1	13,0	23,8
	2010	23,1	3,1	13,3	23,8
Education	2006	0,6	0,1	0,4	0,6
	2007	0,6	0,1	0,5	0,6
	2008	0,6	0,1	0,4	0,6
	2009	0,6	0,1	0,5	0,6
	2010	0,6	0,1	0,4	0,6
Health care and provision of social aid	2006	1,2	0,1	1,2	1,2
	2007	1,2	0,1	1,1	1,2
	2008	1,2	0,1	1,1	1,3
	2009	1,3	0,2	1,3	1,4
	2010	1,5	0,5	1,4	1,5
Provision of communal and individual services; cultural and sporting activity	2006	3,0	0,8	2,6	3,1
	2007	2,9	0,9	2,8	3,0
	2008	2,8	0,9	3,1	2,8
	2009	2,9	0,9	3,1	2,9
	2010	2,9	0,7	3,0	2,9

Table 14.6 continued

	Year	Number of persons employed			
		total	of which		
			large enterprises	medium enterprises	small enterprises
Total[1]	**2006**	**100,0**	**100,0**	**100,0**	**100,0**
	2007	**100,0**	**100,0**	**100,0**	**100,0**
	2008	**100,0**	**100,0**	**100,0**	**100,0**
	2009	**100,0**	**100,0**	**100,0**	**100,0**
	2010	**100,0**	**100,0**	**100,0**	**100,0**
Agriculture, hunting, forestry	2006	10,8	0,5	21,3	7,4
	2007	9,7	1,9	19,1	6,9
	2008	8,9	2,5	17,8	6,7
	2009	8,8	3,0	17,1	6,8
	2010	8,8	3,1	17,6	6,9
Industry	2006	41,6	62,4	37,7	18,7
	2007	40,4	60,0	35,4	18,1
	2008	39,4	57,6	34,3	17,4
	2009	38,6	56,6	33,8	17,4
	2010	38,8	56,7	33,0	17,5
Construction	2006	7,3	3,1	8,4	11,4
	2007	7,5	3,3	8,8	12,1
	2008	7,4	3,1	8,8	12,4
	2009	6,3	1,8	7,0	12,1
	2010	5,8	1,8	6,2	11,7
Trade; repair of motor vehicles, household appliances and personal demand items	2006	13,2	7,8	9,9	26,8
	2007	14,4	9,8	11,3	26,3
	2008	15,3	11,5	12,0	25,9
	2009	15,3	11,2	12,1	25,9
	2010	15,9	11,9	12,8	26,1
Hotels and restaurants	2006	1,5	0,2	1,5	3,4
	2007	1,6	0,2	1,8	3,3
	2008	1,6	0,4	1,8	3,3
	2009	1,7	0,5	1,8	3,3
	2010	1,7	0,5	1,8	3,3
Transport and communications	2006	12,0	23,5	6,3	5,5
	2007	12,4	22,3	7,0	5,7
	2008	12,7	21,9	7,0	5,8
	2009	13,3	23,3	7,4	5,9
	2010	13,4	22,4	7,7	5,9
Financial activity	2006	0,8	0,7	0,6	1,0
	2007	0,9	0,9	0,8	1,1
	2008	1,0	1,1	0,8	1,2
	2009	1,0	0,9	0,9	1,2
	2010	1,0	0,9	0,9	1,2
Real estate transactions, renting, engineering and provision of services to businessmen	2006	9,1	1,3	9,7	19,4
	2007	9,5	1,0	10,9	20,4
	2008	10,0	1,2	11,9	21,4
	2009	11,2	1,8	14,1	21,4
	2010	10,7	1,9	13,4	21,3
Education	2006	0,4	0,1	0,5	0,7
	2007	0,4	0,1	0,6	0,7
	2008	0,4	0,1[2]	0,6[2]	0,7
	2009	0,4	…[2]	…[2]	0,7
	2010	0,4	…[2]	…[2]	0,7
Health care and provision of social aid	2006	1,0	0,1	1,4	1,4
	2007	1,0	0,1	1,5	1,5
	2008	1,0	0,1	1,7	1,5
	2009	1,1	0,3	1,8	1,6
	2010	1,1	0,3	1,8	1,7
Provision of communal and individual services; cultural and sporting activity	2006	2,0	0,3	2,2	4,0
	2007	2,1	0,4	2,6	3,7
	2008	2,2	0,5	3,1	3,5
	2009	2,2	0,5	3,2	3,5
	2010	2,0	0,4	3,0	3,5

Table 14.6 continued

	Year	Number of employees			
		total	of which		
			large enterprises	medium enterprises	small enterprises
Total[1]	**2006**	**100,0**	**100,0**	**100,0**	**100,0**
	2007	**100,0**	**100,0**	**100,0**	**100,0**
	2008	**100,0**	**100,0**	**100,0**	**100,0**
	2009	**100,0**	**100,0**	**100,0**	**100,0**
	2010	**100,0**	**100,0**	**100,0**	**100,0**
Agriculture, hunting, forestry	2006	10,9	0,5	21,3	7,5
	2007	9,7	1,9	19,1	7,0
	2008	8,9	2,5	17,8	6,8
	2009	8,9	3,0	17,1	6,9
	2010	8,8	3,1	17,6	7,0
Industry	2006	41,9	62,4	37,7	19,0
	2007	40,7	60,0	35,4	18,3
	2008	39,7	57,6	34,3	17,7
	2009	38,9	56,6	33,8	17,7
	2010	39,1	56,7	33,0	17,8
Construction	2006	7,3	3,1	8,4	11,4
	2007	7,5	3,3	8,8	12,2
	2008	7,4	3,1	8,8	12,4
	2009	6,2	1,8	7,0	12,1
	2010	5,7	1,8	6,2	11,7
Trade; repair of motor vehicles, household appliances and personal demand items	2006	13,1	7,8	9,9	26,5
	2007	14,3	9,8	11,3	26,1
	2008	15,1	11,5	12,0	25,7
	2009	15,1	11,2	12,1	25,7
	2010	15,7	11,9	12,8	25,8
Hotels and restaurants	2006	1,5	0,2	1,5	3,4
	2007	1,5	0,2	1,8	3,3
	2008	1,6	0,4	1,8	3,3
	2009	1,7	0,5	1,8	3,3
	2010	1,7	0,5	1,8	3,4
Transport and communications	2006	12,1	23,5	6,3	5,5
	2007	12,5	22,3	7,0	5,7
	2008	12,8	21,9	7,0	5,9
	2009	13,4	23,3	7,4	5,9
	2010	13,4	22,4	7,7	5,9
Financial activity	2006	0,7	0,7	0,6	1,0
	2007	0,9	0,9	0,8	1,1
	2008	1,0	1,1	0,8	1,1
	2009	1,0	0,9	0,9	1,2
	2010	1,0	0,9	0,9	1,2
Real estate transactions, renting, engineering and provision of services to businessmen	2006	9,0	1,3	9,7	19,2
	2007	9,4	1,0	10,9	20,2
	2008	9,8	1,2	11,9	21,2
	2009	11,0	1,8	14,1	21,2
	2010	10,5	1,9	13,4	21,1
Education	2006	0,4	0,1	0,5	0,7
	2007	0,4	0,1	0,6	0,7
	2008	0,4	0,1	0,6	0,7
	2009	0,4	…[2]	…[2]	0,7
	2010	0,4	…[2]	…[2]	0,7
Health care and provision of social aid	2006	0,9	0,1	1,4	1,4
	2007	1,0	0,1	1,5	1,5
	2008	1,0	0,1	1,7	1,5
	2009	1,1	0,3	1,8	1,6
	2010	1,2	0,3	1,8	1,7
Provision of communal and individual services; cultural and sporting activity	2006	2,0	0,3	2,2	4,1
	2007	2,0	0,4	2,6	3,7
	2008	2,2	0,5	3,1	3,5
	2009	2,2	0,5	3,2	3,5
	2010	2,1	0,4	3,0	3,5

Table 14.6 continued

	Year	Volume of the sold products (operations, services)			
		total	of which		
			large enterprises	medium enterprises	small enterprises
Total[1]	**2006**	**100,0**	**100,0**	**100,0**	**100,0**
	2007	**100,0**	**100,0**	**100,0**	**100,0**
	2008	**100,0**	**100,0**	**100,0**	**100,0**
	2009	**100,0**	**100,0**	**100,0**	**100,0**
	2010	**100,0**	**100,0**	**100,0**	**100,0**
Agriculture, hunting, forestry	2006	1,7	0,2	3,0	1,6
	2007	1,8	0,6	3,0	1,8
	2008	2,0	1,0	3,2	2,1
	2009	2,9	1,8	4,3	2,7
	2010	2,8	1,7	4,1	3,4
Industry	2006	32,1	61,1	18,1	8,8
	2007	32,1	59,1	17,1	8,8
	2008	32,8	55,0	17,3	9,3
	2009	31,8	50,1	19,5	10,0
	2010	34,2	52,7	18,8	10,6
Construction	2006	4,0	2,2	4,3	7,1
	2007	4,7	2,8	4,8	8,6
	2008	4,2	2,2	4,6	8,6
	2009	3,0	1,1	3,3	7,5
	2010	2,7	1,1	3,3	6,9
Trade; repair of motor vehicles, household appliances and personal demand items	2006	46,1	22,0	57,0	66,9
	2007	45,7	24,9	57,5	63,2
	2008	44,7	27,8	56,7	62,0
	2009	43,4	29,5	52,9	59,9
	2010	41,9	29,2	52,1	58,9
Hotels and restaurants	2006	0,3	0,1	0,4	0,6
	2007	0,3	0,1	0,4	0,6
	2008	0,3	0,2	0,4	0,7
	2009	0,4	0,2	0,4	0,7
	2010	0,4	0,2	0,4	0,8
Transport and communications	2006	5,3	10,0	2,4	3,1
	2007	5,3	9,3	2,5	3,2
	2008	5,4	8,6	2,7	3,4
	2009	6,3	9,6	3,4	3,8
	2010	5,7	8,1	3,0	4,0
Financial activity	2006	5,6	0,3	11,2	2,5
	2007	5,0	0,4	10,2	3,1
	2008	4,1	0,5	9,3	1,6
	2009	4,1	0,4	9,4	1,8
	2010	4,6	0,3	11,4	1,6
Real estate transactions, renting, engineering and provision of services to businessmen	2006	4,2	3,8	2,8	8,3
	2007	4,3	2,4	3,7	9,7
	2008	5,7	4,4	4,8	11,3
	2009	7,3	7,0	5,5	12,4
	2010	7,1	6,3	6,0	12,5
Education	2006	0,1	0,0	0,1	0,1
	2007	0,1	0,0	0,1	0,1
	2008	0,1	0,0	0,1	0,1
	2009	0,1	…[2]	…[2]	0,1
	2010	0,0	…[2]	…[2]	0,1
Health care and provision of social aid	2006	0,1	0,0	0,2	0,2
	2007	0,2	0,0	0,2	0,2
	2008	0,2	0,0	0,3	0,2
	2009	0,2	0,0	0,4	0,3
	2010	0,2	0,1	0,3	0,3
Provision of communal and individual services; cultural and sporting activity	2006	0,5	0,3	0,5	0,8
	2007	0,5	0,4	0,5	0,7
	2008	0,5	0,3	0,6	0,7
	2009	0,5	0,3	0,8	0,8
	2010	0,4	0,3	0,5	0,9

[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.).

Technological innovation is an activity connected with the development and implementation of both technologically new products and significantly improved products (product innovations) and processes (process innovations). From 2007, **innovation means** implementation 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.

Technologically new product and significantly improved products (since 2007, **innovation products)** are products which are new or significantly improved in terms their properties or methods of employment. 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 general sum of **expenditures for technological innovations** consists of current and capital expenditures for fulfilment of research and developments; purchase of new technologies, industrial designs, other types of preproduction to produce new products, implementation of new methods for their output; purchase of machinery, equipment, installations, other fixed assets associated with implementation of innovations; marketing; advertisement and other expenditures. From 2007, the general sum of **expenditure for innovation** includes expenditure incurred by enterprises for the implementation of innovations which are both new for the market and to enterprise, including: domestic R&D, purchase of R&D, machines, equipment and software, other external knowledge and other expenses.

15.1. R&D personnel

(thsd.)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Employees in involved R&D operations[1]	494,2	293,1	188,0	173,9	173,6	170,6	160,8	155,5	149,7	146,8	141,1
Staff engaged full time in R&D	313,1	179,8	120,8	104,8	106,6	105,5	100,2	96,8	94,1	92,4	89,6
of whom with a scientific degree of											
Doctor of Science	3,2	4,1	4,1	4,0	4,1	4,2	4,3	4,4	4,5	4,4	4,5
Candidate of Science (pre-doctoral degree)	29,3	22,9	17,9	16,8	17,0	17,0	17,0	17,0	17,1	17,1	17,0
Staff engaged in R&D holding two or more jobs[2]	36,0	41,7	53,9	63,4	65,6	68,5	74,9	76,9	75,8	71,8	69,4
of whom with a scientific degree of											
Doctor of Science	2,9	4,2	5,5	6,1	6,4	6,9	7,4	7,5	7,5	7,5	7,5
Candidate of Science (pre-doctoral degree)	21,1	18,6	23,3	22,8	23,7	25,7	29,2	30,1	30,1	30,3	29,7

[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

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

(at current prices; mln. UAH)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**652,0**	**2046,3**	**3597,4**	**4251,7**	**5160,4**	**5164,4**	**6149,2**	**8024,8**	**7822,2**	**8995,9**
including on account of										
Central budget	244,9	614,5	1070,7	1449,5	1711,2	2017,4	2815,4	3909,8	3398,6	3704,3
own funds	14,6	61,3	228,5	275,9	338,5	462,7	521,1	592,5	629,4	872,0
customers' funds										
domestic	233,4	785,8	1321,5	1475,0	1680,1	1563,3	1725,7	2072,2	1870,8	1961,2
foreign	101,9	477,1	875,1	908,6	1258,0	1000,9	978,7	1254,9	1743,4	2315,9
other sources	57,2	107,6	101,6	142,7	172,6	120,1	108,3	195,4	180,0	142,5

15.4. Costs of R&D work performed on own account of organisations, by type[1]

(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

[1] Including wages and salaries, material and other current expenditures

15.5. Scientific staff with scientific degrees[1]

(persons)

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2005	2008	2009	2010	1995	2000	2005	2008	2009	2010
Total	**9759**	**10339**	**12014**	**13423**	**13866**	**14418**	**57610**	**58741**	**68291**	**77763**	**81169**	**84000**
of whom with the rank of academician	1224	1433	1554	1553	2499	2554	389	427	460	516	781	776
associate member of the Academy of Science	451	519	569	662	1062	1086	476	532	540	607	826	810
professor	5369	5193	6908	7815	9418	9434	877	894	1035	1171	1351	1348
senior lecturer	1373	1909	1935	2296	1843	2286	24602	22982	27233	30189	35409	34862
senior researcher	2198	2219	2194	2348	2122	2159	8037	6565	6146	6534	8009	7928

[1] In 1995 as of January 1, from 2000 as of October 1

15.6. Scientific staff with scientific degrees, by age[1]

(persons)

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2005	2008	2009	2010	1995	2000	2005	2008	2009	2010
Total	**9759**	**10339**	**12014**	**13423**	**13866**	**14418**	**57610**	**58741**	**68291**	**77763**	**81169**	**84000**
By age												
under 30 years old	1	2	—	—	2	3	1104	1815	3908	4891	6870	5884
31–40	270	232	220	350	463	529	11463	9305	12234	17118	19198	21752
41–50	1826	1698	1713	1823	2032	1977	17426	16654	16662	16659	17167	16969
51–55	1461	1658	1689	1843	1964	1925	8003	9365	9103	9681	9822	9869
56–60	2604	1639	2076	2280	2358	2295	12097	7398	8926	9408	9191	9081
61–70	2671	3778	4272	4129	4102	4099	6488	12201	14102	13938	13180	13013
71 and more	926	1332	2044	2998	2945	3590	1029	2003	3356	6068	5741	7432

[1] See the footnote for Table 15.5

15.7. Scientific staff with scientific degrees leaving Ukraine for other countries[1]

(persons)

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2005	2008	2009	2010	1995	2000	2005	2008	2009	2010
Total	**59**	**26**	**8**	**8**	**5**	**8**	**…**	**125**	**45**	**22**	**26**	**27**
of which to												
Israel	10	2	—	1	—	—	…	15	1	—	—	—
Canada	—	—	—	—	—	—	…	12	4	—	2	1
Germany	3	6	—	1	—	—	…	14	13	3	11	3
Russian Federation	20	3	3	1	—	3	…	31	4	5	5	3
USA	19	9	4	—	2	—	…	34	7	6	4	10
Other	7	6	1	5	3	5	…	19	16	8	4	10

[1] See the footnote for Table 15.5

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

	2007		2008		2009		2010	
	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises
Industry	**1472**	**14,2**	**1397**	**13,0**	**1411**	**12,8**	**1462**	**13,8**
Mining	33	5,9	36	5,9	35	5,5	40	6,5
mining of fuel and energy minerals	13	4,7	11	4,0	9	3,4	16	6,3
mining operations apart from fuel and energy minerals	20	7,0	25	7,5	26	7,1	24	6,6
Manufacturing	1379	15,7	1305	14,3	1316	14,0	1349	15,0
including production of foodstuffs, beverages and tobacco products	343	13,2	309	12,0	336	13,0	352	14,3
light industry	76	10,5	66	9,7	58	8,5	63	9,8
textile industry, sewing of clothes, fur and fur articles production	65	11,0	58	10,5	52	9,5	55	10,8
of leather, leather articles and other materials	11	8,3	8	6,2	6	4,6	8	6,1
wood working and production of wood products apart from furniture	48	11,3	44	9,5	45	8,8	43	8,4
cellulose and paper industry; printing	69	12,2	63	10,1	59	9,1	52	8,2
production of coke and refined petroleum products	16	33,3	16	34,0	16	34,0	15	33,3
chemical and petrochemical industry	146	21,6	156	20,0	166	20,5	158	19,9
production of chemicals	100	30,4	101	28,8	106	29,4	100	27,9
production of rubber and plastic products	46	13,2	55	12,9	60	13,3	58	13,3
production of other non-metallic mineral products	100	12,2	90	10,3	74	8,4	84	10,2
metallurgy and production of finished metal products	109	15,0	111	14,1	108	13,1	113	14,4
engineering	421	23,3	400	21,2	406	21,1	417	22,2
manufacture of machinery and equipment	189	20,0	174	17,8	181	18,4	181	19,0
manufacture of electrical, electronic and optical equipment	162	27,6	156	25,3	152	23,8	155	24,1
manufacture of transport vehicles and equipment	70	25,0	70	23,8	73	24,3	81	28,7
Production and distribution of electricity, gas and water	60	6,1	56	5,8	60	6,1	73	7,5

15.9. Total innovation costs in industry

(at current prices)

	2000		2005		2008		2009		2010	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
Total	**1760,1**	**100,0**	**5751,6**	**100,0**	**11994,2**	**100,0**	**7949,9**	**100,0**	**8045,5**	**100,0**
by purpose										
research and development	266,2	15,1	612,3	10,6	1243,6	10,4	846,7	10,7	996,4	12,4
internal R&D operations	×	×	×	×	958,8	8,0	633,3	8,0	818,5	10,2
external R&D operations	×	×	×	×	284,8	2,4	213,4	2,7	177,9	2,2
purchase of other external knowledge[1]	72,8	4,1	243,4	4,2	421,8	3,5	115,9	1,4	141,6	1,8
purchase of machines, equipment and software[1]	1074,5	61,0	3149,6	54,8	7664,8	63,9	4974,7	62,6	5051,7	62,8
other[2]	346,6	19,8	1746,3	30,4	2664,0	22,2	2012,6	25,3	1855,8	23,0

[1] See the methodology notes to Chapter
[2] Including marketing and advertising

15.10. Financing of innovation activity in industry

(at current prices)

	2000		2005		2008		2009		2010	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
Total	**1757,1**	**100,0**	**5751,6**	**100,0**	**11994,2**	**100,0**	**7949,9**	**100,0**	**8045,5**	**100,0**
including on account of										
Central budget	7,7	0,4	28,1	0,5	336,9	2,8	127,0	1,6	87,0	1,1
local budgets	1,8	0,1	14,9	0,3	15,8	0,1	7,4	0,1	5,7	0,1
own funds	1399,3	79,6	5045,4	87,7	7264,0	60,6	5169,4	65,0	4775,2	59,4
customers' funds										
domestic	49,4	2,8	79,6	1,4	169,5	1,4	31,0	0,4	31,0	0,4
foreign	133,1	7,6	157,9	2,7	115,4	1,0	1512,9	19,0	2411,4	30,0
other sources	165,8	9,5	425,7	7,4	4092,6	34,1	1102,2	13,9	735,2	9,0

15.11. Industrial enterprises that introduced innovations

	2000		2005		2008		2009		2010	
	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	percentage of total enterprises that introduced innovations
Total	**1491**	×	**810**	×	**1160**	×	**1180**	×	**1217**	×
installing new technological processes	416	27,9	402	49,6	515	44,4	452	38,3	522	42,9
including low-waste, resource saving, and waste-free	172	11,5	208	25,7	280	24,1	215	18,2	203	16,7
introducing innovations products[1]	1372	92,0	630	77,8	667	57,5	614	52,0	615	50,5
of which new types of equipment	202	13,5	156	19,3	201	17,3	188	15,9	194	15,9
Sold innovation products[2]	1352	×	1022	×	993	×	994	×	964	×

[1] Before 2003, new types of products
[2] Before 2003, shipped innovation products

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

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
New technological processes introduced	2936	1403	1482	1727	1808	1145	1419	1647	1893	2043
including low-waste, resource saving and waste-free	1044	430	606	645	690	424	634	680	753	479
Introducing innovations products[1], items	11472	15323	7416	3978	3152	2408	2526	2446	2685	2408
of which new equipment	1000	631	710	769	657	786	881	758	641	663

[1] See the first footnote for Table 15.11

15.13. Amount of innovation products sold

(at current prices; mln. UAH)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**12148,3**	**12882,1**	**18784,0**	**24995,4**	**30892,7**	**40188,0**	**45830,2**	**31432,3**	**33697,6**
including substantially new products[1]	3813,6	5640,9	9542,3	10755,4	18194,9	22305,8	14688,7	8511,5	10995,1
Exports as part of the total shipment	3023,6	4776,2	7984,4	12494,8	12797,0	14666,6	23633,1	13200,9	13713,0

[1] Since 2007, products that are new for the market

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.

Persons **under the working age** are children under 16 (from 0 to 15 years old inclusively).

Persons of **working ages** are men 16–59 years old and women aged 16–54 years old inclusively.

Persons **above the working age** are men 60 years old and older and women 55 years old and older.

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 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 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 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 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 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.

16.1. Population[1]

	1991	1996	2001	2002[1]	2003	2004	2005	2006	2007	2008	2009	2010	2011
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**
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
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
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
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
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**
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
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
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
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

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

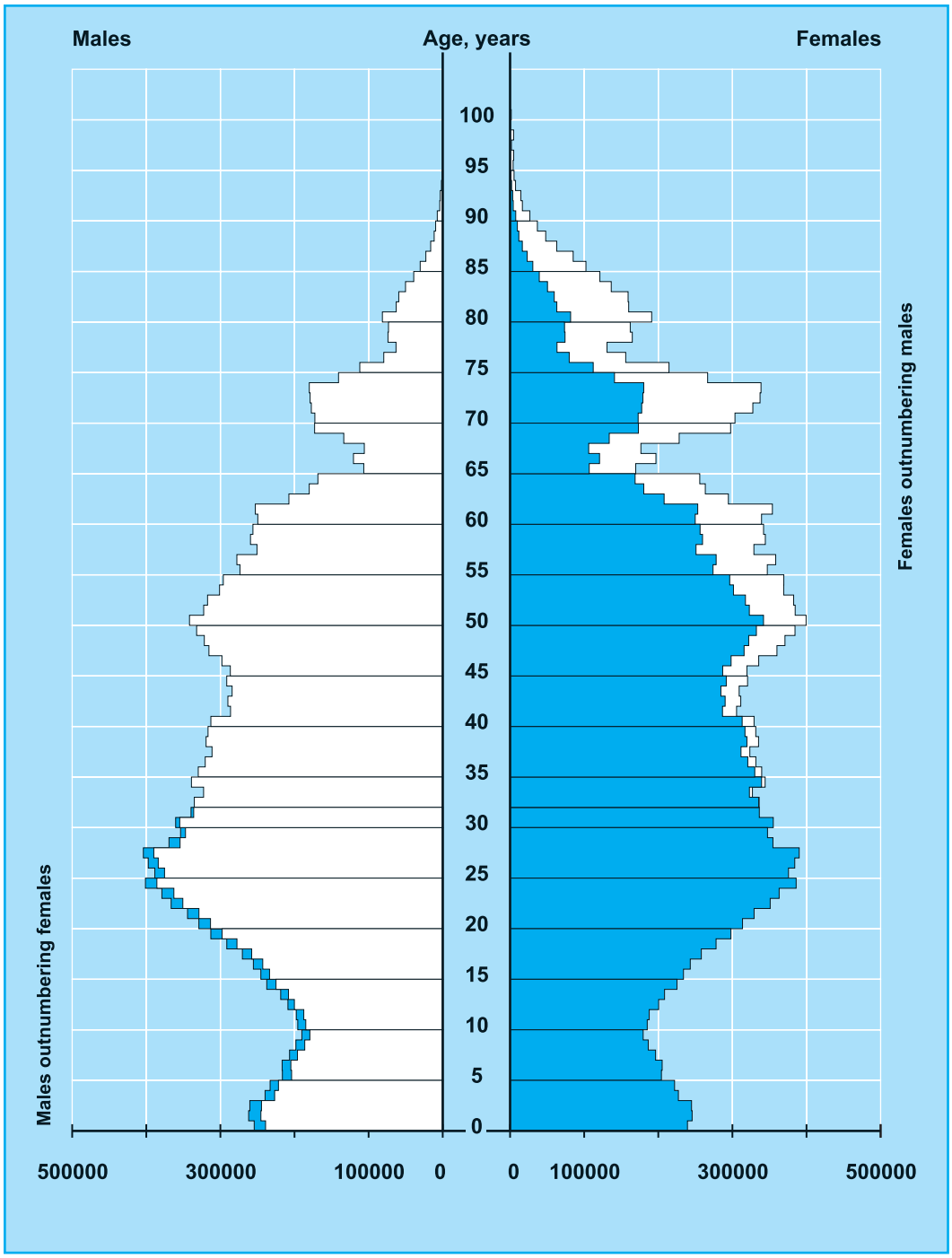
16.2. Present population since 1913[1]

	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

[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, 2011; persons)



16.4. Resident population, by sex and region

(persons)

	2002[1]		2011[1]		Males per 1000 females	
	males	females	males	females	2002[1]	2011[1]
Ukraine	**22316317**	**25924585**	**21032616**	**24565563**	**861**	**856**
Autonomous Republic of Crimea	931439	1092617	894845	1059914	852	844
oblasts						
Vinnytsya	804747	959197	749445	884671	839	847
Volyn	497646	559568	485873	548548	889	886
Dnipropetrovsk	1638504	1922720	1521383	1811812	852	840
Donetsk	2210403	2615160	2004817	2415309	845	830
Zhytomyr	644360	744933	592429	687348	865	862
Zakarpattya	604150	650464	596120	648397	929	919
Zaporizhzhya	884153	1042657	820762	979764	848	838
Ivano-Frankivsk	663275	742854	648726	728314	893	891
Kyiv	841463	979598	789685	922185	859	856
Kirovohrad	516610	609094	459048	544524	848	843
Luhansk	1167914	1372277	1044356	1242318	851	841
Lviv	1234896	1371060	1194224	1332154	901	896
Mykolayiv	586770	676129	545504	637063	868	856
Odesa	1148820	1306846	1112888	1264722	879	880
Poltava	742204	879003	677966	801947	844	845
Rivne	554413	617032	544787	606679	899	898
Sumy	592005	704758	528802	630550	840	839
Ternopil	527953	610547	502172	578704	865	868
Kharkiv	1328884	1566929	1258625	1480847	848	850
Kherson	546638	626051	503024	583781	873	862
Khmelnytskiy	657285	769364	611626	712137	854	859
Cherkasy	635822	762491	584416	697339	834	838
Chernivtsi	430047	488981	422162	479050	879	881
Chernihiv	560445	675620	492770	596897	830	826
cities						
Kyiv	1193356	1373597	1273526	1484366	869	858
Sevastopol[2]	172115	205038	172635	206223	839	837

[1] For 2002, data of the Census as of December 5, 2001; for 2011, as of January 1
[2] Including the town of Inherman, Kacha township and village councils that subordinate to city council

16.5. Resident population, by age group

(as of January 1, 2011)

	Total population, persons			Share of total population, percent		
	total	urban	rural	total	urban	rural
Total population	**45598179**	**31186018**	**14412161**	**100,0**	**100,0**	**100,0**
of which by age, years						
under 1	494011	324517	169494	1,1	1,0	1,2
1–4	1935552	1290197	645355	4,2	4,1	4,5
5–9	2001136	1316550	684586	4,4	4,2	4,7
10–14	2065291	1260281	805010	4,5	4,0	5,6
15–19	2688092	1780462	907630	5,9	5,7	6,3
20–24	3564355	2471229	1093126	7,8	7,9	7,6
25–29	3766372	2791968	974404	8,3	9,0	6,8
30–34	3397113	2451868	945245	7,5	7,9	6,6
35–39	3260621	2290607	970014	7,2	7,4	6,7
40–44	3041855	2082288	959567	6,7	6,7	6,6
45–49	3325855	2317607	1008248	7,3	7,4	7,0
50–54	3485581	2163241	1022340	7,6	7,9	7,1
55–59	3039914	2180808	859106	6,7	7,0	6,0
60–64	2567210	1839228	727982	5,6	5,9	5,0
65–69	1709185	1107092	602093	3,7	3,6	4,2
70 and older	5256036	3218075	2037961	11,5	10,3	14,1
Of total population						
younger than working age	6975669	4489857	2485812	15,3	14,4	17,2
working age	27369086	19271309	8097777	60,0	61,8	56,2
older than working age	11253424	7424852	3828572	24,7	23,8	26,6

16.6. Resident population, by main age group and region

(as of January 1, 2011)

	Total population, persons	Of which			Share of total population, percent		
		younger than working age	working age	older than working age	older than working age	working age	older than working age
Ukraine	**45598179**	**6975669**	**27369086**	**11253424**	**15,3**	**60,0**	**24,7**
Autonomous Republic of Crimea	1954759	296508	1178572	479679	15,2	60,3	24,5
oblasts							
Vinnytsya	1634116	262177	941943	429996	16,0	57,7	26,3
Volyn	1034421	206190	613464	214767	19,9	59,3	20,8
Dnipropetrovsk	3333195	485519	2005725	841951	14,6	60,2	25,2
Donetsk	4420126	580206	2645742	1194178	13,1	59,9	27,0
Zhytomyr	1279777	215707	743944	320126	16,9	58,1	25,0
Zakarpattya	1244517	250457	756909	237151	20,1	60,8	19,1
Zaporizhzhya	1800526	252983	1082339	465204	14,1	60,1	25,8
Ivano-Frankivsk	1377040	248558	828497	299985	18,0	60,2	21,8
Kyiv	1711870	266249	1024100	421521	15,6	59,8	24,6
Kirovohrad	1003572	152609	582333	268630	15,2	58,0	26,8
Luhansk	2286674	293356	1386521	606797	12,8	60,6	26,6
Lviv	2526378	425047	1535120	566211	16,8	60,8	22,4
Mykolayiv	1182567	183220	712901	286446	15,5	60,3	24,2
Odesa	2377610	380227	1437090	560293	16,0	60,4	23,6
Poltava	1479913	208989	874736	396188	14,1	59,1	26,8
Rivne	1151466	238318	684270	228878	20,7	59,4	19,9
Sumy	1159352	157824	691264	310264	13,6	59,6	26,8
Ternopil	1080876	183452	640273	257151	17,0	59,2	23,8
Kharkiv	2739472	360098	1683397	695977	13,1	61,5	25,4
Kherson	1086805	173791	653131	259883	16,0	60,1	23,9
Khmelnytskiy	1323763	213420	770294	340049	16,1	58,2	25,7
Cherkasy	1281755	185605	745201	350949	14,5	58,1	27,4
Chernivtsi	901212	161353	540893	198966	17,9	60,0	22,1
Chernihiv	1089667	149390	623558	316719	13,7	57,2	29,1
cities							
Kyiv	2757892	390868	1759834	607190	14,2	63,8	22,0
Sevastopol[1]	378858	53548	227035	98275	14,1	59,9	26,0

[1] See the second footnote to Table 16.4

16.7. Cities and towns with over 50 thsd. present population[1]

(thsd.)

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

Table 16.7 continued

	1989	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Makiyivka	425	390	384	380	376	373	370	367	364	361	358
Mariupol	519	492	488	484	482	480	478	475	472	469	467
Melitopol	173	161	160	159	159	159	159	158	158	158	157
Mykolayiv	524	514	512	510	509	508	507	506	504	501	499
Mukacheve	85	82	82	82	82	83	83	83	83	84	84
Nizhyn	81	77	76	76	76	75	75	75	75	74	74
Nikopol	158	136	135	133	132	130	129	128	126	124	122
Novovolynsk	55	54	53	53	53	53	53	53	53	53	53
Novohrad-Volynskyi	55	56	56	56	56	56	56	56	56	56	56
Novomoskovsk (Dnipropetrovsk oblast)	76	72	72	72	71	70	70	69	70	70	70
Odesa	1115	1029	1021	1013	1007	1002	1001	1006	1009	1010	1009
Oleksandriya	103	93	92	91	89	87	86	85	84	83	83
Pavlohrad	131	119	117	115	114	113	112	111	111	111	111
Pervomaysk (Mykolayiv oblast)	81	70	69	68	68	68	68	67	67	67	67
Poltava	315	318	315	312	310	309	306	304	302	301	299
Pryluky	72	65	64	63	62	61	61	60	59	59	59
Rivne	228	249	248	248	248	248	248	248	249	250	250
Rubizhne	74	65	64	64	63	63	63	62	62	62	61
Sverdlovsk (Lugansk oblast)	83	73	71	71	70	69	68	67	67	66	66
Sevastopol	356	342	341	341	340	340	340	340	340	340	340
Syeverodonetsk	131	120	119	117	116	115	115	113	112	111	111
Simferopol	345	344	344	343	342	341	340	338	337	337	336
Slovyansk	135	125	124	123	122	121	121	121	120	119	119
Smila	79	70	69	69	69	69	69	69	69	69	69
Snizhne	69	58	57	55	54	53	52	51	50	50	50
Stakhanov	112	90	88	86	84	83	82	81	80	80	79
Stryi	67	62	62	62	62	61	61	61	60	60	60
Sumy	291	293	289	285	282	280	278	276	274	272	271
Ternopil	206	228	226	224	221	219	218	217	217	218	217
Torez	88	72	70	68	66	65	63	62	61	60	59
Uzhhorod	117	117	117	117	117	117	116	116	116	116	116
Uman	91	89	88	88	88	88	88	88	88	88	87
Feodosiya	84	75	74	73	72	72	72	71	71	70	70
Kharkiv	1610	1471	1466	1464	1465	1463	1461	1458	1456	1452	1447
Khartsyzk	68	64	63	63	62	62	61	61	61	60	60
Kherson	355	328	326	323	319	316	312	309	307	305	303
Khmelnytskyi	237	254	254	254	256	257	258	259	260	261	263
Chervonograd	72	71	70	70	69	69	69	69	69	68	68
Cherkasy	290	295	294	293	293	292	291	290	289	288	287
Chernivtsi	257	241	241	242	242	243	245	247	250	252	254
Chernihiv	298	305	304	302	300	300	299	298	298	297	297
Shakhtarsk	74	60	58	57	56	55	54	53	53	52	52
Shostka (Sumy oblast)	93	87	86	85	84	83	83	82	81	81	80
Yalta	89	82	81	80	80	80	79	79	79	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 boarders as of the beginning of 2010

16.8. Pensioners[1]

(as of January 1)

	1991	1996	2001	2004	2005	2006	2007	2008	2009	2010	2011
Total pensioners, thsd.	**13084**	**14487**	**14447**	**14348**	**14065**	**14050**	**13937**	**13819[2]**	**13750[2]**	**13721[2]**	**13738[2]**
of which											
retired by age	9713	10615	10299	10304	10363	10596	10576	10591	10558	10569	10587
retired due to disability	1313	1814	2015	1977	1791	1605	1597	1571	1537	1500	1491
survivors who lost their benefactor	1209	1195	1150	1077	923	852	840	822	838	850	847
entitled to pension for long service	…	429	552	592	599	627	640	621	627	630	654
entitled to welfare pensions	318	434	431	398	389	370	284	213	189	172	158
Proportion of pensioners per 1000 population	253	284	295	302	299	301	300	299	299	300	301

[1] As of January 1, 2011, there were 4278,0 thsd. pensioners who lived in rural areas, which amounted to 31,1% of those registered at the Pension Fund bodies

[2] Including judges in resignation which receive the lifelong monetary maintenance

16.9. Pensioners, by region

(as of January 1, 2011)

	Total, persons	Including						Per 1000 population
		old age pensions	disability pensions	survivors' pensions	long service pensions	welfare pensions	the lifelong monetary maintenance	
Ukraine	**13737959**	**10587451**	**1490737**	**847334**	**653733**	**157608**	**1096**	**301**
Autonomous Republic of Crimea	557332	422917	68106	28158	31986	6112	53	285
oblasts								
Vinnytsya	522240	403285	61708	27127	24138	5949	33	320
Volyn	286843	207350	42568	20709	12866	3337	13	277
Dnipropetrovsk	1033394	833027	78269	67807	43853	10358	80	310
Donetsk	1429095	1102474	142263	128657	41174	14396	131	323
Zhytomyr	418162	305851	55328	28514	23575	4866	28	327
Zakarpattya	294365	218897	35947	18472	13047	7987	15	237
Zaporizhzhya	554632	443785	51515	29071	23753	6443	65	308
Ivano-Frankivsk	372186	281326	51013	20503	12150	7167	27	270
Kyiv	563100	444032	60581	27314	24920	6230	23	329
Kirovohrad	316260	248505	30260	18301	15026	4141	27	315
Luhansk	749231	581758	63096	73480	24286	6539	72	328
Lviv	712557	532156	99005	44325	29251	7781	39	282
Mykolayiv	346596	266336	32809	23031	20802	3585	33	293
Odesa	655782	486904	82321	37483	40988	8018	68	276
Poltava	475727	372275	48855	24833	25281	4442	41	321
Rivne	313627	239515	39487	18511	11771	4323	20	272
Sumy	370705	295977	32063	19630	19119	3886	30	320
Ternopil	311694	248929	33586	15142	10184	3832	21	288
Kharkiv	812443	636457	83830	39443	43857	8799	57	297
Kherson	312871	247876	28854	17883	14529	3710	19	288
Khmelnytskiy	428587	314038	62495	25347	21708	4963	36	324
Cherkasy	428074	333805	50804	20747	17481	5211	26	334
Chernivtsi	240311	187230	28033	11042	10304	3683	19	267
Chernihiv	380734	288317	48749	21052	18943	3639	34	349
cities								
Kyiv	731978	560365	70001	33091	61011	7431	79	265
Sevastopol	119433	84064	9191	7661	17730	780	7	315

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

(per 1000 present population)

	Births	Deaths	Natural increase 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

16.11. Births, deaths and natural population increase

(thsd.)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010
Births												
total	657,2	492,9	385,1	390,7	408,6	427,3	426,1	460,4	472,7	510,6	512,5	497,7
in urban areas	442,8	308,4	238,0	248,9	266,4	284,4	284,3	306,7	314,1	340,6	339,5	326,6
in rural areas	214,4	184,5	147,1	141,8	142,2	142,9	141,8	153,7	158,6	170,0	173,0	171,1
Deaths												
total	629,6	792,6	758,1	754,9	765,4	761,3	782,0	758,1	762,9	754,5	706,7	698,2
in urban areas	357,1	476,4	457,1	454,4	459,9	460,5	471,6	461,8	466,3	462,9	432,3	431,1
in rural areas	272,5	316,2	301,0	300,5	305,5	300,8	310,4	296,3	296,6	291,6	274,4	267,1
Natural increase in population												
total	27,6	–299,7	–373,0	–364,2	–356,8	–334,0	–355,9	–297,7	–290,2	–243,9	–194,2	–200,5
in urban areas	85,7	–168,0	–219,1	–205,5	–193,5	–176,1	–187,3	–155,1	–152,2	–122,3	–92,8	–104,5
in rural areas	–58,1	–131,7	–153,9	–158,7	–163,3	–157,9	–168,6	–142,6	–138,0	–121,6	–101,4	–96,0

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

(per 1000 present population)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Births													
total	12,6	9,6	7,8	7,7	8,1	8,5	9,0	9,0	9,8	10,2	11,0	11,1	10,8
in urban areas	12,7	8,8	7,2	7,2	7,7	8,3	8,9	8,9	9,6	9,9	10,8	10,8	10,4
in rural areas	12,7	11,1	9,2	8,7	9,0	9,1	9,3	9,4	10,3	10,7	11,6	11,9	11,9
Deaths													
total	12,1	15,4	15,4	15,3	15,7	16,0	16,0	16,6	16,2	16,4	16,3	15,3	15,2
in urban areas	10,2	13,6	13,8	13,8	14,0	14,3	14,4	14,8	14,5	14,7	14,6	13,7	13,7
in rural areas	16,1	19,1	18,8	18,6	19,1	19,6	19,6	20,5	19,8	20,1	19,9	18,9	18,6
Natural increase in population													
total	0,5	–5,8	–7,6	–7,6	–7,6	–7,5	–7,0	–7,6	–6,4	–6,2	–5,3	–4,2	–4,4
in urban areas	2,5	–4,8	–6,6	–6,6	–6,3	–6,0	–5,5	–5,9	–4,9	–4,8	–3,8	–2,9	–3,3
in rural areas	–3,4	–8,0	–9,6	–9,9	–10,1	–10,5	–10,3	–11,1	–9,5	–9,4	–8,3	–7,0	–6,7

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

16.14. Birth rates, by age group

(per 1000 females of the respective age group)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Females aged 15–49 including	53,3	38,9	30,6	30,0	31,2	32,7	34,3	34,4	37,5	38,8	42,4	43,1	42,5
younger than 20	59,1	55,1	32,1	29,2	29,2	29,0	29,6	28,6	29,5	30,3	32,0	31,2	28,8
20–24	161,7	119,1	94,9	90,7	91,3	92,3	93,4	88,8	92,2	92,2	97,5	94,8	90,1
25–29	87,7	65,7	57,8	58,7	62,7	67,1	70,6	71,7	79,4	81,3	87,8	89,0	87,9
30–34	41,6	27,5	26,5	27,6	30,2	33,0	35,4	37,7	42,7	45,4	51,1	54,1	55,1
35–39	15,1	9,9	8,7	9,0	9,8	10,9	12,2	13,3	15,5	16,8	19,7	21,5	22,3
40–44	3,4	2,1	1,9	1,9	1,9	2,0	2,2	2,3	2,5	2,9	3,3	3,8	4,2
45–49	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,2	0,2	0,2
Total fertility rate[1]	1,844	1,397	1,110	1,085	1,126	1,172	1,218	1,213	1,310	1,345	1,458	1,460	1,445

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

16.15. Birth, death and natural population increase rates in 2010, by region

(per 1000 present population)

	Births			Deaths			Natural increase in population		
	total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas
Ukraine	**10,8**	**10,4**	**11,9**	**15,2**	**13,7**	**18,6**	**–4,4**	**–3,3**	**–6,7**
Autonomous Republic of Crimea	11,8	11,0	13,3	14,5	14,6	14,4	–2,7	–3,6	–1,1
oblasts									
Vinnytsya	10,6	11,0	10,3	16,1	11,6	20,6	–5,5	–0,6	–10,3
Volyn	14,3	13,4	15,3	13,9	11,0	16,9	0,4	2,4	–1,6
Dnipropetrovsk	10,6	10,4	11,7	16,3	15,6	19,9	–5,7	–5,2	–8,2
Donetsk	9,3	9,2	10,0	16,6	16,3	19,9	–7,3	–7,1	–9,9
Zhytomyr	11,4	11,4	11,5	16,6	13,1	21,2	–5,2	–1,7	–9,7
Zakarpattya	14,7	14,5	14,8	12,0	11,6	12,2	2,7	2,9	2,6
Zaporizhzhya	10,0	9,7	11,0	15,8	14,7	19,3	–5,8	–5,0	–8,3
Ivano-Frankivsk	11,8	10,5	12,9	12,7	9,8	14,9	–0,9	0,7	–2,0
Kyiv	11,5	11,7	11,2	16,5	12,7	22,6	–5,0	–1,0	–11,4
Kirovohrad	10,4	10,0	11,0	17,4	15,7	20,2	–7,0	–5,7	–9,2
Luhansk	9,1	9,1	9,4	16,9	16,5	19,7	–7,8	–7,4	–10,3
Lviv	11,2	10,6	12,3	12,8	10,8	16,0	–1,6	–0,2	–3,7
Mykolayiv	10,8	9,9	12,8	15,8	14,7	17,9	–5,0	–4,8	–5,1
Odesa	12,0	10,7	14,7	15,1	13,6	18,2	–3,1	–2,9	–3,5
Poltava	9,5	9,2	10,0	17,5	14,6	22,0	–8,0	–5,4	–12,0
Rivne	14,8	12,9	16,6	13,0	10,1	15,7	1,8	2,8	0,9
Sumy	8,9	9,1	8,5	17,3	14,5	23,0	–8,4	–5,4	–14,5
Ternopil	10,9	11,2	10,7	14,4	9,9	17,8	–3,5	1,3	–7,1
Kharkiv	9,5	9,3	10,3	15,2	14,1	19,8	–5,7	–4,8	–9,5
Kherson	11,4	10,9	12,1	15,1	14,9	15,3	–3,7	–4,0	–3,2
Khmelnytskiy	10,8	11,5	10,0	15,7	10,6	21,8	–4,9	0,9	–11,8
Cherkasy	9,7	9,8	9,5	16,9	13,1	21,7	–7,2	–3,3	–12,2
Chernivtsi	12,2	10,9	13,2	13,0	10,7	14,7	–0,8	0,2	–1,5
Chernihiv	9,1	9,5	8,5	19,6	14,4	28,3	–10,5	–4,9	–19,8
cities									
Kyiv	11,5	11,5	×	10,3	10,3	×	1,2	1,2	×
Sevastopol[1]	11,0	10,9	12,1	14,7	14,8	12,6	–3,7	–3,9	–0,5

[1] See the second footnote to Table 16.4

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
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**
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
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

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

(persons)

	1990		2009		2010	
	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	512525	108610	497689	108785
of which						
first child birth	343584	41705	271972	59465	252882	56565
second child birth	229561	18012	176302	31251	175630	32188
third child birth	54195	7841	43455	11266	46254	12278
fourth child birth	15170	3085	11466	3776	12842	4467
fifth and subsequent	14550	2787	9252	2793	9992	3218
order unknown	142	75	78	59	89	69
			In urban areas			
Total births	442869	46601	339497	70136	326587	68794
of which						
first child birth	249743	29067	191323	40889	177188	38464
second child birth	155129	11535	117882	20515	116828	20665
third child birth	26768	3815	22265	5921	23731	6402
fourth child birth	5890	1183	4738	1666	5333	1954
fifth and subsequent	5218	930	3226	1096	3427	1254
order unknown	121	71	63	49	80	64
			In rural areas			
Total births	214333	26904	173028	38474	171102	39991
of which						
first child birth	93841	12638	80649	18576	75694	18101
second child birth	74432	6477	58420	10736	58802	11523
third child birth	27427	4026	21190	5345	22523	5876
fourth child birth	9280	1902	6728	2110	7509	2513
fifth and subsequent	9332	1857	6026	1697	6565	1973
order unknown	21	4	15	10	9	5

16.18. Death rates, by age group

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

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total deaths	**1220,4**	**1551,4**	**1550,6**	**1573,2**	**1606,9**	**1610,4**	**1666,4**	**1626,5**	**1646,7**	**1637,4**	**1540,6**	**1528,2**
of which those aged												
0–4	310,7	344,4	291,0	268,6	266,7	264,7	273,9	270,3	296,3	271,1	245,7	229,4
5–9	45,4	47,6	37,7	38,3	35,9	35,5	38,7	34,1	36,3	30,7	25,4	24,7
10–14	40,5	41,5	38,2	35,5	31,1	32,4	31,8	30,8	32,0	28,1	28,3	27,9
15–19	87,4	109,3	91,4	82,4	80,7	74,1	77,3	76,7	82,4	72,3	63,4	63,0
20–24	144,9	186,8	178,8	175,0	158,3	149,3	148,6	142,9	154,2	144,3	124,1	114,7
25–29	165,7	253,3	244,3	252,8	257,6	260,7	269,4	256,3	270,3	256,4	211,6	188,9
30–34	218,9	343,5	336,8	354,7	357,3	374,3	397,1	387,6	427,6	427,6	346,5	310,1
35–39	303,5	482,4	463,1	479,2	489,2	525,5	549,3	512,8	552,4	552,3	443,2	404,6
40–44	432,9	716,5	659,2	673,9	671,4	724,9	753,0	704,2	754,7	745,9	598,2	535,4
45–49	689,5	996,7	945,9	947,3	952,2	1004,3	1026,1	950,6	995,2	969,6	789,8	709,1
50–54	969,9	1435,1	1278,2	1326,1	1352,3	1388,4	1421,2	1313,5	1341,9	1325,0	1101,7	997,4
55–59	1408,2	1888,6	1780,5	1790,4	1763,8	1809,3	1882,1	1783,8	1791,4	1787,5	1549,7	1448,3
60–64	2014,9	2639,1	2483,7	2528,8	2535,6	2562,0	2649,8	2481,8	2437,7	2347,5	2167,0	2096,7
65–69	2843,7	3613,2	3532,0	3422,2	3430,6	3452,4	3517,8	3411,3	3375,0	3294,6	3133,6	3084,4
70 and older	8606,4	9533,9	8637,3	8453,6	8739,8	8576,9	8831,2	8681,6	8484,0	8311,2	8090,6	8196,3

16.19. Death rates, by major causes of death

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

16.20. Death rates by major causes of death in 2010, 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	**1522,2**	**31,9**	**193,5**	**1013,9**	**42,5**	**58,5**	**95,8**
Autonomous Republic of Crimea	1449,5	42,6	175,7	1001,9	27,9	51,6	103,7
oblasts							
Vinnytsya	1611,8	14,4	186,1	1187,7	33,6	44,4	88,1
Volyn	1385,1	25,3	141,6	931,4	79,1	57,4	87,5
Dnipropetrovsk	1630,1	60,0	201,8	1099,5	42,1	75,6	104,9
Donetsk	1661,1	49,8	229,1	1086,3	35,1	76,0	111,9
Zhytomyr	1655,2	20,7	179,7	1178,5	51,1	45,7	108,3
Zakarpattya	1199,5	29,7	144,1	669,5	29,5	60,3	72,9
Zaporizhzhya	1580,6	30,4	250,1	992,2	40,0	49,2	103,7
Ivano-Frankivsk	1269,4	16,7	157,0	874,8	28,6	42,5	60,7
Kyiv	1651,8	27,2	216,4	1182,6	28,1	57,1	101,2
Kirovohrad	1741,0	42,6	224,4	1083,4	48,8	52,9	134,1
Luhansk	1691,2	32,4	206,3	1110,7	65,8	91,7	109,7
Lviv	1281,6	22,8	158,2	832,4	40,3	45,4	67,0
Mykolayiv	1576,2	55,0	204,0	942,8	27,5	71,1	111,3
Odesa	1512,4	57,2	200,4	966,1	37,1	74,7	112,4
Poltava	1748,3	23,0	210,9	1110,4	85,5	56,1	113,8
Rivne	1301,7	15,5	156,7	946,2	22,8	42,1	77,3
Sumy	1726,4	21,9	215,1	1103,8	66,1	48,9	109,3
Ternopil	1437,3	13,2	175,2	1026,9	71,5	35,6	60,6
Kharkiv	1524,4	18,4	189,3	1095,9	24,1	50,5	95,8
Kherson	1506,4	36,4	182,9	891,5	23,8	54,3	112,2
Khmelnytskiy	1566,5	18,5	194,2	924,1	60,0	55,5	86,8
Cherkasy	1691,1	18,3	180,2	1178,2	93,0	62,5	95,2
Chernivtsi	1300,5	15,7	170,7	939,4	38,5	32,0	69,3
Chernihiv	1960,5	26,4	188,7	1454,6	60,1	45,0	124,6
cities							
Kyiv	1025,2	19,8	177,1	661,9	19,1	49,5	55,0
Sevastopol[1]	1469,9	34,7	261,4	844,6	41,8	93,3	107,7

[1] See the second footnote to Table 16.4

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
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**
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
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

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

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

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
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**
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
oblasts													
Vinnytsya	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
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
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
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
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
Zakarpattya	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
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
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
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
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
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
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
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
Odesa	13,6	16,5	13,7	12,9	9,7	10,6	10,5	10,7	11,1	11,6	9,9	9,7	9,2
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
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
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
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
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
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
Khmelnytskiy	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
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
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
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
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
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

[1] See the second footnote to Table 16.4

16.24. Deaths due to some external causes of deaths

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

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

16.26. Marriages and divorces

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total registered marriages													
thsd.	482,8	431,7	274,5	309,6	317,2	371,0	278,2	332,1	355,0	416,4	322,0	318,2	305,9
per 1000 present population	9,3	8,4	5,6	6,4	6,6	7,8	5,9	7,1	7,6	9,0	7,0	6,9	6,7
Total registered divorces													
thsd.	192,8	198,3	197,3	181,3	183,5	177,2	173,2	183,5	179,1	178,4	166,8	145,4	126,1[1]
per 1000 present population	3,7	3,8	4,0	3,7	3,8	3,7	3,6	3,9	3,8	3,8	3,6	3,2	2,7[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)

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

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Males											
Total	482753	431731	274523	370966	278225	332143	354959	416427	321992	318198	305933
of which											
never married before	364619	322143	201178	278710	207068	247888	268947	318234	242285	239498	231972
widowers	14293	10956	7859	8527	7112	7754	7129	7227	6089	5747	5046
divorced	103694	98632	65486	83729	64045	76501	78883	90966	73618	72953	68915
status unknown	147	—	—	—	—	—	—	—	—	—	—
Females											
Total	482753	431731	274523	370966	278225	332143	354959	416427	321992	318198	305933
of which											
never married before	372794	328072	204277	283488	210707	251476	272776	321779	244190	242123	234320
widows	17716	13704	10197	11809	9514	10824	10391	11238	9277	8510	7486
divorced	92037	89955	60049	75669	58004	69843	71792	83410	68525	67565	64127
status unknown	206	—	—	—	—	—	—	—	—	—	—

16.28. Divorces by the number of children in common under 18 in 2010

	Total divorces, units[1]	Of which by number of children in common				
		without children in common	with children in common			
			one	two	three and more	
					number of divorces	in which number of children
Total	**126068**	**59355**	**54544**	**10803**	**1366**	**4468**
in urban areas	98568	48583	42475	6867	643	2083
in rural areas	27500	10772	12069	3936	723	2385

[1] See the footnote to Table 16.26

16.29. Divorces, by duration of marriage

	Total divorces	Of which by duration of marriage, years					
		under 1	1–4	5–9	10–14	15–19	20 and more
				Thsd.			
1990	192,8	8,6	63,1	48,9	29,4	18,5	24,3
1995	198,3	10,5	63,3	54,0	30,1	19,1	21,3
2000	197,3	6,4	46,3	53,0	35,3	22,5	33,8
2001	181,3	5,0	41,7	48,3	33,3	21,4	31,6
2002	183,5	5,2	42,5	49,1	34,8	22,2	29,7
2003	177,2	4,7	41,2	46,3	33,8	21,6	29,6
2004	173,2	5,3	40,5	43,3	32,8	21,2	30,1
2005	183,5	4,7	44,8	45,6	34,7	23,0	30,7
2006	179,1	5,4	44,2	42,9	33,0	23,0	30,6
2007	178,4	5,7	45,7	42,2	30,6	22,5	31,7
2008	166,8	6,3	45,5	39,2	26,9	20,0	28,9
2009	145,4	4,6	44,1	34,9	21,7	16,2	23,9
2010	126,1[1]	4,0	39,9	29,9	17,5	13,4	21,4
				Percent of total divorces			
1990	100,0	4,5	32,7	25,3	15,3	9,6	12,6
1995	100,0	5,3	31,9	27,2	15,2	9,6	10,8
2000	100,0	3,2	23,5	26,9	17,9	11,4	17,1
2001	100,0	2,8	23,0	26,6	18,4	11,8	17,4
2002	100,0	2,8	23,2	26,8	18,9	12,1	16,2
2003	100,0	2,7	23,3	26,1	19,0	12,2	16,7
2004	100,0	3,1	23,4	25,0	18,9	12,2	17,4
2005	100,0	2,6	24,4	24,8	18,9	12,6	16,7
2006	100,0	3,0	24,7	24,0	18,4	12,8	17,1
2007	100,0	3,2	25,6	23,6	17,2	12,6	17,8
2008	100,0	3,8	27,3	23,5	16,1	12,0	17,3
2009	100,0	3,1	30,3	24,0	15,0	11,2	16,4
2010	100,0	3,1	31,7	23,7	13,9	10,6	17,0

[1] See the footnote to Table 16.26

16.30. Population migration in 2010

	Persons			Per 10 thsd. present population		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
Total migration	**683449**	**667316**	**16133**	**149,0**	**145,5**	**3,5**
within Ukraine	652639	652639	×	142.3	142.3	×
within individual regions	394954	394954	×	86,1	86,1	×
interregional migration	257685	257685	×	56,2	56,2	×
international migration	30810	14677	16133	6,7	3,2	3,5

16.31. Population migration in 2010, by region

	International migration			Interregional migration		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
	Persons					
Ukraine	**30810**	**14677**	**16133**	**257685**	**257685**	×
Autonomous Republic of Crimea	3240	934	2306	9693	8553	1140
oblasts						
Vinnytsya	1113	471	642	9458	10487	–1029
Volyn	479	372	107	5153	5262	–109
Dnipropetrovsk	2071	1024	1047	13437	14512	–1075
Donetsk	2852	1793	1059	12518	14648	–2130
Zhytomyr	645	324	321	7850	8463	–613
Zakarpattya	302	362	–60	2498	3270	–772
Zaporizhzhya	1333	618	715	7350	7879	–529
Ivano-Frankivsk	567	426	141	5680	5593	87
Kyiv	816	252	564	19547	15557	3990
Kirovohrad	605	256	349	7348	8371	–1023
Luhansk	1430	1203	227	6849	9470	–2621
Lviv	516	574	–58	8343	9161	–818
Mykolayiv	737	364	373	6130	6868	–738
Odesa	3603	681	2922	10652	8472	2180
Poltava	726	309	417	8719	9089	–370
Rivne	196	273	–77	6316	7414	–1098
Sumy	479	321	158	6015	7160	–1145
Ternopil	409	332	77	4888	5959	–1071
Kharkiv	1465	848	617	17297	16075	1222
Kherson	491	267	224	5821	7195	–1374
Khmelnytskiy	529	321	208	8548	9359	–811
Cherkasy	617	318	299	9572	10347	–775
Chernivtsi	596	233	363	3754	3482	272
Chernihiv	720	357	363	7223	7571	–348
cities						
Kyiv	3448	1203	2245	43144	34778	8366
Sevastopol[1]	825	241	584	3882	2690	1192

Table 16.31 continued

	International migration			Interregional migration		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
	Per 10 thsd. present population					
Ukraine	**6,7**	**3,2**	**3,5**	**56,2**	**56,2**	×
Autonomous Republic of Crimea	16,5	4,8	11,7	49,3	43,5	5,8
oblasts						
Vinnytsya	6,8	2,9	3,9	57,5	63,7	–6,2
Volyn	4,6	3,6	1,0	49,7	50,7	–1,0
Dnipropetrovsk	6,2	3,1	3,1	40,2	43,4	–3,2
Donetsk	6,4	4,0	2,4	28,1	32,9	–4,8
Zhytomyr	5,0	2,5	2,5	61,2	66,0	–4,8
Zakarpattya	2,4	2,9	–0,5	20,0	26,2	–6,2
Zaporizhzhya	7,4	3,4	4,0	40,7	43,6	–2,9
Ivano-Frankivsk	4,1	3,1	1,0	41,2	40,5	0,7
Kyiv	4,7	1,5	3,2	113,7	90,5	23,2
Kirovohrad	6,0	2,5	3,5	72,5	82,6	–10,1
Luhansk	6,2	5,2	1,0	29,8	41,1	–11,3
Lviv	2,0	2,3	–0,3	32,8	36,0	–3,2
Mykolayiv	6,2	3,1	3,1	51,7	57,9	–6,2
Odesa	15,1	2,8	12,3	44,6	35,4	9,2
Poltava	4,9	2,1	2,8	58,4	60,9	–2,5
Rivne	1,7	2,4	–0,7	54,8	64,4	–9,6
Sumy	4,1	2,8	1,3	51,5	61,4	–9,9
Ternopil	3,8	3,1	0,7	45,0	54,8	–9,8
Kharkiv	5,3	3,1	2,2	62,6	58,2	4,4
Kherson	4,5	2,4	2,1	53,4	66,0	–12,6
Khmelnytskiy	4,0	2,4	1,6	64,2	70,3	–6,1
Cherkasy	4,8	2,5	2,3	74,2	80,2	–6,0
Chernivtsi	6,6	2,6	4,0	41,5	38,5	3,0
Chernihiv	6,5	3,2	3,3	65,4	68,6	–3,2
cities						
Kyiv	12,3	4,3	8,0	154,5	124,6	29,9
Sevastopol[1]	21,7	6,3	15,4	102,0	70,7	31,3

[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. The numbers of the mentioned categories and their characteristics are calculated on the basis of data from sample surveys of economic activity of the population (households) that implemented in practice of the state statistics offices since 1995 basing on recommendations of International Labour Organisation (ILO) 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.

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

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.

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.

Burden of those not engaged in labour activity per one vacant work place vacancy is defined as a ratio of those registered at the State Employment Service and 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 this survey has not covered small enterprises due to statistical threshold and natural persons-entrepreneurs.

In 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 tor exhaustive survey, while enterprises with 10–49 of employees are surveyed at the sample base.

Indicators in the tables 17.28–17.39 till 2010 have not included persons worked at small enterprises and for natural persons-entrepreneurs, in 2010 – persons worked at small enterprises with number of employees lees then 10 and worked for natural persons-entrepreneurs. Due to modifications taken part in the survey organisation and scope of surveyed units direct comparison 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 2010.

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 employees 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.

17.1. Population, by economic activity

(aged 15–70; thsd.)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Economically active population	**22830,8**	**22171,3**	**22202,4**	**22280,8**	**22245,4**	**22322,3**	**22397,4**	**22150,3**	**22051,6**
working age	21150,7	20618,1	20582,5	20481,7	20545,9	20606,2	20675,7	20321,6	20220,7
older than working age	1680,1	1553,2	1619,9	1799,1	1699,5	1716,1	1721,7	1828,7	1830,9
Employed	**20175,0**	**20163,3**	**20295,7**	**20680,0**	**20730,4**	**20904,7**	**20972,3**	**20191,5**	**20266,0**
working age	18520,7	18624,1	18694,3	18886,5	19032,2	19189,5	19251,7	18365,0	18436,5
older than working age	1654,3	1539,2	1601,4	1793,5	1698,2	1715,2	1720,6	1826,5	1829,5
Unemployed	**2655,8**	**2008,0**	**1906,7**	**1600,8**	**1515,0**	**1417,6**	**1425,1**	**1958,8**	**1785,6**
working age	2630,0	1994,0	1888,2	1595,2	1513,7	1416,7	1424,0	1956,6	1784,2
older than working age	25,8	14,0	18,5	5,6	1,3	0,9	1,1	2,2	1,4
Economically inactive population	**13318,4**	**13687,6**	**13622,9**	**13559,7**	**13542,1**	**13312,0**	**12971,1**	**12823,0**	**12575,5**
working age	7562,4	8262,8	8365,4	8410,3	8318,0	8144,8	7909,5	8051,7	7878,0
older than working age	5756,0	5424,8	5257,5	5149,4	5224,1	5167,2	5061,6	4771,3	4697,5

17.2. Population in 2010, by economic activity, sex and place of residence

(aged 15–70; thsd.)

	Total	Of which			
		females	males	urban population	rural population
Economically active population	**22051,6**	**10694,8**	**11356,8**	**15083,9**	**6967,7**
working age	20220,7	9373,5	10847,2	14129,0	6091,7
older than working age	1830,9	1321,3	509,6	954,9	876,0
Employed	**20266,0**	**9965,6**	**10300,4**	**13791,8**	**6474,2**
working age	18436,5	8645,4	9791,1	12838,3	5598,2
older than working age	1829,5	1320,2	509,3	953,5	876,0
Unemployed	**1785,6**	**729,2**	**1056,4**	**1292,1**	**493,5**
working age	1784,2	728,1	1056,1	1290,7	493,5
older than working age	1,4	1,1	0,3	1,4	0,0
Economically inactive population	**12575,5**	**7611,4**	**4964,1**	**9213,3**	**3362,2**
working age	7878,0	4283,8	3594,2	5658,3	2219,7
older than working age	4697,5	3327,6	1369,9	3555,0	1142,5

17.3. Economically active population, by region

(aged 15–70)

	2000		2005		2009		2010	
	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**	**22150,3**	**63,3**	**22051,6**	**63,7**
Autonomous Republic of Crimea	989,8	61,2	958,7	62,2	972,2	64,4	964,7	64,5
oblasts								
Vinnytsya	919,1	72,1	775,4	61,8	776,1	63,6	771,2	63,9
Volyn	540,0	72,0	471,8	63,1	472,5	63,4	474,1	63,6
Dnipropetrovsk	1735,8	63,7	1665,7	61,8	1666,5	64,2	1659,6	64,9
Donetsk	2383,5	63,8	2265,1	62,6	2186,9	63,2	2166,6	63,7
Zhytomyr	624,8	61,9	632,5	64,2	621,8	65,3	621,1	65,9
Zakarpattya	569,6	62,9	592,3	64,5	582,6	63,2	582,2	63,1
Zaporizhzhya	924,4	62,7	908,3	62,4	897,2	63,8	892,6	64,3
Ivano-Frankivsk	653,3	64,6	572,8	56,5	578,1	57,0	577,8	57,0
Kyiv	847,2	62,8	846,9	62,8	821,2	62,8	817,6	63,2
Kirovohrad	511,1	61,5	501,5	61,9	480,3	62,4	473,5	62,4
Luhansk	1135,3	57,5	1143,2	60,1	1111,6	61,5	1094,1	61,6
Lviv	1249,5	65,2	1167,0	61,2	1185,5	62,5	1190,0	62,9
Mykolayiv	586,4	61,8	595,0	63,2	590,0	64,2	586,1	64,5
Odesa	1151,3	62,1	1086,4	58,7	1115,5	61,0	1112,5	61,3
Poltava	748,2	62,5	744,5	62,9	721,0	63,2	714,0	63,4
Rivne	491,7	59,2	511,1	61,2	528,4	63,5	532,0	64,0
Sumy	603,5	62,6	591,2	63,0	562,3	62,5	556,2	62,7
Ternopil	475,1	58,1	467,4	57,9	475,9	59,6	482,1	60,6
Kharkiv	1463,5	65,9	1388,8	62,5	1371,1	63,3	1365,2	63,9
Kherson	556,4	62,8	548,9	63,1	538,0	64,0	534,9	64,4
Khmelnytskiy	652,7	63,0	641,9	63,4	640,1	64,6	635,5	64,7
Cherkasy	605,9	59,3	641,6	63,2	629,8	64,3	627,3	64,9
Chernivtsi	354,0	53,6	401,2	60,4	415,2	62,3	418,0	62,7
Chernihiv	586,9	64,8	562,3	64,9	540,0	65,6	536,2	66,2
cities								
Kyiv	1333,3	66,2	1412,6	66,2	1477,5	67,5	1473,7	67,5
Sevastopol	138,5	64,1	186,7	62,7	193,0	65,4	192,8	66,0

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

17.5. Number of employment, by type of economic activity

(thsd.)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**20175,0**	**20163,3**	**20295,7**	**20680,0**	**20730,4**	**20904,7**	**20972,3**	**20191,5**	**20266,0**
Agriculture, hunting, forestry	4334,1	4079,1	3974,6	3986,3	3633,8	3468,1	3300,1	3131,0	3094,5
Industry	4598,3	4123,2	4077,1	4072,4	4036,9	3973,0	3871,4	3546,9	3461,5
Construction	903,6	833,5	907,5	941,5	987,1	1030,2	1043,4	966,2	943,0
Trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	3121,3	3752,4	3971,2	4175,2	4403,9	4564,4	4744,4	4729,1	4832,0
Transport and communications	1355,0	1361,4	1374,9	1400,5	1428,3	1451,9	1465,8	1387,9	1389,7
Financial activity	166,1	190,3	216,1	247,9	283,9	344,4	394,9	351,4	332,8
Real estate transactions, renting, engineering and provision of services to businessmen	815,9	914,8	919,9	966,6	1041,9	1134,7	1150,4	1148,9	1153,2
Public administration	1198,6	1170,6	1050,2	1028,9	1033,7	1036,4	1067,5	1078,6	1223,8[1]
Education	1609,7	1637,2	1648,7	1668,2	1690,5	1693,7	1702,4	1698,4	1688,3
Health care and provision of social aid	1379,6	1366,5	1348,9	1356,6	1356,7	1359,0	1369,9	1348,1	1341,4
Other types of economic activity	692,8	734,3	806,6	835,9	833,7	848,9	862,1	805,0	805,8

[1] Estimated number of temporary employees involved in the preparation and conduct of the President's elections in Ukraine and the members of local councils. According to the methodology, specified number of the employed is calculated as an average for the year

17.6. Employment, by region

(aged 15–70)

	2000		2005		2009		2010	
	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**	**20191,5**	**57,7**	**20266,0**	**58,5**
Autonomous Republic of Crimea	909,9	56,2	906,1	58,7	905,7	60,0	904,5	60,5
oblasts								
Vinnytsya	839,4	65,9	723,0	57,6	693,5	56,9	694,3	57,5
Volyn	486,2	64,8	429,9	57,5	428,0	57,4	433,6	58,2
Dnipropetrovsk	1534,3	56,3	1573,8	58,4	1537,1	59,3	1541,9	60,3
Donetsk	2153,2	57,6	2124,9	58,7	1981,3	57,3	1983,7	58,3
Zhytomyr	548,0	54,3	570,6	57,9	555,2	58,3	560,3	59,5
Zakarpattya	503,3	55,6	551,0	60,0	524,7	56,9	531,8	57,7
Zaporizhzhya	807,4	54,8	846,0	58,2	824,2	58,6	825,7	59,5
Ivano-Frankivsk	584,7	57,8	522,5	51,6	526,3	51,9	530,3	52,3
Kyiv	739,0	54,8	791,0	58,6	755,0	57,7	757,9	58,6
Kirovohrad	435,2	52,4	457,5	56,5	432,7	56,2	431,2	56,9
Luhansk	1008,3	51,1	1054,4	55,4	1026,2	56,7	1015,4	57,1
Lviv	1082,7	56,5	1064,6	55,8	1085,0	57,2	1096,7	58,0
Mykolayiv	501,0	52,8	539,8	57,3	535,2	58,2	536,7	59,1
Odesa	1015,0	54,7	1028,1	55,6	1040,2	56,9	1044,5	57,5
Poltava	672,3	56,2	690,3	58,3	647,1	56,7	644,8	57,3
Rivne	431,8	52,0	461,6	55,2	461,5	55,5	471,2	56,7
Sumy	513,8	53,3	546,0	58,1	500,1	55,5	497,0	56,0
Ternopil	409,4	50,1	425,1	52,6	422,1	52,9	431,3	54,2
Kharkiv	1272,4	57,3	1297,2	58,4	1265,6	58,5	1267,3	59,3
Kherson	479,3	54,1	499,9	57,5	486,9	57,9	488,8	58,9
Khmelnytskiy	562,9	54,4	586,0	57,9	579,0	58,5	580,6	59,1
Cherkasy	534,9	52,3	578,7	57,0	561,7	57,3	564,9	58,4
Chernivtsi	293,6	44,5	361,7	54,5	376,3	56,5	382,4	57,4
Chernihiv	520,5	57,5	517,9	59,8	479,8	58,3	480,1	59,2
cities								
Kyiv	1218,3	60,5	1352,0	63,3	1381,0	63,1	1387,8	63,6
Sevastopol	118,2	54,7	180,4	60,6	180,1	61,1	181,3	62,0

17.7. Number of employees, by type of economic activity

(thsd.)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**16044,0**	**14323,5**	**14041,2**	**14005,3**	**14069,2**	**14001,9**	**13938,9**	**12948,5**	**12564,2**
Agriculture, hunting, forestry	2752,8	1754,8	1613,8	1418,1	1295,3	1104,2	987,3	893,2	794,7
Industry	4474,2	3939,5	3897,2	3878,0	3808,9	3703,1	3579,6	3184,6	3031,1
Construction	781,7	657,6	676,8	677,6	709,3	741,0	745,6	570,0	496,6
Trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	1206,6	1167,5	1161,3	1234,2	1347,1	1451,4	1562,8	1415,5	1316,7
Transport and communications	1178,5	1093,8	1083,0	1090,2	1097,8	1088,3	1078,5	1039,7	1009,7
Financial activity	165,2	188,2	214,0	245,6	279,7	336,7	385,2	338,9	317,6
Real estate transactions, renting, engineering and provision of services to businessmen	766,3	855,3	858,8	884,1	934,2	973,1	967,1	938,8	917,8
Public administration	1198,6	1170,6	1050,2	1028,9	1033,7	1036,4	1067,5	1078,6	1223,8[1]
Education	1608,5	1633,3	1643,7	1662,0	1682,7	1683,6	1691,0	1687,5	1676,8
Health care and provision of social aid	1370,5	1348,9	1333,2	1338,3	1336,7	1335,9	1330,9	1322,0	1309,9
Other types of economic activity	541,1	514,0	509,2	548,3	543,8	548,2	543,4	479,7	469,5

[1] See the footnote to Table 17.5

17.8. Number of employees, by region

(thsd.)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**16044,0**	**14323,5**	**14041,2**	**14005,3**	**14069,2**	**14001,9**	**13938,9**	**12948,5**	**12564,2**
Autonomous Republic of Crimea	611,6	552,9	572,8	585,3	580,4	571,8	575,8	540,9	513,1
oblasts									
Vinnytsya	590,6	505,7	475,8	502,4	472,6	460,0	450,0	409,3	405,2
Volyn	320,8	275,0	263,8	263,6	272,3	271,3	271,2	253,2	247,2
Dnipropetrovsk	1342,8	1172,8	1173,4	1170,8	1181,9	1198,1	1186,5	1095,0	1058,2
Donetsk	1703,2	1515,7	1488,0	1480,6	1481,5	1501,2	1483,4	1354,9	1314,8
Zhytomyr	457,9	403,5	385,9	367,9	376,2	375,9	366,6	334,4	327,8
Zakarpattya	305,6	259,8	259,5	247,4	248,8	247,3	247,7	234,6	233,3
Zaporizhzhya	701,2	618,1	605,5	633,6	626,3	631,1	622,7	570,1	540,4
Ivano-Frankivsk	356,8	301,4	291,9	291,7	301,5	301,3	301,7	276,6	268,4
Kyiv	659,7	610,9	603,3	647,4	650,8	653,4	652,7	617,1	615,9
Kirovohrad	356,1	304,2	295,4	281,2	287,9	274,2	267,8	253,4	248,5
Luhansk	781,3	722,0	699,6	685,9	683,0	681,9	676,7	629,5	615,2
Lviv	817,9	737,2	724,9	723,1	744,6	735,0	732,1	673,2	646,4
Mykolayiv	423,5	367,7	357,8	348,8	351,2	327,7	321,5	297,0	288,1
Odesa	789,9	693,8	705,2	704,6	697,4	705,4	698,7	653,7	642,3
Poltava	573,9	515,4	494,6	488,0	502,5	486,0	481,3	437,1	432,4
Rivne	343,5	298,7	291,0	284,1	289,8	287,2	286,5	270,0	263,6
Sumy	456,2	398,9	379,7	361,8	364,8	361,0	353,6	323,4	312,7
Ternopil	330,5	260,7	252,0	249,2	256,7	250,0	245,3	223,3	217,8
Kharkiv	986,0	893,8	879,8	869,8	893,8	881,2	868,4	814,1	770,5
Kherson	372,8	295,0	281,0	274,4	267,7	264,6	264,1	245,8	238,5
Khmelnytskiy	482,6	397,5	374,4	356,7	342,3	335,9	329,6	308,5	304,4
Cherkasy	469,8	401,2	382,1	379,1	386,4	381,2	375,4	344,3	337,9
Chernivtsi	230,3	188,3	183,3	179,3	177,5	175,9	176,2	166,5	162,6
Chernihiv	402,7	362,3	354,3	342,9	341,7	336,3	330,4	298,3	291,1
cities									
Kyiv	1062,8	1147,8	1128,9	1151,9	1162,8	1178,7	1247,9	1206,1	1155,2
Sevastopol	114,0	123,2	137,3	133,8	126,8	128,3	125,1	118,2	112,7

17.9. ILO unemployment, by region

(aged 15–70)

	2000		2005		2009		2010	
	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**	**1958,8**	**8,8**	**1785,6**	**8,1**
Autonomous Republic of Crimea	79,9	8,1	52,6	5,5	66,5	6,8	60,2	6,2
oblasts								
Vinnytsya	79,7	8,7	52,4	6,8	82,6	10,6	76,9	10,0
Volyn	53,8	10,0	41,9	8,9	44,5	9,4	40,5	8,5
Dnipropetrovsk	201,5	11,6	91,9	5,5	129,4	7,8	117,7	7,1
Donetsk	230,3	9,7	140,2	6,2	205,6	9,4	182,9	8,4
Zhytomyr	76,8	12,3	61,9	9,8	66,6	10,7	60,8	9,8
Zakarpattya	66,3	11,6	41,3	7,0	57,9	9,9	50,4	8,7
Zaporizhzhya	117,0	12,7	62,3	6,9	73,0	8,1	66,9	7,5
Ivano-Frankivsk	68,6	10,5	50,3	8,8	51,8	9,0	47,5	8,2
Kyiv	108,2	12,8	55,9	6,6	66,2	8,1	59,7	7,3
Kirovohrad	75,9	14,9	44,0	8,8	47,6	9,9	42,3	8,9
Luhansk	127,0	11,2	88,8	7,8	85,4	7,7	78,7	7,2
Lviv	166,8	13,3	102,4	8,8	100,5	8,5	93,3	7,8
Mykolayiv	85,4	14,6	55,2	9,3	54,8	9,3	49,4	8,4
Odesa	136,3	11,8	58,3	5,4	75,3	6,8	68,0	6,1
Poltava	75,9	10,1	54,2	7,3	73,9	10,2	69,2	9,7
Rivne	59,9	12,2	49,5	9,7	66,9	12,7	60,8	11,4
Sumy	89,7	14,9	45,2	7,6	62,2	11,1	59,2	10,6
Ternopil	65,7	13,8	42,3	9,1	53,8	11,3	50,8	10,5
Kharkiv	191,1	13,1	91,6	6,6	105,5	7,7	97,9	7,2
Kherson	77,1	13,9	49,0	8,9	51,1	9,5	46,1	8,6
Khmelnytskiy	89,8	13,8	55,9	8,7	61,1	9,5	54,9	8,6
Cherkasy	71,0	11,7	62,9	9,8	68,1	10,8	62,4	9,9
Chernivtsi	60,4	17,1	39,5	9,8	38,9	9,4	35,6	8,5
Chernihiv	66,4	11,3	44,4	7,9	60,2	11,1	56,1	10,5
cities								
Kyiv	115,0	8,6	60,6	4,3	96,5	6,5	85,9	5,8
Sevastopol	20,3	14,7	6,3	3,4	12,9	6,7	11,5	6,0

17.10. Economically active population in 2010, 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	**22051,6**	**12,0**	**13,5**	**12,7**	**12,7**	**25,0**	**18,9**	**5,2**
females	10694,8	10,5	12,2	12,2	12,8	26,8	19,5	6,0
males	11356,8	13,4	14,8	13,2	12,5	23,2	18,4	4,5
employed	**20266,0**	**10,8**	**13,2**	**12,7**	**12,7**	**25,4**	**19,5**	**5,7**
females	9965,6	9,4	12,0	12,2	12,8	27,0	20,1	6,5
males	10300,4	12,2	14,4	13,2	12,6	23,8	18,9	4,9
unemployed	**1785,6**	**25,8**	**16,4**	**12,4**	**12,0**	**20,9**	**12,5**	**0,0**
females	729,2	25,7	14,4	12,4	12,7	23,8	11,0	—
males	1056,4	25,8	17,8	12,5	11,6	18,9	13,4	0,0

17.11. Employment rate in 2010, 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	**58,5**	**33,5**	**72,0**	**76,8**	**79,4**	**78,9**	**61,3**	**24,1**
females	54,4	29,3	65,2	72,2	77,0	78,6	55,8	22,1
males	63,1	37,4	78,6	81,4	81,8	79,2	68,1	27,1
urban population	56,8	29,4	72,4	77,7	80,3	78,7	58,9	15,8
rural population	62,7	42,3	71,0	74,4	77,1	79,4	67,1	41,3

17.12. ILO unemployment rate in 2010, 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	**8,1**	**17,4**	**9,9**	**7,9**	**7,7**	**6,8**	**5,3**	**0,0**
females	6,8	16,7	8,1	6,9	6,8	6,0	3,9	—
males	9,3	17,8	11,2	8,8	8,6	7,6	6,8	0,1
urban population	8,6	20,2	10,3	7,9	7,3	6,9	5,6	0,1
rural population	7,1	12,6	8,4	7,9	8,7	6,5	4,8	—

17.13. ILO unemployed, by duration of out of work

(aged 15–70)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total unemployed, thsd.	**2655,8**	**2008,0**	**1906,7**	**1600,8**	**1515,0**	**1417,6**	**1425,1**	**1958,8**	**1785,6**
of which persons who had jobs in the past	2115,7	1667,0	1439,7	1234,6	1182,1	1089,8	1112,5	1615,2	1409,3
of which by period of out of work, percent									
under 1 month	2,5	2,3	5,4	6,4	6,8	7,9	12,7	8,5	7,2
from 1 to 3 months	8,3	10,6	12,1	15,3	17,6	20,5	23,2	23,4	18,7
from 3 to 6 months	9,0	11,3	13,4	17,5	19,7	20,2	18,9	25,9	21,2
from 6 to 9 months	7,8	9,4	10,5	10,0	11,4	10,1	9,5	14,3	11,6
from 9 to 12 months	9,1	8,4	8,9	8,3	6,9	6,4	7,0	9,5	7,4
12 months and longer	63,3	58,0	49,7	42,5	37,6	34,9	28,7	18,4	33,9
Average period of out of work, months	*23*	*22*	*20*	*16*	*14*	*13*	*11*	*9*	*12*

17.14. ILO unemployed, by duration of job search

(aged 15–70)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total unemployed, thsd.	**2655,8**	**2008,0**	**1906,7**	**1600,8**	**1515,0**	**1417,6**	**1425,1**	**1958,8**	**1785,6**
of which those who sought a job or tried to establish own business	2176,3	1915,8	1808,6	1523,5	1443,8	1362,6	1347,9	1896,6	1711,8
of which, by duration of job search, percent									
under 1 month	3,6	3,1	8,0	9,7	10,9	11,9	14,6	11,0	9,8
from 1 to 3 months	11,2	13,9	17,8	23,4	25,4	27,2	30,8	28,4	24,3
from 3 to 6 months	11,7	12,9	15,2	20,4	21,7	22,0	19,9	26,9	21,8
from 6 to 9 months	8,5	10,5	10,9	10,7	10,7	10,6	9,0	13,4	11,3
from 9 to 12 months	9,6	9,6	5,6	6,0	5,5	5,3	5,1	6,3	9,2
12 months and longer	55,4	50,0	42,5	29,8	25,8	23,0	20,6	14,0	23,6
Average duration of job search, months	*10*	*9*	*8*	*7*	*6*	*6*	*6*	*6*	*7*

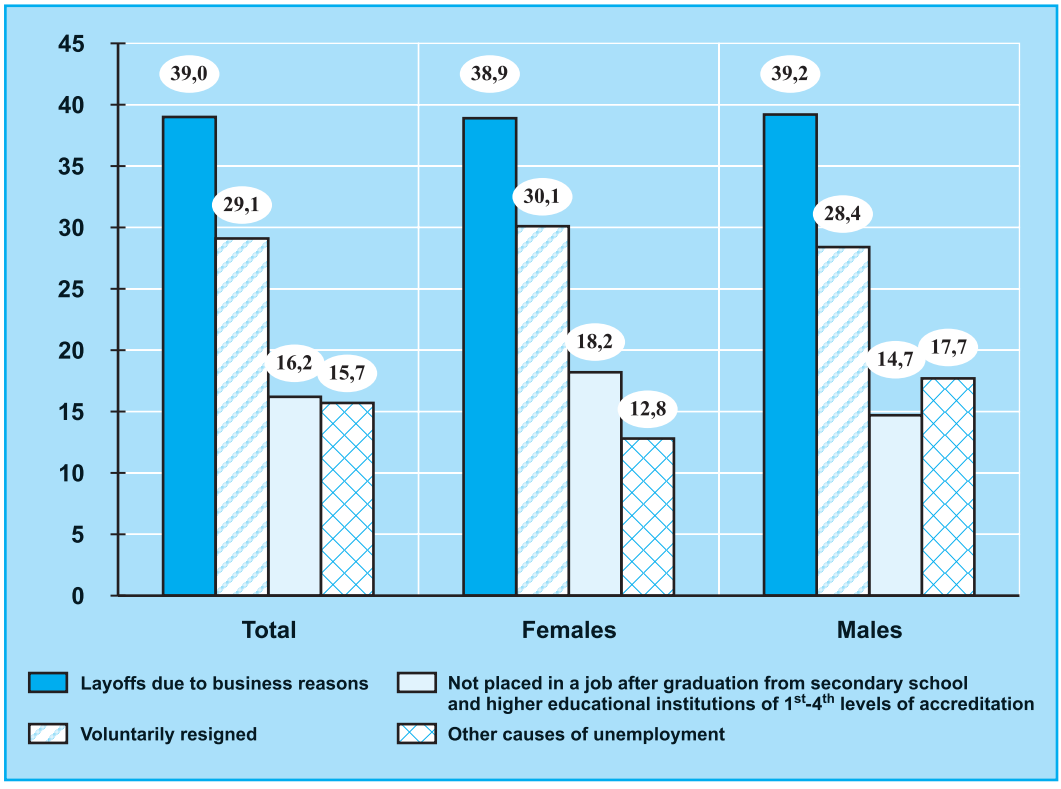
17.15. ILO unemployed, by cause of unemployment

(aged 15–70)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total unemployed, thsd.	**2655,8**	**2008,0**	**1906,7**	**1600,8**	**1515,0**	**1417,6**	**1425,1**	**1958,8**	**1785,6**
By cause of unemployment, percent									
layoffs due to business reasons	40,2	33,2	32,9	31,3	30,0	28,9	28,1	45,5	39,0
voluntarily resigned	29,8	38,9	37,8	35,1	37,4	38,2	38,6	27,0	29,1
demobilised after term military service	2,3	1,7	1,7	1,5	1,1	1,2	1,2	0,8	1,3
not placed in a job after graduation from secondary school and higher educational institutions of 1st–4th levels of accreditation	18,3	15,6	18,0	16,3	17,0	17,4	18,3	14,1	16,2
layoffs caused by state of health, old-age pension or disability	1,1	1,1	1,3	1,7	1,2	0,8	0,7	0,7	0,9
layoffs due to the end of contract	5,1	5,9	3,6	7,7	10,3	10,3	10,9	9,0	10,4
other causes of unemployment	3,2	3,6	4,7	6,4	3,0	3,2	2,2	2,9	3,1

17.16. ILO unemployed in 2010 by cause of unemployment and sex

(aged 15–70; percent)



17.17. Layoffs of employees, by type of economic activity

	2005			2009			2010		
	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**	**175,0**	**34,0**	**49,7**	**84,0**	**25,2**	**54,5**
Agriculture, hunting, forestry	20,4	54,7	51,9	6,7	37,5	42,5	4,2	33,1	43,1
Fishing	0,5	28,3	37,7	0,2	61,7	27,3	0,1	62,5	40,9
Industry	46,2	43,4	60,5	83,2	39,6	45,5	27,4	33,7	49,0
mining	3,1	29,2	56,6	7,0	32,7	41,6	1,9	15,0	41,9
manufacturing	39,0	48,3	61,8	70,0	44,0	45,5	19,9	39,9	50,4
production and distribution of electricity, gas and water	4,1	27,0	50,5	6,2	20,9	49,9	5,6	30,1	46,5
Construction	6,5	41,0	47,0	11,1	32,8	31,0	5,1	33,1	34,1
Trade; repair of motor vehicles, household appliances and personal demand items	12,2	53,2	69,8	14,5	44,3	54,1	5,5	43,3	57,5
Hotels and restaurants	1,1	46,3	80,3	1,2	51,5	74,5	0,7	45,7	69,2
Transport and communications	6,7	37,7	46,8	9,1	29,2	47,2	6,9	27,7	59,0
Financial activity	2,2	18,0	58,9	15,8	35,6	68,5	11,3	35,0	65,6
Real estate transactions, renting, engineering and provision of services to businessmen	6,9	30,5	62,1	10,9	35,9	56,1	5,7	28,4	56,8
Public administration	18,8	12,0	51,5	10,2	16,1	50,3	9,7	10,5	56,8
Education	3,5	18,7	72,1	3,5	18,1	70,2	2,5	19,0	69,7
Health care and provision of social aid	4,0	18,3	76,9	3,4	23,0	77,8	2,6	13,3	76,5
Provision of communal and individual services; cultural and sporting activity	3,5	32,3	59,8	5,2	36,9	51,0	2,3	31,3	50,6

17.18. Layoffs of employees, by region

	2005		2009		2010	
	thsd.	percentage of projected job losses	thsd.	percentage of projected job losses	thsd.	percentage of projected job losses
Ukraine	**132,5**	**29,6**	**175,0**	**34,0**	**84,0**	**25,2**
Autonomous Republic of Crimea	5,4	25,0	5,4	34,4	3,1	26,0
oblasts						
Vinnytsya	5,9	34,3	3,2	30,0	3,5	31,2
Volyn	2,9	27,0	3,2	29,3	1,2	23,2
Dnipropetrovsk	8,2	31,5	14,6	38,8	5,3	31,2
Donetsk	9,7	31,7	21,2	33,7	8,1	30,1
Zhytomyr	3,6	23,7	3,7	26,9	2,0	14,9
Zakarpattya	3,2	40,6	3,1	32,0	1,3	23,4
Zaporizhzhya	5,3	28,8	9,1	43,2	3,0	28,3
Ivano-Frankivsk	3,7	29,6	3,9	26,9	1,6	13,1
Kyiv	3,1	22,6	4,4	30,9	2,4	31,3
Kirovohrad	3,1	30,7	3,1	39,5	1,8	26,5
Luhansk	6,9	39,3	10,1	32,1	3,8	24,2
Lviv	8,5	31,1	6,9	25,4	4,1	22,8
Mykolayiv	3,7	32,3	2,9	40,0	1,7	22,2
Odesa	5,9	26,0	5,2	30,0	3,7	31,6
Poltava	5,0	34,0	8,7	38,7	2,7	23,0
Rivne	4,4	36,7	2,9	30,7	1,3	32,0
Sumy	5,2	32,4	3,7	33,3	2,7	28,1
Ternopil	3,5	29,5	1,7	23,4	1,0	13,1
Kharkiv	8,5	25,5	10,9	38,3	5,0	25,2
Kherson	3,0	29,7	2,9	32,5	1,6	23,7
Khmelnytskiy	4,6	28,2	3,6	40,5	1,5	21,1
Cherkasy	4,0	34,8	5,5	37,2	1,8	18,8
Chernivtsi	1,5	35,3	1,7	33,0	0,6	20,1
Chernihiv	4,1	29,3	4,1	27,5	2,0	20,7
cities						
Kyiv	8,0	23,5	25,4	37,4	15,8	28,0
Sevastopol	1,6	27,5	3,9	29,3	1,4	23,3

17.19. Labour force demand, by type of economic activity

(end of year)

	2005		2009		2010	
	thsd.	percentage of the total	thsd.	percentage of the total	thsd.	percentage of the total
Total	**186,6**	**100,0**	**65,8**	**100,0**	**63,9**	**100,0**
Agriculture, hunting, forestry	10,4	5,6	2,2	3,3	2,7	4,3
Fishing	0,2	0,1	0,0	0,0	0,0	0,1
Industry	65,8	35,2	14,7	22,2	17,2	26,8
mining	13,5	7,2	0,8	1,2	1,5	2,2
manufacturing	47,0	25,2	12,1	18,3	13,7	21,5
production and distribution of electricity, gas and water	5,3	2,8	1,8	2,7	2,0	3,1
Construction	17,4	9,4	3,2	4,9	3,8	5,9
Trade; repair of motor vehicles, household appliances and personal demand items	19,8	10,6	7,7	11,7	8,4	13,2
Hotels and restaurants	1,9	1,0	0,6	1,0	0,9	1,3
Transport and communications	12,3	6,6	4,9	7,4	5,0	7,8
Financial activity	4,7	2,5	3,6	5,6	1,5	2,4
Real estate transactions, renting, engineering and provision of services to businessmen	15,5	8,3	7,6	11,6	5,9	9,3
Public administration	19,2	10,3	11,2	17,1	8,4	13,2
Education	3,9	2,1	1,5	2,2	1,6	2,6
Health care and provision of social aid	9,8	5,3	6,2	9,4	6,3	9,8
Provision of communal and individual services; cultural and sporting activity	5,7	3,0	2,4	3,6	2,2	3,3

17.20. Demand and supply of labour force on labour market, by region

(end of year)

	Registered unemployed, thsd.			Registered vacancies, thsd.			Not engaged in labour activity, persons		
	2005	2009	2010	2005	2009	2010	2005	2009	2010
Ukraine	**903,5**	**542,8**	**564,0**	**186,6**	**65,8**	**63,9**	**5**	**8**	**9**
Autonomous Republic of Crimea	36,1	17,3	20,1	5,3	2,6	2,8	7	7	7
oblasts									
Vinnytsya	42,2	26,8	30,2	3,0	0,6	0,6	14	48	49
Volyn	24,8	12,9	13,9	2,2	1,0	0,8	11	13	17
Dnipropetrovsk	51,1	35,7	34,4	18,2	6,5	7,7	3	5	5
Donetsk	54,4	41,6	33,0	34,8	3,3	2,9	2	13	11
Zhytomyr	33,7	22,8	23,0	3,3	1,5	1,8	10	15	13
Zakarpattya	26,1	13,1	14,2	3,4	0,7	0,9	8	19	15
Zaporizhzhya	34,6	27,4	25,9	6,7	1,1	1,6	5	25	17
Ivano-Frankivsk	33,8	17,3	16,9	2,0	0,2	0,2	17	81	74
Kyiv	27,0	17,3	17,1	7,0	2,1	3,2	4	8	5
Kirovohrad	29,2	18,2	19,5	3,8	0,6	0,6	8	31	32
Luhansk	35,1	18,4	20,5	9,3	1,3	2,0	4	14	11
Lviv	52,2	26,3	27,7	4,9	1,2	2,3	11	22	12
Mykolayiv	31,7	18,0	20,3	4,0	1,0	1,1	8	17	18
Odesa	31,6	17,8	21,4	5,7	2,2	2,6	6	8	8
Poltava	41,3	31,2	35,1	5,3	2,9	1,8	8	11	20
Rivne	36,1	19,0	20,8	1,8	0,7	0,8	20	25	25
Sumy	30,5	20,0	21,5	2,6	0,7	0,7	12	28	31
Ternopil	43,8	15,3	18,0	1,8	1,0	0,9	24	14	21
Kharkiv	47,5	32,5	34,0	12,5	2,6	3,3	4	12	10
Kherson	27,5	10,7	11,6	2,2	1,6	1,1	12	7	10
Khmelnytskiy	30,2	20,2	21,6	3,5	0,3	0,4	9	61	53
Cherkasy	41,1	26,5	25,8	1,5	0,3	0,3	27	91	89
Chernivtsi	26,7	10,5	10,8	1,8	0,4	0,7	15	25	16
Chernihiv	25,9	17,6	19,1	3,9	1,1	0,9	7	17	21
cities									
Kyiv	7,4	6,7	6,2	33,9	27,1	20,9	0,2	0,2	0,3
Sevastopol	1,9	1,7	1,4	2,2	1,2	1,0	1	1	1

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

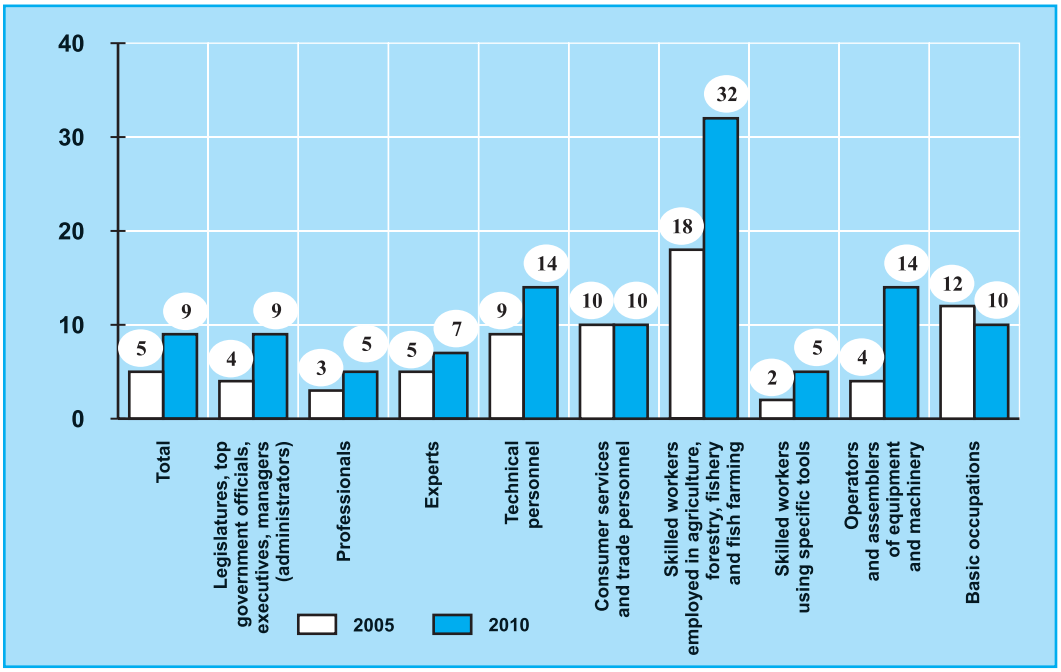
(end of year; thsd.)

	Registered unemployed			Registered vacancies		
	2005	2009	2010	2005	2009	2010
Total	**903,5**	**542,8**	**564,0**	**186,6**	**65,8**	**63,9**
Legislatures, top government officials, executives, managers (administrators)	56,0	51,8	51,4	12,7	6,5	5,7
Professionals	48,1	45,0	48,1	18,6	10,0	9,0
Experts	78,4	51,7	53,0	17,4	9,1	7,4
Technical personnel	46,7	31,2	31,8	5,1	2,4	2,2
Consumer services and trade personnel	120,6	66,0	76,6	12,4	8,0	7,9
Skilled workers employed in agriculture, forestry, fishery and fish farming	41,5	19,5	22,8	2,3	0,7	0,7
Skilled workers using specific tools	95,4	77,6	69,9	56,0	11,4	13,2
Operators and assemblers of equipment and machinery	153,5	106,8	107,2	39,6	7,7	7,9
Basic occupations[1]	263,3	93,2	103,2	22,5	10,0	9,9

[1] Including persons without occupations

17.22. Number of person not engaged in labour activity per a vacant job, 2005 and 2010

(end of year; persons)



17.23. Placement of person not engaged in labour activity, by type of economic activity

	2005		2009		2010	
	thsd.	females, percentage of the total	thsd.	females, percentage of the total	thsd.	females, percentage of the total
Total placement	**1049,8**	**50,6**	**702,7**	**46,6**	**744,5**	**46,7**
Agriculture, hunting, forestry	181,9	46,4	153,0	33,8	134,5	33,1
Fishing	2,3	22,6	1,4	15,6	1,8	16,3
Industry	312,2	39,6	182,8	38,4	202,4	36,4
mining	35,6	20,3	21,0	14,5	25,0	15,5
manufacturing	244,9	42,1	136,3	41,4	152,7	38,5
production and distribution of electricity, gas and water	31,7	42,2	25,5	42,0	24,7	44,0
Construction	48,8	25,0	25,9	24,0	27,5	21,9
Trade; repair of motor vehicles, household appliances and personal demand items	219,5	64,7	135,3	63,4	167,6	63,3
Hotels and restaurants	17,4	79,3	16,3	79,7	19,3	78,2
Transport and communications	55,5	39,4	35,0	35,4	36,2	33,3
Financial activity	8,9	77,5	6,2	65,6	5,9	69,6
Real estate transactions, lease and services to legal persons	34,9	51,1	29,9	46,4	30,2	45,7
Public administration	44,1	60,7	32,0	58,5	31,7	59,5
Education	38,2	59,5	29,9	49,0	30,6	49,3
Health care and provision of social aid	47,6	75,8	35,6	71,8	35,6	72,3
Provision of communal and individual services; cultural and sporting activity	38,5	57,2	19,4	56,4	21,2	58,4

17.24. Placement of person not engaged in labour activity, by region

(thsd.)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**229,7**	**597,0**	**877,3**	**984,2**	**1049,8**	**1070,8**	**1098,6**	**1084,0**	**702,7**	**744,5**
Autonomous Republic of Crimea	13,8	25,5	34,9	37,3	39,1	39,1	39,3	39,4	27,8	28,4
oblasts										
Vinnytsya	9,3	22,6	39,5	41,5	44,1	46,3	46,7	46,5	30,6	32,6
Volyn	4,2	12,9	29,2	31,8	34,0	34,7	35,3	35,2	23,7	24,4
Dnipropetrovsk	21,3	49,6	63,2	69,9	73,5	73,9	74,7	73,7	36,9	44,8
Donetsk	20,8	46,2	68,7	72,6	78,0	72,3	80,1	74,3	46,7	50,4
Zhytomyr	6,7	24,1	32,6	37,2	39,8	40,2	39,9	38,5	24,6	24,6
Zakarpattya	6,4	16,9	25,8	28,5	30,5	29,9	30,2	30,3	19,2	19,5
Zaporizhzhya	10,2	26,5	39,4	41,0	44,3	44,8	44,9	43,1	23,7	28,7
Ivano-Frankivsk	3,7	20,5	38,0	43,7	46,4	46,5	47,9	47,9	24,7	29,1
Kyiv	5,9	22,0	27,7	29,9	31,6	31,5	32,8	32,1	18,9	19,2
Kirovohrad	7,8	18,9	25,9	29,6	31,6	32,4	33,3	32,8	23,5	24,0
Luhansk	7,6	28,4	41,7	43,1	43,9	44,2	45,7	45,8	34,5	35,3
Lviv	6,6	24,5	35,9	40,6	43,7	48,5	51,4	51,7	35,1	36,1
Mykolayiv	6,4	21,4	24,2	26,8	28,7	30,8	31,5	31,6	25,6	23,6
Odesa	10,0	16,8	27,6	33,3	36,0	37,2	38,8	38,7	21,3	22,3
Poltava	12,8	28,7	37,1	41,0	43,2	44,9	45,6	45,2	33,9	35,9
Rivne	4,5	16,7	27,4	31,0	33,0	34,1	35,0	35,6	25,2	25,7
Sumy	6,3	19,5	31,0	40,9	39,2	37,5	37,1	37,1	19,6	20,6
Ternopil	7,1	16,3	28,6	30,4	34,9	36,7	37,4	37,5	23,0	24,7
Kharkiv	7,1	32,7	47,1	55,6	59,5	59,7	60,9	59,5	41,7	47,9
Kherson	5,9	13,6	20,9	22,9	26,2	32,2	34,0	33,2	16,0	17,2
Khmelnytskiy	12,7	20,4	28,4	33,1	36,2	37,5	38,3	38,5	32,5	33,2
Cherkasy	14,5	24,3	36,1	39,5	43,7	46,0	46,9	45,7	28,5	31,4
Chernivtsi	1,3	8,0	15,7	18,1	19,6	20,1	20,1	19,3	8,9	9,3
Chernihiv	7,5	22,2	27,5	30,1	31,6	31,7	32,0	32,0	18,0	18,4
cities										
Kyiv	6,9	14,6	19,8	31,3	34,0	34,6	35,3	35,4	35,4	35,7
Sevastopol	2,4	3,2	3,4	3,5	3,5	3,5	3,5	3,4	3,2	1,5

17.25. Registered unemployment rate, by region

(end of year; percent)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**0,4**	**4,1**	**3,5**	**3,5**	**3,1**	**2,7**	**2,3**	**3,0**	**1,9**	**2,0**
Autonomous Republic of Crimea	0,3	2,2	3,4	3,4	2,9	2,4	1,7	2,1	1,4	1,6
oblasts										
Vinnytsya	0,3	4,1	3,2	4,3	4,3	3,8	3,3	4,3	2,7	3,0
Volyn	1,0	5,8	4,5	4,4	4,0	3,1	2,6	4,1	2,1	2,2
Dnipropetrovsk	0,1	4,3	3,5	3,0	2,4	1,9	1,6	2,5	1,7	1,6
Donetsk	0,3	3,4	2,5	2,3	1,9	1,6	1,3	2,0	1,5	1,2
Zhytomyr	0,8	7,8	4,9	5,0	4,3	3,7	3,3	4,3	3,0	3,0
Zakarpattya	0,9	6,0	4,4	3,8	3,4	2,8	2,3	3,0	1,7	1,8
Zaporizhzhya	0,2	3,4	3,3	3,2	3,0	2,7	2,3	3,2	2,4	2,3
Ivano-Frankivsk	1,5	5,7	4,2	4,3	4,1	3,5	3,1	3,7	2,1	2,0
Kyiv	0,5	5,1	3,0	2,8	2,5	2,1	1,9	2,6	1,6	1,6
Kirovohrad	0,5	5,0	5,4	5,0	4,6	4,0	3,3	4,2	3,0	3,2
Luhansk	0,4	3,9	2,9	2,5	2,3	2,2	1,8	2,4	1,3	1,4
Lviv	1,0	6,0	3,9	4,0	3,4	2,7	2,1	2,7	1,7	1,7
Mykolayiv	0,3	3,8	3,7	3,8	4,2	3,4	2,9	3,5	2,4	2,7
Odesa	0,1	1,1	2,1	2,1	2,1	2,0	1,8	2,0	1,2	1,4
Poltava	0,4	5,2	4,2	4,4	4,4	4,1	3,6	4,7	3,4	3,8
Rivne	0,9	6,9	5,5	5,9	5,2	4,7	3,9	4,7	2,7	2,9
Sumy	0,4	6,3	4,2	4,2	4,0	3,6	3,1	4,2	2,7	2,9
Ternopil	0,8	6,8	6,5	7,5	6,6	5,3	4,4	5,1	2,3	2,6
Kharkiv	0,3	3,5	3,0	3,0	2,6	2,4	2,1	2,7	1,8	1,9
Kherson	0,4	3,7	5,8	5,0	4,0	3,3	2,7	3,1	1,6	1,7
Khmelnytskiy	0,6	3,7	3,5	4,0	3,7	3,7	3,0	4,3	2,5	2,6
Cherkasy	0,4	4,4	5,5	5,7	5,2	4,4	3,9	4,9	3,4	3,3
Chernivtsi	0,4	4,2	5,7	6,0	4,9	3,7	2,9	3,4	1,9	1,9
Chernihiv	0,8	5,7	4,1	3,9	3,8	3,4	3,2	4,7	2,7	2,9
cities										
Kyiv	0,1	0,8	0,4	0,4	0,4	0,4	0,3	0,6	0,4	0,3
Sevastopol	0,1	0,8	0,8	0,8	0,8	0,6	0,6	0,9	0,7	0,6

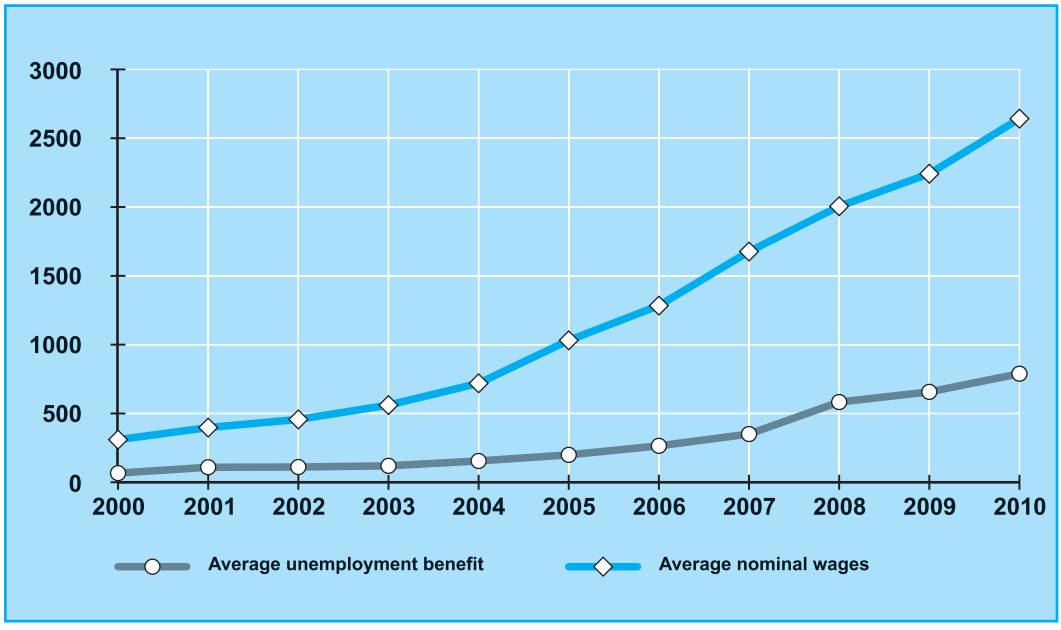
17.26. Duration of registered unemployment

(end of year)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Persons with official unemployment status, thsd.	**1155,2**	**988,9**	**981,8**	**881,5**	**759,5**	**642,3**	**844,9**	**531,6**	**544,9**
of which by period of unemployment, percent									
under 1 month	8,1	12,9	15,0	17,4	18,5	18,3	30,8	19,5	26,2
from 1 to 3 months	15,8	18,9	20,2	24,6	25,9	25,4	28,9	24,5	28,4
from 3 to 6 months	17,2	19,9	19,1	19,0	18,5	18,5	14,8	19,7	20,5
from 6 to 9 months	13,5	15,0	14,0	13,0	12,9	12,5	9,0	13,1	10,8
from 9 to 12 months	12,2	15,9	15,7	13,5	13,0	13,7	9,1	13,1	7,7
12 months and longer	33,2	17,4	16,0	12,5	11,2	11,6	7,4	10,1	6,4
Average period of unemployment, months	*11*	*7*	*7*	*6*	*6*	*6*	*4*	*5*	*4*

17.27. Unemployment benefit and wages in December of 2000–2010

(UAH)



17.28. Average annual number of employees, by type of economic activity[1]

(thsd.)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**18252**	**13678**	**11711**	**11316**[2]	**11388**	**11433**	**11413**	**11389**	**10653**	**10758**
Agriculture, hunting, forestry	3888	2551	1537	1274	1137	1005	868	783	699	665
Fishing	28	31	23	19	16	15	12	11	9	8
Industry	5485	4061	3416	3408	3416	3362	3287	3188	2851	2842
Construction	1037	590	431	441	461	477	500	497	385	380
Trade; repair of motor vehicles, household appliances and personal demand items	988	630	563	590	676	780	874	947	852	904
Hotels and restaurants	222	100	81	78	82	86	88	94	90	109
Transport and communications	1400	1110	994	981	992	991	977	974	936	945
transport	1134	853	742	728	733	730	725	730	705	726
post and communications	266	257	252	253	259	261	252	244	231	219
Financial activity	169	146	169	189	216	246	298	339	292	269
Real estate transactions, renting, engineering and provision of services to businessmen	859	596	560	545	564	599	615	631	615	709
of which research and development	272	185	166	164	163	158	152	150	144	138
Public administration	549	610	702	551[2]	570	590	599	627	635	650
Education	1759	1551	1584	1598	1610	1632	1641	1642	1646	1640
Health care and provision of social aid	1396	1304	1281	1273	1271	1269	1271	1267	1271	1268
Provision of communal and individual services; cultural and sporting activity	472	398	370	371	377	381	383	389	372	369
of which cultural, sporting, recreational and entertainment activities	332	269	267	268	278	285	286	291	276	262

[1] Prior to 2009, it includes data without employees of statistically small businesses and of natural persons-entrepreneurs. In 2010, by businesses, establishments, organisations and their separate units employing 10 and more employees. Comparisons with the previous years 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. Comparisons with the previous years are not possible

17.29. Average annual number of employees, by region[1]

(thsd.)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**18252**	**13678**	**11711**	**11316**	**11388**	**11433**	**11413**	**11389**	**10653**	**10758**
Autonomous Republic of Crimea	683	509	436	414	408	403	405	407	396	411
oblasts										
Vinnytsya	697	531	416	383	377	370	360	353	332	330
Volyn	372	284	231	220	222	223	222	221	204	200
Dnipropetrovsk	1449	1111	1005	990	1017	1037	1025	1011	930	930
Donetsk	1954	1477	1312	1287	1290	1292	1287	1279	1169	1156
Zhytomyr	536	400	328	311	303	293	284	276	258	255
Zakarpattya	343	257	208	203	205	207	214	211	203	201
Zaporizhzhya	779	595	516	502	499	505	510	505	467	466
Ivano-Frankivsk	433	318	243	237	241	244	244	247	232	225
Kyiv	643	469	398	389	391	393	396	391	370	383
Kirovohrad	451	317	255	241	237	235	229	223	209	210
Luhansk	1008	712	631	608	604	597	586	584	548	547
Lviv	923	691	587	573	581	580	586	589	556	555
Mykolayiv	500	359	301	290	288	279	271	268	251	243
Odesa	836	631	556	538	536	540	544	545	515	533
Poltava	673	513	438	419	417	414	409	406	380	368
Rivne	412	308	254	243	242	238	234	233	220	214
Sumy	549	401	336	319	308	301	294	289	267	258
Ternopil	421	306	222	210	206	203	198	197	188	183
Kharkiv	1101	825	731	698	709	723	714	705	655	664
Kherson	473	329	247	232	231	227	225	222	210	202
Khmelnytskiy	566	427	332	309	298	284	272	268	251	251
Cherkasy	566	424	330	311	308	310	304	301	279	272
Chernivtsi	280	198	157	152	150	150	149	150	143	140
Chernihiv	500	358	298	281	278	272	263	256	239	237
cities										
Kyiv	991	846	866	884	965	1036	1111	1174	1106	1238
Sevastopol	113	84	77	76	77	77	77	78	75	86

[1] See the first footnote to Table 17.28

17.30. Average annual number of employees, by industrial activity[1]

(thsd.)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Industry	**4061**	**3416**	**3408**	**3416**	**3362**	**3287**	**3188**	**2851**	**2842**
Mining	615	531	529	518	513	501	480	450	446
Manufacturing	2917	2356	2351	2370	2329	2268	2192	1886	1884
production of foodstuffs, beverages and tobacco products	518	445	452	465	465	454	436	390	387
light industry	262	156	150	147	133	120	108	92	97
textile industry, sewing of clothes, fur and fur articles	221	135	129	126	112	100	89	75	78
production of leather, leather articles and other materials	41	22	22	21	21	20	19	17	19
wood working and production of wood products apart from furniture	41	33	34	37	38	40	40	33	33
cellulose and paper industry; printing	60	57	61	66	68	71	72	65	73
production of coke and refined petroleum products	54	58	59	59	54	53	50	46	39
chemical and petrochemical industry	201	179	178	182	184	181	174	156	159
production of chemicals	159	140	135	134	130	124	119	109	109
production of rubber and plastic products	42	39	43	48	54	57	55	47	50
production of other non-metallic mineral products	203	150	150	154	151	152	149	114	114
metallurgy and production of finished metal works	434	409	415	425	430	420	407	355	339
engineering	1061	810	793	773	740	710	687	579	578
manufacture of machinery and equipment	497	378	361	352	334	310	293	241	253
manufacture of electrical, electronic and optical equipment	281	184	180	174	172	168	165	147	149
manufacture of transport vehicles and equipment	283	247	252	247	234	232	229	191	176
other manufacture n.i.e.	83	59	60	63	65	67	69	56	65
Production and distribution of electricity, gas and water	529	529	528	527	520	518	516	515	512

[1] See the first footnote to Table 17.28

17.31. Employees, by level of education and economic activity[1]

(end of 2010)

	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	**10993,4**	**2637,9**	**24,0**	**3583,8**	**32,6**
Agriculture, hunting, forestry	592,6	95,1	40,3	71,8	27,8
Fishing	7,4	1,3	18,3	1,1	15,1
Industry	2898,9	668,4	23,1	628,7	21,7
Construction	355,8	64,1	18,0	87,9	24,7
Trade; repair of motor vehicles, household appliances and personal demand items	959,9	230,9	24,1	307,8	32,1
Hotels and restaurants	108,4	31,9	29,4	24,5	22,6
Transport and communications	958,7	213,5	22,3	206,8	21,6
transport	734,5	157,5	21,4	144,1	19,6
post and communications	224,2	56,0	25,0	62,7	28,0
Financial activity	299,8	60,2	20,1	200,1	66,8
Real estate transactions, renting, engineering and provision of services to businessmen	697,5	129,8	18,6	296,8	42,6
Public administration	681,8	139,9	20,5	426,1	62,5
Education	1726,5	330,6	19,1	917,9	53,2
Health care and provision of social aid	1332,1	566,3	42,5	288,9	21,7
Provision of communal and individual services; cultural and sporting activity	374,0	105,9	28,3	125,4	33,5

[1] It includes data by businesses, establishments, organisations and their separate units employing 10 and more employees

17.32. Working pensioners, by type of pension and economic activity[1]

(end of 2010)

	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 3rd group of disabled
Total	**1960,5**	**17,8**	**6,6**	**74,2**	**19,2**	**13,1**
Agriculture, hunting, forestry	72,8	12,3	5,2	58,9	35,9	25,4
Fishing	1,2	15,9	9,2	62,2	28,6	19,4
Industry	512,2	17,7	4,6	73,7	21,7	16,0
Construction	62,2	17,5	5,4	70,8	23,8	15,7
Trade; repair of motor vehicles, household appliances and personal demand items	92,5	9,6	8,0	56,9	35,1	19,4
Hotels and restaurants	15,8	14,5	3,3	72,1	24,6	14,8
Transport and communications	118,9	12,4	10,6	66,0	23,5	17,1
transport	90,9	12,4	11,0	65,4	23,6	17,1
post and communications	28,0	12,5	9,1	67,7	23,2	16,9
Financial activity	27,7	9,2	18,2	45,3	36,6	20,5
Real estate transactions, renting, engineering and provision of services to businessmen	174,4	25,0	7,5	77,4	15,1	8,9
Public administration	87,1	12,8	22,9	57,5	19,5	13,5
Education	382,4	22,1	5,1	84,0	11,0	7,4
Health care and provision of social aid	322,0	24,2	4,9	79,6	15,5	11,3
Provision of communal and individual services; cultural and sporting activity	91,3	24,4	5,5	79,2	15,3	9,1

[1] See the footnote to Table 17.31

17.33. Employment of young people, by type of economic activity[1]

(end of 2010)

	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	**3490,1**	**31,7**	**31,2**
Agriculture, hunting, forestry	145,8	24,6	23,9
Fishing	1,8	24,9	20,9
Industry	933,4	32,2	29,5
Construction	103,2	29,0	26,9
Trade; repair of motor vehicles, household appliances and personal demand items	484,1	50,4	49,8
Hotels and restaurants	45,4	41,9	40,7
Transport and communications	292,8	30,5	30,1
transport	220,7	30,1	29,5
post and communications	72,1	32,2	31,3
Financial activity	169,1	56,4	58,9
Real estate transactions, renting, engineering and provision of services to businessmen	214,5	30,8	28,8
Public administration	242,3	35,5	38,1
Education	411,5	23,8	25,3
Health care and provision of social aid	349,8	26,3	27,4
Provision of communal and individual services; cultural and sporting activity	96,4	25,8	24,5

[1] See the footnote to Table 17.31

17.34. Staff training and skills upgrading in 2010, by type of economic activity[1]

	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	**216,5**	**2,0**	**52,4**	**943,9**	**8,6**	**410,7**
Agriculture, hunting, forestry	4,7	0,8	0,8	7,8	1,3	1,2
Fishing	0,0	0,6	0,0	0,1	1,4	—
Industry	155,9	5,4	35,5	389,9	13,5	77,0
Construction	7,4	2,1	0,5	14,4	4,0	0,8
Trade; repair of motor vehicles, household appliances and personal demand items	5,8	0,6	2,4	11,7	1,2	5,3
Hotels and restaurants	0,2	0,2	0,1	1,4	1,3	0,8
Transport and communications	23,0	2,4	7,1	107,7	11,2	38,1
transport	19,1	2,6	4,0	72,5	9,9	16,0
post and communications	3,9	1,8	3,1	35,2	15,7	22,1
Financial activity	1,1	0,4	0,9	28,5	9,5	18,0
Real estate transactions, renting, engineering and provision of services to businessmen	7,6	1,1	1,3	25,5	3,7	7,5
Public administration	6,3	0,9	1,1	66,3	9,7	35,7
Education	2,3	0,1	1,4	162,0	9,4	126,3
Health care and provision of social aid	1,2	0,1	0,8	118,8	8,9	93,5
Provision of communal and individual services; cultural and sporting activity	1,0	0,3	0,5	9,8	2,6	6,5

[1] See the footnote to Table 17.31

17.35. Staff training and skills upgrading in 2010, by region[1]

	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	**216,5**	**2,0**	**52,4**	**943,9**	**8,6**	**410,7**
Autonomous Republic of Crimea	6,5	1,6	1,4	31,8	7,8	15,3
oblasts						
Vinnytsya	5,7	1,7	1,4	22,2	6,8	12,0
Volyn	2,7	1,3	0,4	15,1	7,1	7,7
Dnipropetrovsk	28,2	3,0	5,3	118,5	12,4	38,6
Donetsk	42,7	3,6	9,7	136,0	11,5	49,3
Zhytomyr	3,8	1,5	0,9	17,3	6,6	9,4
Zakarpattya	6,8	3,2	2,9	15,4	7,3	9,0
Zaporizhya	12,5	2,6	3,0	53,3	11,2	19,3
Ivano-Frankivsk	2,5	1,0	0,7	22,8	9,6	11,9
Kyiv	8,4	2,1	2,6	24,3	6,2	11,7
Kirovohrad	3,4	1,6	0,5	19,3	9,1	9,1
Luhansk	19,8	3,5	4,2	50,3	9,0	18,9
Lviv	5,5	1,0	1,1	41,5	7,1	22,2
Mykolayiv	4,5	1,8	0,8	16,9	6,9	7,6
Odesa	9,0	1,7	3,1	34,9	6,4	17,4
Poltava	7,7	2,1	1,8	39,0	10,6	15,9
Rivne	3,1	1,4	0,7	20,9	9,3	9,5
Sumy	5,6	2,1	1,7	23,4	9,0	11,0
Ternopil	2,7	1,4	1,1	12,4	6,7	7,2
Kharkiv	9,8	1,5	2,4	58,8	8,7	24,2
Kherson	3,8	1,9	1,0	15,6	7,7	6,7
Khmelnytskiy	3,9	1,5	0,9	22,0	8,7	11,1
Cherkasy	3,7	1,3	1,0	18,0	6,6	9,8
Chernivtsi	1,8	1,3	0,4	10,5	7,1	6,3
Chernihiv	1,9	0,8	0,6	16,2	6,8	8,6
cities						
Kyiv	9,4	0,7	2,6	82,3	6,5	37,8
Sevastopol	1,1	1,3	0,2	5,2	6,2	3,2

[1] See the footnote to Table 17.31

17.36. Employees recruitment and retirement rate, by type of economic activity[1]

(percent of averaged payroll staff)

	Recruited						Retired					
	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
Total	**27,4**	**28,2**	**29,7**	**28,3**	**22,5**	**25,3**	**29,2**	**29,9**	**30,7**	**32,8**	**28,7**	**28,1**
Agriculture, hunting, forestry	36,5	40,8	43,4	45,9	46,6	46,4	50,4	54,5	56,4	58,4	50,7	54,4
Fishing	42,4	45,9	36,4	45,6	45,7	50,0	57,0	54,4	54,8	58,1	54,7	63,6
Industry	28,2	27,2	28,5	26,3	20,2	24,2	30,4	31,1	31,3	34,6	29,2	26,6
Construction	44,7	45,1	46,5	39,7	26,4	33,9	48,1	45,9	46,2	54,9	49,7	48,5
Trade; repair of motor vehicles, household appliances and personal demand items	55,5	59,9	60,8	56,3	44,9	52,2	51,1	53,6	55,0	59,6	57,3	52,2
Hotels and restaurants	56,3	60,1	62,8	63,9	53,9	56,0	58,7	62,0	63,1	66,8	65,1	61,2
Transport and communications	20,7	21,5	23,0	23,4	17,5	19,3	21,3	23,4	25,3	25,8	23,7	22,6
transport	22,1	22,1	24,0	24,5	21,7	19,2	24,7	25,0	27,1	28,1	28,8	21,7
post and communications	24,5	28,9	28,6	27,8	19,8	19,9	23,7	30,7	32,6	31,5	28,6	25,7
Financial activity	39,4	45,3	52,8	42,6	23,6	33,5	28,8	29,8	35,1	41,1	38,9	35,7
Real estate transactions, renting, engineering and provision of services to businessmen	34,3	35,2	38,5	35,2	29,4	28,9	36,6	35,5	40,2	39,3	35,6	36,5
of which research and development	18,0	16,9	17,3	16,4	15,0	14,7	20,3	20,0	19,5	19,2	17,4	17,7
Public administration	20,5	20,0	20,9	18,5	14,0	17,8	19,6	18,7	18,5	16,6	13,5	18,7
Education	14,1	13,7	13,6	14,1	13,0	13,2	13,2	13,1	13,4	14,1	12,8	13,3
Health care and provision of social aid	14,5	14,2	14,1	14,4	13,1	13,4	14,8	14,5	14,1	15,2	12,7	14,1
Provision of communal and individual services; cultural and sporting activity	24,3	25,8	27,0	27,2	21,0	21,6	25,1	26,0	25,8	26,1	30,2	23,1
of which cultural, sporting, recreational and entertainment activities	21,3	22,8	22,7	24,0	18,5	18,8	20,2	21,3	21,3	22,2	28,2	19,3

[1] See the first footnote to Table 17.28

17.37. Use of employees' working hours in 2010, by type of economic activity[1]

(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	**1916**	**1638**	**85,5**	**278**	**154**	**48**	**9**
Agriculture, hunting, forestry	1936	1708	88,2	227	129	41	11
Fishing	1905	1604	84,2	301	115	29	25
Industry	1973	1627	82,5	346	159	64	13
Construction	1936	1471	76,0	465	108	37	89
Trade; repair of motor vehicles, household appliances and personal demand items	1911	1703	89,1	208	98	23	8
Hotels and restaurants	1867	1636	87,7	231	105	26	9
Transport and communications	1971	1677	85,1	294	152	63	4
transport	2005	1686	84,1	319	157	69	5
post and communications	1861	1646	88,5	215	139	45	1
Financial activity	1955	1757	89,9	198	129	47	1
Real estate transactions, renting, engineering and provision of services to businessmen	1949	1686	86,5	263	131	40	7
of which research and development	1967	1670	84,9	297	167	50	3
Public administration	1959	1704	87,0	255	183	58	0
Education	1708	1468	85,9	240	193	37	0
Health care and provision of social aid	1976	1735	87,8	241	172	46	1
Provision of communal and individual services; cultural and sporting activity	1849	1637	88,6	212	143	33	2
of which cultural, sporting, recreational and entertainment activities	1818	1614	88,8	204	152	29	2

[1] See the footnote to Table 17.31

17.38. Use of employees' working hours in 2010, by industrial activity[1]

(average per staff employee)

	Established working hours (presence and absence), hours	Working hours		Not fulfilled, hours			
					of which by reasons of		
		hours	percentage of established working hours	total	annual holidays (basic and supplementary)	temporary disability	holidays without wage (ad interim stopping work)
Industry	**1973**	**1627**	**82,5**	**346**	**159**	**64**	**13**
Mining	1850	1490	80,6	360	226	81	4
mining of fuel and energy minerals	1793	1435	80,1	358	240	81	1
mining operations apart from fuel and energy materials	1999	1635	81,8	364	190	82	14
Manufacturing	1991	1629	81,8	362	142	60	18
production of foodstuffs, beverages and tobacco products	1970	1686	85,6	284	126	51	11
light industry	1951	1584	81,2	367	123	62	37
textile industry, sewing of clothes, fur and fur articles	1950	1564	80,2	386	125	64	41
production of leather, leather articles and other materials	1954	1663	85,1	291	114	56	21
wood working and production of wood products apart from furniture	1946	1610	82,7	336	111	45	28
cellulose and paper industry; printing	1959	1665	85,0	294	128	42	9
production of coke and refined petroleum products	2049	1732	84,5	317	185	67	1
chemical and petrochemical industry	1991	1629	81,8	362	141	51	33
production of chemicals	2006	1656	82,6	350	150	58	38
production of rubber and plastic products	1958	1571	80,2	387	121	36	23
production of other non-metallic mineral products	1967	1558	79,2	409	127	49	46
metallurgy and production of finished metal products	2035	1658	81,5	377	177	78	11
engineering	2002	1595	79,7	407	141	64	15
manufacture of machinery and equipment	1998	1613	80,8	385	141	65	14
manufacture of electrical, electronic and optical equipment	1972	1570	79,6	402	135	57	19
manufacture of transport vehicles and equipment	2034	1590	78,2	444	146	68	15
other manufacture n.i.e.	1920	1542	80,3	378	113	37	23
Production and distribution of electricity, gas and water	2012	1739	86,4	273	163	66	1

[1] See the footnote to Table 17.31

17.39. Collective agreements concluded, by type of economic activity[1]

(end of 2010)

	Total collective agreements concluded and registered, units	Employees covered by agreements	
		thsd.	percentage of total payroll staff
Total	**105014**	**8967,6**	**81,6**
Agriculture, hunting, forestry	7672	504,0	85,1
Fishing	139	5,9	79,5
Industry	11733	2624,9	90,6
mining	688	443,0	98,8
manufacturing	9623	1650,8	86,0
production and distribution of electricity, gas and water	1422	531,1	100,1
Construction	4846	252,4	71,0
Trade; repair of motor vehicles, household appliances and personal demand items	7676	407,5	42,5
Hotels and restaurants	1562	64,8	59,8
Transport and communications	3955	853,5	89,1
transport	3437	665,2	90,6
post and communications	518	188,3	84,0
Financial activity	1068	180,2	60,1
Real estate transactions, renting, engineering and provision of services to businessmen	8529	501,3	71,9
of which research and development	964	121,9	87,9
Public administration	15596	515,8	75,6
Education	26101	1554,7	90,0
Health care and provision of social aid	8655	1223,3	91,8
Provision of communal and individual services; cultural and sporting activity	7482	279,3	74,6
of which cultural, sporting, recreational and entertainment activities	5874	201,6	75,1

[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 pension and 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 from enterprise funds;

employer contributions to the compulsory state pension and social insurance in reporting year.

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 this survey did not cover small enterprises due to the statistical threshold and natural persons-entrepreneurs.

In 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 tor 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 in the 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 for comparable population 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 payments to the social security fund 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 continous 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 2010 the initial sampled population of the survey included 13023 households. During the year 10428 households took part in the survey (selected addresses accounted for 81,4%, 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 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.

18.1. Population income and expenditure

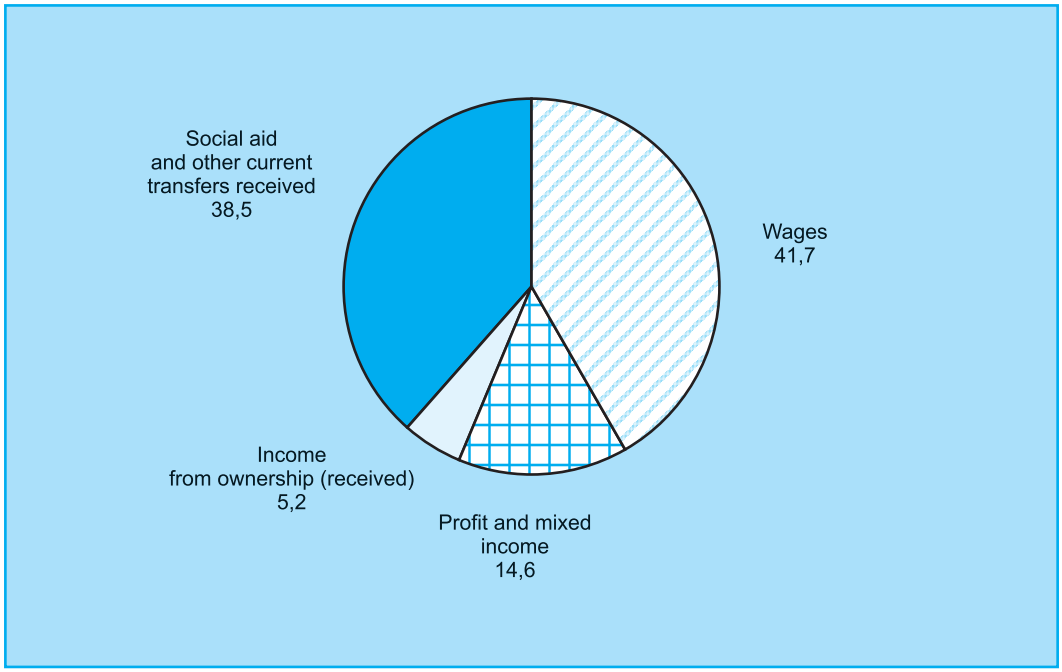
(mln. UAH)

	1995[1]	2000	2003	2004	2005	2006	2007	2008	2009	2010[2]	2010 over 2009, percent
Income	**4006**	**128736**	**215672**	**274241**	**381404**	**472061**	**623289**	**845641**	**894286**	**1101015**	**123,1**
of which											
wages	1654	55853	94608	117227	160621	205120	278968	366387	365300	459153	125,7
profit and mixed income	616	24696	36330	43828	58404	69186	95203	131139	129760	161214	124,2
income from ownership (received)	48	3322	6706	8337	11072	13855	20078	28432	34654	56958	164,4
social aid and other current transfers received	1688	44865	78028	104849	151307	183900	229040	319683	364572	423690	116,2
Expenditure and savings	**4006**	**128736**	**215672**	**274241**	**381404**	**472061**	**623289**	**845641**	**894286**	**1101015**	**123,1**
of which											
purchase of goods and services	3719	115887	180730	221713	306769	385681	509533	695618	709025	838220	118,2
income from ownership (paid)	4	158	902	1864	3523	8374	16924	30406	37831	30182	79,8
current taxes on income, property and other current transfers paid	209	8488	17763	19030	25461	33803	49053	67606	67053	76255	113,7
accumulation of non-financial assets	59	3099	1680	3254	4444	7159	9939	29515	10493	23054	219,7
increase in financial assets	15	1104	14597	28380	41207	37044	37840	22496	69884	133304	190,8
Available income	*2783*	*96609*	*162578*	*212033*	*298275*	*363586*	*470953*	*634493*	*661915*	*841591*	*127,1*
Real available income, percent of the previous year	*108,3*	*104,1*	*109,1*	*119,6*	*123,9*	*111,8*	*114,8*	*107,6*	*90,0*	*116,2*	×

[1] Trln. KRB
[2] Preliminary data

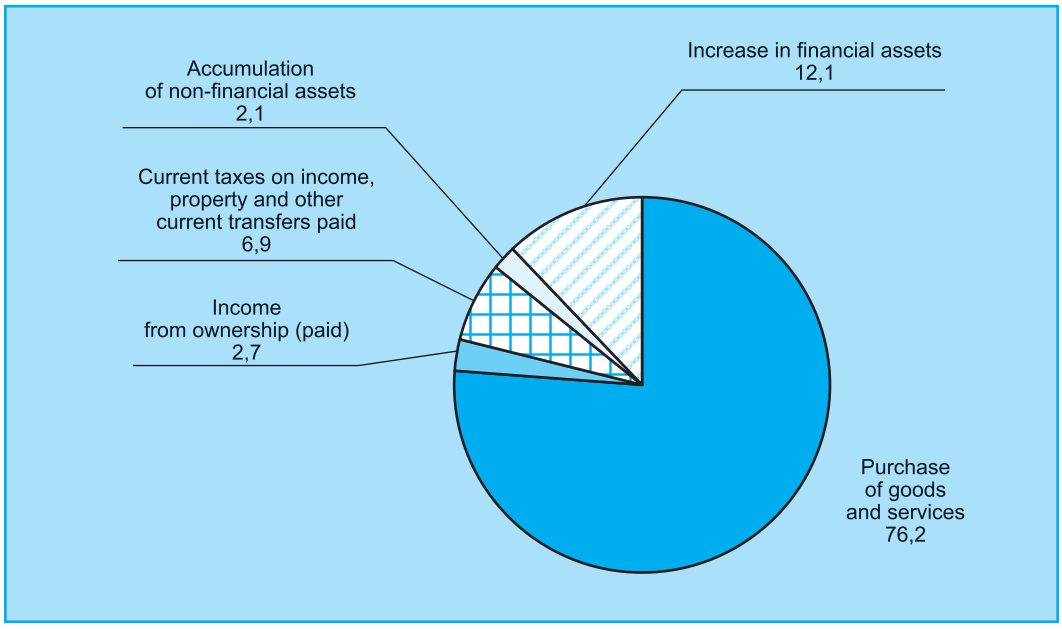
18.2. Structure of population income in 2010

(percent)



18.3. Structure of population expenditure and savings in 2010

(percent)



18.4. Population income, by region

(mln. UAH)

	2001[1]			2009			2010[2]		
	income	available income		income	available income		income	available income	
		total	per capita, UAH		total	per capita, UAH		total	per capita, UAH
Ukraine	**157996**	**119048**	**2445,9**	**894286**	**661915**	**14372,8**	**1101015**	**841591**	**18347,0**
Autonomous Republic of Crimea	5833	4233	2073,9	32046	23667	12036,3	39282	29922	15232,1
oblasts									
Vinnytsya	5044	4072	2286,8	26813	20181	12191,7	33448	26099	15857,0
Volyn	2902	2267	2132,4	15177	11366	10966,8	19194	14427	13913,6
Dnipropetrovsk	12890	9555	2665,2	72138	55139	16386,5	88980	69220	20687,4
Donetsk	16420	12399	2544,8	96596	76284	17014,0	118554	94597	21258,2
Zhytomyr	3745	2954	2112,5	20655	15712	12179,8	25957	19969	15571,6
Zakarpattya	2881	2243	1781,4	16492	12148	9764,5	20812	15236	12226,9
Zaporizhzhya	7057	5267	2719,0	37019	28433	15652,6	45379	35871	19856,6
Ivano-Frankivsk	3591	2792	1973,0	21023	16146	11692,4	26537	20317	14720,3
Kyiv	6500	5057	2753,9	34358	25915	15024,9	42338	33238	19327,8
Kirovohrad	3260	2522	2217,2	16149	11990	11727,3	20069	15426	15214,5
Luhansk	7359	5624	2188,6	41916	32670	14071,6	51523	41048	17836,1
Lviv	7787	5910	2239,7	43813	33706	13211,3	55162	42185	16561,3
Mykolayiv	3783	2855	2244,6	20723	15689	13154,2	25724	19695	16600,6
Odesa	6814	5058	2040,7	42422	29666	12404,2	52828	38229	15996,1
Poltava	5322	4064	2474,8	28239	22195	14742,6	34548	26825	17958,8
Rivne	3260	2530	2150,5	17458	13029	11316,8	22170	16535	14352,1
Sumy	3984	3021	2308,4	20318	15819	13426,4	24693	19393	16619,2
Ternopil	2740	2120	1850,6	15608	11603	10634,2	19399	14747	13572,9
Kharkiv	9588	7090	2425,0	54519	40617	14633,1	67377	50829	18402,3
Kherson	2979	2330	1971,3	16731	12542	11440,3	20776	15911	14586,5
Khmelnytskiy	4029	3249	2259,1	21526	16371	12238,2	26699	20595	15480,3
Cherkasy	3902	2987	2117,9	21351	16269	12517,5	25886	19929	15445,2
Chernivtsi	2109	1596	1725,4	12619	9054	10013,3	15911	11920	13181,5
Chernihiv	3776	2962	2376,7	18917	14675	13155,5	23021	18136	16427,5
cities									
Kyiv	14475	8995	3447,3	122516	76250	27474,5	145798	104912	37573,2
Sevastopol	1039	723	1902,3	7144	4779	12566,4	8950	6380	16763,0

[1] Income and expenditure by region (Tables 18.4 and 18.5) do not equal to their totals for Ukraine on account of the balance in cash transfers and humanitarian aid received from non-residents

[2] See the second footnote to Table 18.1

18.5. Population expenditure, by region

(mln. UAH)

	2001		2009		2010[1]	
	total	per capita, UAH	total	per capita, UAH	total	per capita, UAH
Ukraine	**151208**	**3106,6**	**813909**	**17673,2**	**944657**	**20593,9**
Autonomous Republic of Crimea	5822	2853,2	32137	16343,9	37288	18981,9
oblasts						
Vinnytsya	4048	2272,9	24018	14509,8	26637	16183,9
Volyn	2882	2712,2	14566	14054,4	16702	16107,6
Dnipropetrovsk	12769	3561,4	58838	17485,8	70191	20977,6
Donetsk	13439	2758,0	75775	16900,5	88968	19993,3
Zhytomyr	3041	2174,2	17452	13528,7	20531	16009,8
Zakarpattya	2979	2365,5	15949	12819,7	18921	15184,2
Zaporizhzhya	7152	3692,9	31795	17503,4	38335	21220,6
Ivano-Frankivsk	3172	2241,2	18361	13296,4	22545	16334,6
Kyiv	5746	3128,5	29385	17036,8	33784	19645,3
Kirovohrad	3344	2938,2	14093	13784,2	16152	15930,6
Luhansk	6620	2576,1	31602	13611,6	38994	16943,6
Lviv	7899	2993,5	37106	14544,0	46433	18229,0
Mykolayiv	3368	2647,1	18751	15721,5	21331	17979,6
Odesa	7276	2935,6	46856	19591,9	56013	23437,4
Poltava	4945	3012,0	22636	15035,5	27215	18219,9
Rivne	3174	2698,0	15234	13232,0	18675	16209,5
Sumy	3794	2899,3	15352	13030,0	18189	15587,5
Ternopil	2392	2087,7	13261	12153,8	16042	14764,8
Kharkiv	10690	3656,6	54325	19571,6	66356	24023,8
Kherson	2760	2334,7	15439	14082,8	18508	16967,4
Khmelnytskiy	3872	2692,5	18832	14077,9	21625	16254,5
Cherkasy	3300	2340,5	19113	14705,7	22383	17347,1
Chernivtsi	2432	2627,9	12183	13473,8	14061	15549,0
Chernihiv	3305	2651,5	14828	13292,7	16982	15382,2
cities						
Kyiv	19386	7429,7	137823	49660,6	142206	50929,7
Sevastopol	1247	3285,0	8199	21559,3	9590	25197,1

[1] See the second footnote to Table 18.1

18.6. Average monthly wages of employees[1]

(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

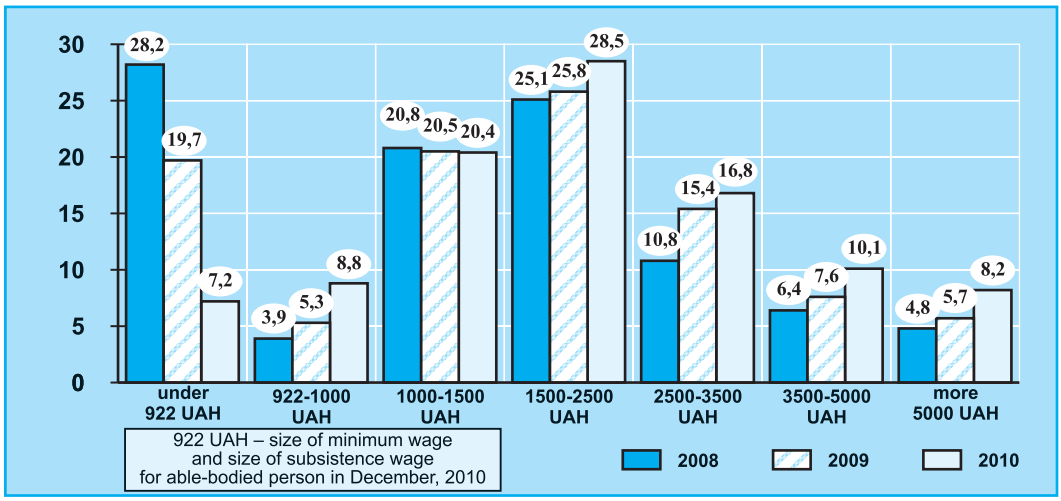
18.7. Average monthly nominal and real wages of employees[1]

	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
Including by month			
January	1916	117,5	106,0
February	1955	115,8	104,2
March	2109	118,3	107,0
April	2107	116,5	106,6
May	2201	121,2	112,2
June	2373	122,1	114,7
July	2367	120,2	113,1
August	2280	121,1	112,3
September	2349	121,9	110,8
October	2322	121,4	110,8
November	2353	122,8	113,0
December	2629	120,1	110,5

[1] Prior to 2009, it includes data without employees of statistically small businesses and of natural persons-entrepreneurs. In 2010, by businesses, establishments, organisations and their separate units employing 10 and more employees. Rates of growth of indicators for nominal and real wages are defined using chain indices on the basis of comparative totals

18.8. Distribution of employees in December of 2008–2010, by nominal wages

(percent)



18.9. Average monthly nominal wages of employees, by type of economic activity[1]

(UAH)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010	
										UAH	percent of 2009
Total	**73**	**230**	**462**	**590**	**806**	**1041**	**1351**	**1806**	**1906**	**2239**	**120,0**
Agriculture, hunting, forestry	37	114	219	311	437	581	771	1101	1220	1467	120,9
Fishing	58	147	291	375	499	607	721	913	1028	1191	110,7
Industry	89	302	591	743	967	1212	1554	2017	2117	2580	124,6
Construction	103	260	546	709	894	1140	1486	1832	1511	1754	122,3
Trade; repair of motor vehicles, household appliances and personal demand items	66	226	394	509	713	898	1145	1514	1565	1874	122,4
Hotels and restaurants	51	178	340	429	567	735	944	1221	1267	1455	116,1
Transport and communications	90	336	685	843	1057	1328	1670	2207	2409	2726	114,9
transport	89	341	732	889	1090	1377	1734	2293	2464	2813	116,4
post and communications	93	317	548	710	967	1191	1485	1950	2240	2435	109,0
Financial activity	172	560	1051	1258	1553	2050	2770	3747	4038	4601	111,2
Real estate transactions, renting, engineering and provision of services to businessmen	75	278	527	667	900	1193	1595	2085	2231	2436	109,5
of which research and development	82	303	570	774	1048	1323	1741	2336	2556	2874	112,8
Public administration	81	335	577	691	1087	1578	1852	2581	2513	2747	107,3
Education	71	156	340	429	641	806	1060	1448	1611	1889	117,5
Health care and provision of social aid	75	138	279	351	517	658	871	1177	1307	1631	125,9
Provision of communal and individual services; cultural and sporting activity	63	162	299	400	620	828	1090	1511	1783	2065	118,3
of which cultural, sporting, recreational and entertainment activities	58	135	277	383	628	842	1109	1551	1870	2194	118,5

[1] See the footnote to Table 18.7

18.10. Average monthly nominal wages of employees, by type of industrial activity[1]

(UAH)

	2000	2003	2004	2005	2006	2007	2008	2009	2010	
									UAH	percent of 2009
Industry	**302**	**591**	**743**	**967**	**1212**	**1554**	**2017**	**2117**	**2580**	**124,6**
Mining	393	701	910	1246	1536	1970	2681	2894	3539	122,9
Manufacturing	271	553	701	905	1137	1456	1849	1856	2281	126,1
production of foodstuffs, beverages and tobacco products	281	496	597	780	986	1223	1618	1777	2137	122,6
light industry	162	323	422	527	653	810	1015	1052	1338	129,9
textile industry; sewing of clothes, fur and fur articles	164	315	418	523	646	801	1011	1037	1322	131,8
production of leather, leather articles and other materials	153	374	444	553	691	854	1033	1117	1403	122,4
wood working and production of wood products apart from furniture	191	450	561	707	879	1078	1347	1313	1511	122,8
cellulose and paper industry; printing	394	666	800	998	1275	1545	1938	1981	2197	121,5
production of coke and refined petroleum products	490	951	1174	1470	1697	2145	2689	2974	3454	116,8
chemical and petrochemical industry	305	568	724	960	1190	1481	1905	1880	2363	130,3
production of chemicals	318	581	748	1012	1261	1586	2047	2003	2586	130,1
production of rubber and plastic products	256	519	649	814	1020	1251	1598	1593	1880	126,7
production of other non-metallic mineral products	232	490	625	824	1067	1440	1818	1644	2001	125,7
metallurgy and production of finished metal products	421	781	994	1287	1560	2003	2418	2429	2916	122,6
engineering	222	497	640	821	1060	1389	1789	1709	2262	133,8
manufacture of machinery and equipment	226	493	639	832	1068	1380	1791	1744	2253	131,9
manufacture of electrical, electronic and optical equipment	173	416	555	737	952	1264	1633	1658	2098	127,7
manufacture of transport vehicles equipment	263	563	704	864	1129	1492	1901	1704	2411	140,4
other manufacture n.i.e.	212	443	583	704	846	1053	1364	1248	1463	119,7
Production and distribution of electricity, gas and water	371	651	767	969	1228	1577	2111	2394	2843	118,6

[1] See the footnote to Table 18.7

18.11. Average monthly nominal wages of employees, by region[1]

(UAH)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010	
										UAH	percent of 2009
Ukraine	**73**	**230**	**462**	**590**	**806**	**1041**	**1351**	**1806**	**1906**	**2239**	**120,0**
Autonomous Republic of Crimea	70	225	433	543	730	952	1220	1609	1707	1991	120,2
oblasts											
Vinnytsya	58	159	334	435	597	793	1028	1404	1511	1782	120,4
Volyn	53	150	319	412	591	773	1013	1380	1427	1692	123,2
Dnipropetrovsk	91	273	526	667	913	1139	1455	1876	1963	2369	123,3
Donetsk	97	292	550	712	962	1202	1535	2015	2116	2549	122,1
Zhytomyr	61	164	334	434	602	793	1033	1404	1493	1785	121,1
Zakarpattya	50	172	379	479	665	868	1091	1453	1562	1846	118,8
Zaporizhzhya	84	289	541	671	860	1091	1394	1812	1843	2187	121,3
Ivano-Frankivsk	65	188	402	510	718	923	1180	1543	1627	1927	121,8
Kyiv	78	241	470	592	811	1058	1362	1852	1987	2295	117,3
Kirovohrad	58	170	353	455	624	819	1054	1428	1537	1815	119,5
Luhansk	82	232	474	596	805	1022	1323	1769	1873	2271	123,4
Lviv	62	196	419	523	713	923	1183	1570	1667	1941	119,0
Mykolayiv	68	227	470	565	744	955	1202	1621	1806	2122	118,8
Odesa	66	236	454	566	768	966	1226	1633	1787	2046	119,1
Poltava	76	220	437	560	758	961	1243	1661	1733	2102	124,5
Rivne	61	173	390	506	685	888	1133	1523	1614	1960	124,3
Sumy	66	194	379	473	663	857	1098	1472	1593	1866	117,2
Ternopil	53	135	304	388	553	727	943	1313	1412	1659	119,6
Kharkiv	72	230	455	569	759	974	1251	1679	1804	2060	117,6
Kherson	59	173	356	451	625	800	1017	1375	1482	1733	118,0
Khmelnytskiy	55	156	323	419	584	792	1045	1429	1521	1786	122,7
Cherkasy	63	175	350	465	642	846	1085	1459	1532	1835	122,8
Chernivtsi	55	157	344	441	621	819	1051	1402	1523	1772	120,4
Chernihiv	57	177	342	438	602	790	1016	1370	1465	1711	120,5
cities											
Kyiv	100	405	761	967	1314	1729	2300	3074	3161	3431	115,8
Sevastopol	83	251	486	594	803	1005	1302	1726	1882	2167	119,9

[1] See the footnote to Table 18.7

18.12. The number and nominal wages of employees in 2010, by sex and type of economic activity[1]

	Averaged payroll staff, thsd.		Average monthly nominal wages of employees, UAH		
				females	
	males	females	males	UAH	percent of average monthly wages of males
Total	**5062,8**	**5695,7**	**2538**	**1974**	**77,8**
Agriculture, hunting, forestry	452,2	212,6	1507	1381	91,6
Fishing	7,0	1,4	1182	1239	104,9
Industry	1764,7	1077,1	2925	2014	68,8
Construction	303,5	76,6	1805	1549	85,8
Trade; repair of motor vehicles, household appliances and personal demand items	462,2	442,0	2048	1693	82,6
Hotels and restaurants	33,1	76,4	1647	1371	83,3
Transport and communications	571,6	373,6	2999	2309	77,0
transport	487,1	239,3	2969	2498	84,1
post and communications	84,5	134,3	3172	1972	62,2
Financial activity	90,5	178,6	5655	4068	71,9
Real estate transactions, renting, engineering and provision of services to businessmen	375,5	333,0	2498	2366	94,7
of which research and development	70,6	67,2	3094	2642	85,4
Public administration	229,1	420,9	2982	2619	87,9
Education	387,6	1251,9	2079	1830	88,0
Health care and provision of social aid	234,4	1034,1	1775	1599	90,0
Provision of communal and individual services; cultural and sporting activity	151,4	217,5	2499	1763	70,6
of which cultural, sporting, recreational and entertainment activities	97,4	164,7	2808	1831	65,2

[1] Data is by businesses, establishments, organisations and their separate units employing 10 and more employees

18.13. Average monthly pension

(beginning of year; UAH)

	1996[1]	2001[2]	2004[2]	2005[3]	2006[3]	2007[3]	2008[3]	2009[3]	2010[3]	2011[3]
Average monthly pensions payable to pensioners from the Pension Fund	38,7	83,7	182,2	316,2	406,8	478,4	751,4	898,4	999,0	1121,8
including										
old age	38,8	85,2	194,2	323,8	417,7	497,0	798,9	942,7	1039,6	1156,0
disability	45,6	94,5	170,9	305,2	393,2	435,8	598,2	742,7	848,8	1001,5
of which										
due to accident at work or occupational disease	56,5	89,7	156,9	278,7	280,5	280,5	287,1	588,9	682,1	824,7
1st group	55,5	99,8	166,2	288,5	290,2	291,9	299,8	559,0	642,7	771,7
2nd group	71,2	89,3	155,0	287,2	290,3	290,6	298,7	568,2	662,5	796,4
3rd group	46,9	88,7	156,6	275,8	277,8	277,9	284,4	593,9	687,3	831,8
to survivors who lost their benefactor	33,2	61,0	120,2	262,9	302,8	339,3	474,3	647,0	771,2	914,4
of which										
to families of employees and agricultural workers who lost their benefactor	30,7	58,8	121,4	260,5	299,1	333,0	468,7	644,7	768,9	912,2
long service	40,7	105,8	211,2	334,3	443,9	551,3	760,9	945,0	1104,8	1223,5
welfare	21,4	43,7	62,6	266,2	339,6	316,3	369,7	538,0	620,6	744,8

[1] Including compensations paid
[2] Including target money aid and indexation
[3] Including compensation paid and target aid as provided by current legislation

In 2011 as of January 1, average monthly pensions payable to pensioners is 1151,93 UAH.

18.14. Differentiation of household living standards[1]

	Quintile coefficient for differentiating the population income[2], times		Ratio of income[2] of 20% richest and 20% the poorest population, times		Share of population with per capita 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	4,1	3,6	37,6	27,2
2008	2,2	2,1	4,2	3,8	23,1	16,1
2009	2,2	2,1	4,1	3,7	23,0	15,5
2010	2,1	2,0	4,0	3,6	30,7	21,8

[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

18.15. Households, by size and number of children

(percent)

	2000			2009			2010		
	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	23,2	22,2	25,3	23,5	23,0	24,7
two persons	27,6	28,2	26,2	28,6	30,0	25,6	28,3	28,5	27,9
three persons	22,0	24,6	16,3	25,2	27,6	19,7	25,4	28,1	19,1
four persons	19,0	19,6	17,9	14,2	13,9	14,8	14,4	14,3	14,6
five and more persons	10,5	7,7	16,4	8,8	6,3	14,6	8,4	6,1	13,7
Average household size, persons	2,76	2,70	2,89	2,60	2,54	2,74	2,59	2,54	2,71
Percentage of households with children aged under 18	43,6	44,6	41,4	37,8	38,0	37,2	37,8	38,6	36,1
Percentage of households without children	56,4	55,4	58,6	62,2	62,0	62,8	62,2	61,4	63,9
Of total households, percentage of households with children aged									
under 3	5,2	4,8	6,0	8,2	8,5	7,5	7,8	8,3	6,8
under 7	13,7	12,9	15,5	16,9	17,6	15,2	17,5	18,7	15,0
under 14	32,8	33,0	32,3	28,8	28,9	28,4	29,6	30,6	27,6
under 16	38,8	39,5	37,3	32,7	32,8	32,6	33,7	34,6	31,9

18.16. Households with children, by number of children

(percent)

	2000			2009			2010		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
All households with children	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
including households with									
one child	61,0	66,5	48,0	72,1	77,2	60,2	73,5	78,8	60,8
two children	33,3	30,0	41,2	24,2	20,5	32,7	23,5	19,7	32,5
three children	4,1	2,7	7,5	3,4	2,2	6,3	2,5	1,4	5,3
four or more children	1,6	0,8	3,3	0,3	0,1	0,8	0,5	0,1	1,4

18.17. Population, by per capita money income

(percent)

	2008			2009			2010		
	all households	including by areas		all households	including by areas		all households	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 money income, UAH									
under 300,0	2,1	0,7	5,0	1,7	0,8	3,6	0,7	0,2	1,8
300,1–480,0	9,0	5,0	17,1	7,8	4,9	13,7	4,3	2,5	8,1
480,1–660,0	18,0	14,5	25,3	15,9	12,7	22,7	9,9	6,8	16,4
660,1–840,0	20,3	19,0	23,0	20,2	18,7	23,6	15,5	13,5	19,8
840,1–1020,0	15,4	17,0	12,2	16,3	17,5	13,8	18,4	17,9	19,1
1020,1–1200,0	11,9	13,8	7,8	11,5	12,6	9,2	14,7	15,4	13,4
1200,1–1380,0	7,4	9,3	3,5	8,4	9,6	5,8	10,1	11,1	7,9
1380,1–1560,0	5,2	6,4	2,7	5,6	6,7	3,2	7,1	8,3	4,7
1560,1–1740,0	3,1	4,0	1,3	4,0	5,1	1,8	4,7	5,7	2,7
1740,1–1920,0	2,2	3,0	0,6	2,4	3,1	0,8	4,3	5,2	2,4
over 1920,0	5,4	7,3	1,5	6,2	8,3	1,8	10,3	13,4	3,7
Quintile differentiation coefficient of cash income of the population, times	2,2	2,1	2,1	2,2	2,2	2,1	2,1	2,1	2,0
Ratio of money income of 20% richest and 20% poorest population (quintile coefficient for funds), times	4,2	3,9	3,9	4,1	4,0	3,6	4,0	3,9	3,7
Percentage of population with monthly average per capita money income, which is below subsistence level[1]	23,1	14,9	39,9	23,0	16,4	36,9	30,7	23,2	46,4

[1] In 2008, 607,5 UAH, in 2009 – 638,5 UAH, in 2010 – 843,17 UAH

18.18. Households, by per capita money income

(percent)

	2008			2009			2010		
	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**
Monthly average per capita money income, UAH									
under 300,0	1,5	0,6	3,6	1,3	0,6	2,8	0,6	0,2	1,4
300,1–480,0	6,4	3,8	12,1	5,6	3,7	9,8	3,1	1,9	5,8
480,1–660,0	16,1	12,9	23,3	12,9	10,5	18,2	7,0	5,0	11,7
660,1–840,0	20,9	18,9	25,5	20,6	18,6	25,3	13,3	11,5	17,4
840,1–1020,0	16,1	17,0	14,1	16,6	16,8	16,3	19,0	17,7	21,7
1020,1–1200,0	11,8	13,2	8,6	12,1	12,6	10,8	15,4	15,4	15,4
1200,1–1380,0	8,2	9,6	4,8	8,9	9,9	6,7	10,4	11,1	8,7
1380,1–1560,0	5,7	6,8	3,4	6,1	7,2	3,6	7,8	8,7	5,7
1560,1–1740,0	3,7	4,6	1,7	4,7	5,7	2,4	5,4	6,2	3,6
1740,1–1920,0	2,6	3,3	1,0	2,8	3,5	1,4	4,8	5,6	3,1
over 1920,0	7,0	9,3	1,9	8,4	10,9	2,7	13,2	16,7	5,5
Percentage of households with monthly average per capita money income, which is below subsistence level[1]	17,8	12,0	30,5	17,5	12,8	28,0	24,3	18,8	36,6

[1] See the footnote to Table 18.17

18.19. Households in 2010, by per capita money income, household size and number of children

(percent)

	All households	Monthly average per capita money income, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
All households	**100,0**	**0,6**	**3,1**	**7,0**	**13,3**	**19,0**	**15,4**
Breakdown by level of average per capita money income of households consisting of							
one person	100,0	0,6	0,9	0,8	9,3	22,8	16,0
two persons	100,0	0,3	1,6	4,2	9,9	17,3	16,1
three persons	100,0	0,4	2,8	8,0	14,3	18,2	15,6
four persons	100,0	1,0	6,5	13,9	19,4	18,5	15,9
five persons and more	100,0	1,3	8,9	19,7	22,7	17,4	9,8
All households with children	**100,0**	**0,9**	**6,0**	**13,9**	**19,6**	**18,8**	**14,2**
Breakdown by level of average per capita money income of households with							
one child	100,0	0,6	4,4	10,4	18,4	19,7	15,1
two children	100,0	1,5	9,1	23,7	22,7	16,9	12,1
three children	100,0	3,7	20,2	21,3	23,4	19,5	8,2
four or more children	100,0	8,3	25,0	35,6	30,8	0,3	—

Table 18.19 continued

	Monthly average per capita money income, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 843,17 UAH[1]
All households	**10,4**	**7,8**	**5,4**	**4,8**	**13,2**	**24,3**
Breakdown by level of average per capita money income of households consisting of						
one person	10,6	7,7	5,9	4,9	20,5	11,9
two persons	10,1	10,0	7,2	6,4	16,9	16,3
three persons	12,2	8,0	4,9	5,0	10,6	25,8
four persons	8,5	5,8	3,3	3,3	3,9	40,9
five persons and more	8,1	3,5	2,5	1,6	4,5	52,9
All households with children	**9,1**	**6,2**	**3,2**	**2,6**	**5,5**	**40,9**
Breakdown by level of average per capita money income of households with						
one child	10,5	7,5	3,7	3,0	6,7	34,3
two children	5,7	2,7	1,8	1,6	2,2	57,2
three children	—	1,6	0,9	—	1,2	68,6
four or more children	—	—	—	—	—	100,0

[1] The size of subsistence wage in 2010

18.20. Structure of household money expenditure

(average monthly per one household)

	2000			2009			2010		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
Total money expenditure, UAH	**417,7**	**457,6**	**329,6**	**2415,1**	**2624,6**	**1944,6**	**2773,1**	**3002,6**	**2259,0**
					Percent				
Consumption money expenditure	91,9	94,6	83,5	89,4	91,9	82,0	89,2	92,0	81,0
food products (including catering outside home, alcoholic beverages and tobacco)	62,7	64,5	57,2	53,4	54,6	49,6	53,5	55,2	48,2
manufactured goods and services	29,2	30,1	26,3	36,0	37,3	32,4	35,7	36,8	32,8
Monetary support to relatives, friends and other persons	1,8	1,5	2,6	3,6	3,1	4,8	3,6	3,0	5,1
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	6,3	3,9	13,9	7,0	5,0	13,2	7,2	5,0	13,9

18.21. Structure of household money expenditure, by household size

(average monthly per one household)

	2009						2010					
	all households	number of members					all households	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total money expenditure, UAH	**2415,1**	**1289,6**	**2218,7**	**2817,5**	**3070,0**	**3808,4**	**2773,1**	**1480,5**	**2540,2**	**3299,9**	**3610,2**	**4144,2**
						Percent						
Consumption money expenditure	89,4	89,6	87,2	90,9	90,4	89,3	89,2	90,0	86,5	90,4	91,3	88,2
food products (including catering outside home, alcoholic beverages and tobacco)	53,4	58,2	53,9	52,7	53,4	50,1	53,5	57,4	54,0	52,4	53,5	51,4
manufactured goods and services	36,0	31,4	33,3	38,2	37,0	39,2	35,7	32,6	32,5	38,0	37,8	36,8
Monetary support to relatives, friends and other persons	3,6	5,0	5,6	2,7	1,9	1,9	3,6	5,0	6,0	2,6	2,0	2,0
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	7,0	5,4	7,2	6,4	7,7	8,8	7,2	5,0	7,5	7,0	6,7	9,8

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

(average monthly per one household)

	2009					2010				
	all households with children	number of children				all households with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total money expenditure, UAH	**2958,1**	**2899,0**	**2947,2**	**4179,6**	**4118,9**	**3395,9**	**3373,9**	**3463,4**	**3486,4**	**2991,3**
					Percent					
Consumption money expenditure	91,3	91,5	90,9	92,8	63,9	90,7	90,6	90,9	89,8	89,6
food products (including catering outside home, alcoholic beverages and tobacco)	52,6	53,2	53,5	41,4	33,9	52,5	52,6	52,3	55,3	58,8
manufactured goods and services	38,7	38,3	37,4	51,4	30,0	38,2	38,0	38,6	34,5	30,8
Monetary support to relatives, friends and other persons	1,9	2,1	1,6	1,0	2,0	1,9	2,0	1,6	1,4	0,6
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	6,8	6,4	7,5	6,2	34,1	7,4	7,4	7,5	8,8	9,8

18.23. Structure of household money expenditure in 2010, by different money per capita income

(average monthly per one household)

	All households	Monthly average per capita money income, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
Total money expenditure, UAH	**2773,1**	**1072,6**	**1633,3**	**2082,2**	**2180,0**	**2175,9**	**2523,5**
				Percent			
Consumption money expenditure	89,2	96,0	93,3	92,2	91,8	91,4	90,6
food products (including catering outside home, alcoholic beverages and tobacco)	53,5	67,0	62,3	59,2	58,6	57,7	55,7
manufactured goods and services	35,7	29,0	31,0	33,0	33,2	33,7	34,9
Monetary support to relatives, friends and other persons	3,6	0,6	1,0	1,4	2,4	3,0	3,2
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	7,2	3,4	5,7	6,4	5,8	5,6	6,2

Table 18.23 continued

	Monthly average per capita money income, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 843,17 UAH[1]
Total money expenditure, UAH	**2844,4**	**3015,5**	**3213,6**	**3628,5**	**4534,1**	**2055,4**
			Percent			
Consumption money expenditure	90,7	90,9	89,7	89,8	82,8	92,1
food products (including catering outside home, alcoholic beverages and tobacco)	54,6	55,0	52,2	51,2	44,8	59,3
manufactured goods and services	36,1	35,9	37,5	38,6	38,0	32,8
Monetary support to relatives, friends and other persons	3,2	3,6	4,4	4,2	5,4	2,0
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	6,1	5,5	5,9	6,0	11,8	5,9

[1] See the footnote to Table 18.19

18.24. Population, by total per capita income

(percent)

	2008			2009			2010		
	all households	including by areas		all households	including by areas		all households	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 total income, UAH									
under 300,0	0,9	0,3	2,0	0,5	0,3	0,9	0,2	0,1	0,4
300,1–480,0	6,1	4,0	10,3	4,3	3,5	6,0	2,0	1,4	3,2
480,1–660,0	15,0	12,4	20,2	12,5	10,3	17,0	6,5	5,1	9,5
660,1–840,0	19,5	17,8	23,3	19,0	17,7	21,7	13,0	11,8	15,4
840,1–1020,0	18,2	18,3	18,2	18,3	17,5	20,1	17,0	16,5	18,0
1020,1–1200,0	12,7	14,1	9,8	13,9	14,4	12,8	16,9	16,5	17,9
1200,1–1380,0	9,3	10,4	6,9	9,7	10,2	8,5	12,6	12,8	12,0
1380,1–1560,0	5,9	7,1	3,4	6,7	7,4	5,2	9,1	9,0	9,5
1560,1–1740,0	3,7	4,2	2,6	5,1	5,8	3,5	5,7	6,3	4,4
1740,1–1920,0	2,6	3,3	1,2	2,9	3,8	1,2	4,6	5,3	3,2
over 1920,0	6,1	8,1	2,1	7,1	9,1	3,1	12,4	15,2	6,5
Quintile differentiation coefficient of total income of the population, times	2,1	2,1	2,0	2,1	2,1	2,0	2,0	2,0	1,9
Ratio of total income of 20% richest and 20% poorest population (quintile coefficient for funds), times	3,8	3,8	3,4	3,7	3,8	3,2	3,6	3,7	3,2
Percentage of population with monthly average per capita total income, which is below subsistence level[1]	16,1	11,5	25,4	15,5	12,6	21,6	21,8	18,6	28,6

[1] See the footnote to Table 18.17

18.25. Households, by total per capita income

(percent)

	2008			2009			2010		
	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**
Monthly average per capita total income, UAH									
under 300,0	0,6	0,3	1,4	0,4	0,3	0,7	0,2	0,2	0,3
300,1–480,0	4,3	3,1	7,2	3,2	2,7	4,3	1,4	1,0	2,2
480,1–660,0	11,6	10,0	15,2	9,3	8,0	12,1	4,8	3,9	6,9
660,1–840,0	18,9	17,3	22,3	17,0	16,3	18,7	9,6	9,0	10,9
840,1–1020,0	19,1	18,3	20,7	18,2	17,1	21,0	15,5	15,4	15,9
1020,1–1200,0	13,2	13,8	11,7	14,7	14,5	15,0	17,2	16,5	18,7
1200,1–1380,0	10,1	10,9	8,5	10,4	10,5	10,1	13,2	12,9	13,9
1380,1–1560,0	6,6	7,4	4,9	7,7	8,0	6,9	10,1	9,5	11,2
1560,1–1740,0	4,5	5,0	3,4	5,7	6,3	4,5	6,6	6,9	5,9
1740,1–1920,0	3,1	3,6	1,8	3,6	4,3	2,0	5,5	6,0	4,4
over 1920,0	8,0	10,3	2,9	9,8	12,0	4,7	15,9	18,7	9,7
Percentage of households with monthly average per capita total income, which is below subsistence level[1]	11,8	8,9	18,0	11,4	9,6	15,5	16,1	14,2	20,3

[1] See the footnote to Table 18.17

18.26. Households in 2010, by total per capita income, household size and number of children

(percent)

	All households	Monthly average per capita total income, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
All households	**100,0**	**0,2**	**1,4**	**4,8**	**9,6**	**15,5**	**17,2**
Breakdown by level of average per capita total income of households consisting of							
one person	100,0	0,2	0,3	0,9	2,4	12,2	19,0
two persons	100,0	0,2	0,6	2,9	5,5	13,1	16,1
three persons	100,0	0,2	1,4	4,9	11,9	17,6	16,6
four persons	100,0	0,1	2,9	11,1	16,6	19,8	18,8
five persons and more	100,0	0,3	4,1	10,8	24,6	19,9	15,3
All households with children	**100,0**	**0,3**	**2,9**	**9,5**	**18,3**	**20,1**	**16,8**
Breakdown by level of average per capita total income of households with							
one child	100,0	0,3	2,2	6,9	15,9	20,2	17,3
two children	100,0	0,3	4,9	15,5	24,1	20,2	16,1
three children	100,0	0,7	5,1	24,3	29,3	17,3	10,0
four or more children	100,0	1,4	7,7	37,4	34,3	11,3	7,9

Table 18.26 continued

	Monthly average per capita total income, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 843,17 UAH[1]
All households	**13,2**	**10,1**	**6,6**	**5,5**	**15,9**	**16,1**
Breakdown by level of average per capita total income of households consisting of						
one person	14,2	11,3	7,9	6,9	24,7	3,9
two persons	14,2	11,3	8,6	7,1	20,4	9,3
three persons	14,0	10,0	6,0	5,2	12,2	18,5
four persons	10,8	7,3	4,2	2,8	5,6	31,0
five persons and more	9,0	6,7	2,3	1,7	5,3	40,1
All households with children	**11,5**	**7,4**	**4,0**	**2,8**	**6,4**	**31,2**
Breakdown by level of average per capita total income of households with						
one child	12,5	9,0	4,6	3,3	7,8	25,4
two children	8,7	3,3	2,6	1,6	2,7	45,1
three children	8,9	2,3	0,6	0,3	1,2	59,4
four and more children	—	—	—	—	—	81,7

[1] See the footnote to Table 18.19

18.27. Structure of total household expenditure

(average monthly per one household)

	2000			2009			2010		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
Total expenditure, UAH	**541,3**	**547,3**	**528,1**	**2754,1**	**2913,3**	**2396,5**	**3072,7**	**3209,8**	**2765,6**
					Percent				
Total consumer expenditure	93,3	93,8	92,5	87,8	88,0	87,1	90,0	91,0	87,4
food products (including catering outside home, alcoholic beverages and tobacco)	67,9	65,3	74,1	55,0	53,1	60,1	56,7	55,6	59,9
manufactured goods and services	25,4	28,5	18,4	32,8	34,9	27,0	33,3	35,4	27,5
payment for housing, communal products and services	6,9	8,1	4,2	7,7	8,7	4,9	7,6	8,6	4,9
of which sum of benefits and subsidies	2,3	2,5	1,8	0,7	0,7	0,5	0,6	0,6	0,5
Non-consumption total expenditure	6,7	6,2	7,5	12,2	12,0	12,9	10,0	9,0	12,6

18.28. Structure of total household expenditure, by household size

(average monthly per one household)

	2009						2010					
	all households	number of members					all households	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total expenditure, UAH	**2754,1**	**1442,2**	**2490,4**	**3237,8**	**3541,8**	**4409,5**	**3072,7**	**1653,0**	**2801,2**	**3587,9**	**4026,1**	**4764,4**
						Percent						
Total consumer expenditure	87,8	90,4	86,6	86,6	87,9	90,1	90,0	91,3	87,6	90,4	91,4	90,7
food products (including catering outside home, alcoholic beverages and tobacco)	55,0	60,0	55,4	52,4	54,9	55,2	56,7	60,0	56,8	54,8	56,7	57,9
manufactured goods and services	32,8	30,4	31,2	34,2	33,0	34,9	33,3	31,3	30,8	35,6	34,7	32,8
payment for housing, communal products and services	7,7	10,0	8,5	7,6	6,8	5,6	7,6	9,8	8,0	7,6	6,6	5,7
of which sum of benefits and subsidies	0,7	1,6	0,9	0,4	0,4	0,4	0,6	1,5	0,7	0,3	0,3	0,4
Non-consumption total expenditure	12,2	9,6	13,4	13,4	12,1	9,9	10,0	8,7	12,4	9,6	8,6	9,3

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

(average monthly per one household)

	2009					2010				
	all households with children	number of children				all households with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total expenditure, UAH	**3393,9**	**3303,1**	**3437,0**	**4841,0**	**5197,1**	**3780,5**	**3706,2**	**3963,2**	**4173,8**	**4165,4**
					Percent					
Total consumer expenditure	89,1	88,7	90,1	92,8	72,9	91,1	90,8	91,6	92,7	95,3
food products (including catering outside home, alcoholic beverages and tobacco)	54,4	54,1	57,1	47,1	47,9	56,0	55,4	57,1	62,9	71,6
manufactured goods and services	34,7	34,6	33,0	45,7	25,0	35,1	35,4	34,5	29,8	23,7
payment for housing, communal products and services	7,1	7,5	6,6	5,1	2,9	7,1	7,5	6,4	5,3	3,2
of which sum of benefits and subsidies	0,3	0,4	0,3	0,1	0,1	0,3	0,3	0,2	0,5	0,5
Non-consumption total expenditure	10,9	11,3	9,9	7,2	27,1	8,9	9,2	8,4	7,3	4,7

18.30. Structure of total household expenditure in 2010, by different total per capita income

(average monthly per one household)

	All households	Monthly average per capita total income, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
Total expenditure, UAH	**3072,7**	**1270,1**	**1762,6**	**2204,6**	**2588,9**	**2558,1**	**2639,6**
				Percent			
Total consumer expenditure	90,0	99,1	97,7	96,6	95,1	94,1	92,3
food products (including catering outside home, alcoholic beverages and tobacco)	56,7	72,0	71,4	68,4	64,9	62,9	60,3
manufactured goods and services	33,3	27,1	26,3	28,2	30,2	31,2	32,0
payment for housing, communal products and services	7,6	6,5	8,2	7,5	7,8	8,2	8,1
of which sum of benefits and subsidies	0,6	0,2	0,2	0,4	0,4	0,6	0,8
Non-consumption total expenditure	10,0	0,9	2,3	3,4	4,9	5,9	7,7

Table 18.30 continued

	Monthly average per capita total income, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 843,17 UAH[1]
Total expenditure, UAH	**2917,6**	**3095,7**	**3218,1**	**3562,7**	**4614,5**	**2387,3**
			Percent			
Total consumer expenditure	91,9	90,6	89,8	88,5	82,6	95,6
food products (including catering outside home, alcoholic beverages and tobacco)	58,7	57,6	55,6	52,9	46,2	66,3
manufactured goods and services	33,2	33,0	34,2	35,6	36,4	29,3
payment for housing, communal products and services	7,7	7,8	8,1	7,5	6,4	7,8
of which						
sum of benefits and subsidies	0,7	0,7	0,7	0,5	0,4	0,4
Non-consumption total expenditure	8,1	9,4	10,2	11,5	17,4	4,4

[1] See the footnote to Table 18.19

18.31. Structure of household expenditure in 2010, by basic consumption expenditure

(average monthly per one household)

	Total expenditure			Money expenditure		
	all households	including by areas		all households	including by areas	
		urban	rural		urban	rural
Total expenditure, UAH	**3072,7**	**3209,8**	**2765,6**	**2773,1**	**3002,6**	**2259,0**
			Percent			
Consumption expenditure	90,0	91,0	87,4	89,2	92,0	81,0
food goods and non-alcoholic beverages	51,6	49,9	56,1	47,9	49,3	43,6
alcohol	1,5	1,7	1,1	1,6	1,7	1,3
tobacco	1,8	1,9	1,8	2,1	2,1	2,2
clothing and footwear	6,1	6,0	6,2	6,8	6,4	7,6
housing, water, electricity, gas and other fuel	9,3	10,0	7,4	9,6	10,0	8,5
furniture, personal effects, household appliances and daily household services	2,4	2,3	2,4	2,6	2,5	2,9
health care	3,1	3,2	3,0	3,2	3,1	3,5
transport	3,7	4,0	2,9	3,9	4,1	3,5
communications	2,7	3,0	1,8	2,9	3,2	2,1
recreation and culture	1,8	2,2	0,8	2,0	2,2	1,0
education	1,3	1,5	0,9	1,4	1,7	1,1
hotels, cafes and restaurants	2,4	2,8	1,2	2,6	3,0	1,4
other goods and services	2,3	2,5	1,8	2,6	2,7	2,3

18.32. Structure of household money income

(average monthly per one household)

	2000			2009			2010		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
Total money income, UAH	**288,0**	**306,4**	**247,3**	**2670,0**	**2870,7**	**2219,0**	**3126,4**	**3358,1**	**2607,4**
					Percent				
Labour remuneration	54,6	61,9	34,5	54,2	58,7	41,2	53,0	58,0	38,9
Income from entrepreneurship and self-employment	3,5	3,9	2,5	5,9	5,9	5,5	6,8	7,2	5,7
Income from sales of agricultural products	7,8	1,5	24,9	3,4	0,5	11,4	3,8	0,5	13,2
Cash pensions, stipends and benefits	23,3	22,3	26,4	29,2	27,5	34,5	28,8	26,7	34,7
Monetary support from relatives and other individuals and other money income	10,8	10,4	11,7	7,3	7,4	7,4	7,6	7,6	7,5

18.33. Structure of household money income, by household size

(average monthly per one household)

	2009						2010					
	all households	number of members					all households	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total cash income, UAH	**2670,0**	**1262,6**	**2445,7**	**3113,3**	**3479,6**	**4527,7**	**3126,4**	**1482,9**	**2829,2**	**3780,5**	**4134,2**	**5017,6**
						Percent						
Labour remuneration	54,2	29,7	43,0	65,0	62,3	60,6	53,0	27,7	43,7	63,7	62,1	55,2
Income from entrepreneurship and self-employment	5,9	3,3	3,7	7,2	8,1	6,3	6,8	2,4	3,2	9,4	10,0	7,3
Income from sales of agricultural products	3,4	2,8	3,7	2,3	3,8	4,5	3,8	3,2	4,0	2,9	4,1	5,3
Cash pensions, stipends and benefits	29,2	51,1	42,3	18,6	19,4	23,7	28,8	52,0	41,6	16,4	18,2	28,1
Monetary support from relatives and other individuals and other money income	7,3	13,1	7,3	6,9	6,4	4,9	7,6	14,7	7,5	7,6	5,6	4,1

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

(average monthly per one household)

	2009					2010				
	all households with children	number of children				all households with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total cash income, UAH	**3282,4**	**3195,2**	**3254,0**	**5180,1**	**4927,2**	**3798,3**	**3764,9**	**3895,7**	**3910,6**	**3559,6**
					Percent					
Labour remuneration	63,7	65,6	58,0	66,3	31,8	60,8	63,5	54,8	44,8	23,0
Income from entrepreneurship and self-employment	7,7	7,2	10,1	5,2	3,8	9,8	9,0	12,2	7,1	7,6
Income from sales of agricultural products	3,4	2,6	5,2	3,3	17,4	3,9	3,3	5,2	6,8	11,5
Cash pensions, stipends and benefits	17,2	16,5	19,0	18,0	41,8	17,4	15,6	20,1	36,3	52,9
Monetary support from relatives and other individuals and other money income	8,0	8,1	7,7	7,2	5,2	8,1	8,6	7,7	5,0	5,0

18.35. Structure of household money income in 2010, by different money per capita income

(average monthly per one household)

	All households	Monthly average per capita money income, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
Total money income, UAH	**3126,4**	**757,8**	**1490,9**	**2117,7**	**2281,9**	**2322,9**	**2748,0**
				Percent			
Labour remuneration	53,0	40,6	50,0	50,4	48,9	47,2	50,0
Income from entrepreneurship and self-employment	6,8	1,5	2,0	4,8	4,5	4,7	5,9
Income from sales of agricultural products	3,8	6,9	7,6	6,8	4,6	4,1	4,3
Cash pensions, stipends and benefits	28,8	32,9	29,0	28,7	34,8	37,2	32,7
Monetary support from relatives and other individuals and other money income	7,6	18,1	11,4	9,3	7,2	6,8	7,1

Table 18.35 continued

	Monthly average per capita money income, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 843,17 UAH[1]
Total money income, UAH	**3246,1**	**3464,2**	**3733,2**	**4217,3**	**5652,4**	**2097,4**
			Percent			
Labour remuneration	54,5	54,9	58,3	59,1	56,5	49,4
Income from entrepreneurship and self-employment	7,0	7,0	6,8	7,0	10,2	4,3
Income from sales of agricultural products	4,8	2,9	3,2	2,4	2,6	5,6
Cash pensions, stipends and benefits	27,4	27,7	25,5	25,7	21,8	32,5
Monetary support from relatives and other individuals and other money income	6,3	7,5	6,2	5,8	8,9	8,2

[1] See the footnote to Table 18.19

18.36. Structure of household total resources

(average monthly per one household)

	2000			2009			2010		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
Total resources, UAH	**422,9**	**406,8**	**458,4**	**3015,3**	**3149,4**	**2714,0**	**3469,1**	**3605,1**	**3164,6**
					Percent				
Money income	68,1	75,3	54,0	88,5	91,2	81,8	90,1	93,1	82,4
labour remuneration	37,1	46,6	18,7	47,9	53,4	33,7	47,9	54,1	32,0
income from entrepreneurship and self-employment	2,4	3,0	1,4	5,1	5,4	4,6	6,2	6,8	4,8
income from sales of agricultural products	5,3	1,1	13,4	2,9	0,5	9,4	3,4	0,5	10,9
cash pensions, stipends and benefits	15,9	16,7	14,2	26,0	25,2	28,1	25,9	24,8	28,5
monetary support from relatives and other individuals and other money income	7,4	7,9	6,3	6,6	6,7	6,0	6,7	6,9	6,2
Value of consumed products that were produced at private subsistence farms or individually procured	17,1	8,0	34,9	4,6	1,7	12,4	4,8	1,7	12,9
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	2,9	3,3	2,0	0,6	0,7	0,4	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[1]	0,9	1,2	0,3	0,6	0,6	0,3	0,5	0,5	0,2
Other receipts	11,0	12,2	8,8	5,7	5,8	5,1	4,1	4,1	4,1

[1] In 2000, non-cash benefits to pay for places in sanatoria and resorts, inter-city transport and communications

18.37. Structure of household total resources, by household size

(average monthly per one household)

	2009						2010					
	all households	number of members					all households	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total resources, UAH	**3015,3**	**1440,5**	**2749,3**	**3490,6**	**3921,9**	**5200,3**	**3469,1**	**1684,4**	**3139,1**	**4133,5**	**4557,6**	**5695,3**
						Percent						
Money income	88,5	87,6	89,0	89,2	88,7	87,1	90,1	88,0	90,1	91,5	90,7	88,1
labour remuneration	47,9	26,0	38,3	57,8	55,3	52,7	47,9	24,5	39,3	58,2	56,3	48,7
income from entrepreneurship and self-employment	5,1	2,8	3,3	6,3	7,3	5,4	6,2	2,1	2,8	8,6	9,1	6,4
income from sales of agricultural products	2,9	2,5	3,3	2,1	3,4	3,9	3,4	2,8	3,6	2,7	3,8	4,6
cash pensions, stipends and benefits	26,0	44,8	37,6	16,7	17,1	20,7	25,9	45,7	37,5	15,1	16,4	24,8
monetary support from relatives and other individuals and other money income	6,6	11,5	6,5	6,3	5,6	4,4	6,7	12,9	6,9	6,9	5,1	3,6
Value of consumed products that were produced at private subsistence farms or individually procured	4,6	5,0	4,5	3,5	4,6	6,9	4,8	5,2	4,8	3,2	4,8	7,7
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,6	1,6	0,8	0,4	0,4	0,3	0,5	1,5	0,7	0,2	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	0,6	0,6	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,4	0,4	0,4
Other receipts	5,7	5,2	5,2	6,4	5,8	5,2	4,1	4,8	3,9	4,7	3,8	3,4

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

(average monthly per one household)

	2009					2010				
	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	**3697,2**	**3570,4**	**3742,2**	**5830,9**	**6167,6**	**4222,6**	**4142,9**	**4419,2**	**4619,6**	**4737,7**
					Percent					
Money income	88,8	89,5	87,0	88,8	79,9	89,8	90,6	88,2	84,7	75,1
labour remuneration	56,5	58,7	50,4	58,9	25,5	54,5	57,6	48,3	38,0	17,4
income from entrepreneurship and self-employment	6,9	6,4	8,7	4,5	3,0	8,7	8,1	10,8	6,0	5,7
income from sales of agricultural products	3,0	2,3	4,5	2,9	13,9	3,5	3,0	4,6	5,8	8,6
cash pensions, stipends and benefits	15,3	14,8	16,6	16,0	33,4	15,7	14,3	17,7	30,7	39,6
monetary support from relatives and other individuals and other money income	7,1	7,3	6,8	6,5	4,1	7,4	7,6	6,8	4,2	3,8
Value of consumed products that were produced at private subsistence farms or individually procured	4,7	4,0	6,4	6,1	13,2	4,9	4,0	6,7	10,5	20,4
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,3	0,3	0,3	0,1	0,1	0,2	0,3	0,2	0,4	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	0,6	0,6	0,6	1,0	0,8	0,5	0,5	0,3	0,5	0,8
Other receipts	5,6	5,6	5,7	4,0	6,0	4,6	4,6	4,6	3,9	3,3

18.39. Structure of household total resources in 2010, by different total per capita income

(average monthly per one household)

	All households	Monthly average per capita total income, UAH											
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 843,17 UAH[1]
Total resources, UAH	**3469,1**	**846,2**	**1586,1**	**2113,9**	**2703,4**	**2696,6**	**2877,5**	**3233,6**	**3542,9**	**3747,0**	**4115,3**	**5735,4**	**2413,2**
						Percent							
Money income	90,1	71,7	85,8	84,5	87,6	88,9	89,0	89,6	90,3	90,7	90,8	92,6	86,6
labour remuneration	47,9	30,0	43,2	45,7	47,4	45,7	44,2	44,4	48,1	50,6	50,9	51,3	46,7
income from entrepreneurship and self-employment	6,2	4,3	0,6	3,1	4,2	3,8	5,1	6,2	6,4	5,6	6,4	8,9	3,6
income from sales of agricultural products	3,4	0,5	4,3	3,7	3,4	3,9	3,1	3,7	4,7	3,1	2,9	3,0	3,5
cash pensions, stipends and benefits	25,9	21,4	28,3	23,2	25,4	29,4	30,6	29,4	25,0	25,0	24,8	21,5	25,0
monetary support from relatives and other individuals and other money income	6,7	15,5	9,4	8,8	7,2	6,1	6,0	5,9	6,1	6,4	5,8	7,9	7,8
Value of consumed products that were produced at private subsistence farms or individually procured	4,8	5,6	8,9	9,7	7,7	6,5	5,9	5,5	5,3	4,2	2,9	2,0	8,3
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,5	0,3	0,2	0,4	0,4	0,6	0,6	0,6	0,6	0,6	0,5	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	0,0	0,0	0,2	0,2	0,3	0,4	0,4	0,5	0,4	0,5	0,7	0,2
Other receipts	4,1	22,4	5,1	5,2	4,1	3,7	4,1	3,9	3,3	4,1	5,3	4,4	4,5

[1] See the footnote to Table 18.19

18.40. Foodstuffs consumed by households

(average monthly per capita; kg)

	2000			2009			2010		
	all households	including by areas		all households	including by areas		all households	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	4,8	5,2	3,9	5,1	5,5	4,2
Milk and dairy products	17,1	15,4	20,5	19,8	19,5	20,2	19,1	18,9	19,6
Eggs, pcs	18	20	16	20	21	18	20	21	18
Fish and fish products	1,3	1,4	1,1	1,8	1,9	1,7	1,8	1,8	1,7
Sugar	3,5	3,5	3,5	3,2	3,1	3,5	3,0	2,9	3,3
Sunflower-seed oil and other vegetables oils	1,8	1,9	1,6	1,9	1,9	1,8	1,8	1,8	1,8
Potatoes	10,4	9,0	13,1	8,0	6,9	10,3	7,6	6,4	10,0
Vegetables, melons and gourds	9,5	9,7	9,3	10,1	10,2	10,0	9,5	9,4	9,8
Fruit, berries, nuts and grapes	2,5	2,7	1,9	3,6	4,2	2,2	3,7	4,4	2,3
Bread and bakery products	10,7	10,5	11,2	9,3	8,5	10,9	9,3	8,5	11,0

18.41. Foodstuffs consumed by households, by household size

(average monthly per capita; kg)

	2009						2010					
	all households	number of members					all households	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Meat and meat products	4,8	6,0	5,7	4,8	4,1	3,8	5,1	6,5	6,1	5,1	4,3	3,8
Milk and dairy products	19,8	28,8	22,4	18,3	16,5	17,3	19,1	27,7	21,9	17,7	16,4	16,4
Eggs, pcs	20	21	23	19	19	17	20	21	23	20	19	17
Fish and fish products	1,8	2,7	2,3	1,7	1,5	1,3	1,8	2,5	2,2	1,7	1,4	1,4
Sugar	3,2	4,7	3,7	3,0	2,7	2,7	3,0	4,2	3,5	2,8	2,6	2,5
Sunflower-seed oil and other vegetables oils	1,9	2,9	2,2	1,7	1,5	1,5	1,8	2,9	2,1	1,6	1,5	1,4
Potatoes	8,0	10,5	8,8	7,2	7,0	8,2	7,6	10,1	8,5	6,7	6,9	7,4
Vegetables, melons and gourds	10,1	14,7	12,0	9,5	8,4	7,9	9,5	13,7	11,3	8,9	8,1	7,4
Fruit, berries, nuts and grapes	3,6	4,7	3,9	3,7	3,1	2,8	3,7	4,9	4,1	3,9	3,3	2,9
Bread and bakery products	9,3	14,1	10,6	8,3	7,9	8,1	9,3	14,1	10,6	8,3	7,9	8,0

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

(average monthly per capita; kg)

	2009					2010				
	all households with children	number of children				all households with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Meat and meat products	4,1	4,4	3,6	3,1	2,5	4,3	4,6	3,8	3,5	2,9
Milk and dairy products	17,2	17,3	16,8	16,9	17,9	16,7	16,9	16,3	15,3	19,7
Eggs, pcs	18	19	18	16	12	19	19	18	17	15
Fish and fish products	1,5	1,6	1,3	1,2	0,8	1,4	1,5	1,2	1,4	1,0
Sugar	2,7	2,8	2,6	2,5	2,4	2,6	2,6	2,5	2,7	2,7
Sunflower-seed oil and other vegetables oils	1,5	1,6	1,4	1,4	1,3	1,5	1,5	1,4	1,4	1,4
Potatoes	7,2	7,0	7,2	7,8	11,0	6,7	6,4	7,1	8,1	9,6
Vegetables, melons and gourds	8,3	8,7	7,7	7,5	7,1	8,0	8,3	7,5	6,9	7,3
Fruit, berries, nuts and grapes	3,3	3,6	2,9	2,9	2,6	3,4	3,6	3,1	3,1	2,5
Bread and bakery products	7,8	7,9	7,5	7,8	7,2	7,9	7,9	7,7	7,9	9,0

18.43. Foodstuffs consumed by households in 2010, by different total per capita income

(average monthly per capita; kg)

	All households	Monthly average per capita total income, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,0–1200,0
Meat and meat products	5,1	2,2	2,5	3,2	3,7	4,4	4,8
Milk and dairy products	19,1	9,4	10,0	12,8	14,4	17,2	18,7
Eggs, pcs	20	16	15	17	18	19	20
Fish and fish products	1,8	1,0	1,0	1,2	1,3	1,6	1,7
Sugar	3,0	1,9	1,9	2,3	2,4	2,8	3,0
Sunflower-seed oil and other vegetables oils	1,8	1,2	1,4	1,4	1,6	1,7	1,8
Potatoes	7,6	4,8	7,1	6,9	7,0	7,4	7,8
Vegetables, melons and gourds	9,5	5,0	5,6	7,1	7,5	8,8	9,5
Fruit, berries, nuts and grapes	3,7	1,1	1,5	2,1	2,6	3,1	3,5
Bread and bakery products	9,3	8,6	7,7	8,3	8,4	9,1	9,5

Table 18.43 continued

	Monthly average per capita total income, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 843,17 UAH[1]
Meat and meat products	5,3	5,7	6,2	6,3	7,2	3,4
Milk and dairy products	20,1	21,2	22,1	24,2	25,7	13,5
Eggs, pcs	21	22	21	21	22	17
Fish and fish products	1,9	1,9	2,1	2,1	2,4	1,2
Sugar	3,3	3,3	3,3	3,4	3,6	2,3
Sunflower-seed oil and other vegetables oils	1,9	1,9	1,9	2,0	2,0	1,5
Potatoes	7,7	8,0	8,0	7,4	7,9	7,0
Vegetables, melons and gourds	10,0	10,7	10,9	11,1	11,9	7,2
Fruit, berries, nuts and grapes	3,8	4,1	4,4	4,9	6,0	2,3
Bread and bakery products	9,7	9,8	9,8	9,7	9,5	8,3

[1] See the footnote to Table 18.19

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

(average monthly per capita; kg)

	2009						
	all households	including by quintile (20%) groups					monthly average per capita total income, which is below subsistence level[1]
		first	second	third	fourth	fifth	
Meat and meat products	4,8	3,3	4,1	4,8	5,6	6,9	3,0
Milk and dairy products	19,8	14,7	17,7	20,1	22,6	26,2	13,4
Eggs, pcs	20	17	19	20	21	22	17
Fish and fish products	1,8	1,3	1,7	1,9	2,1	2,5	1,2
Sugar	3,2	2,7	3,1	3,4	3,5	3,7	2,5
Sunflower-seed oil and other vegetables oils	1,9	1,6	1,8	1,9	2,0	2,1	1,5
Potatoes	8,0	7,6	8,1	8,2	8,3	8,1	7,4
Vegetables, melons and gourds	10,1	7,7	9,2	10,5	11,4	13,0	7,2
Fruit, berries, nuts and grapes	3,6	2,2	2,8	3,5	4,3	5,7	1,9
Bread and bakery products	9,3	8,6	9,2	9,6	9,6	9,6	8,2

Table 18.44 continued

	2010						
	all households	including by quintile (20%) groups					monthly average per capita total income, which is below subsistence level[1]
		first	second	third	fourth	fifth	
Meat and meat products	5,1	3,5	4,6	5,2	5,8	7,1	3,4
Milk and dairy products	19,1	13,9	18,0	19,6	21,5	25,5	13,5
Eggs, pcs	20	17	20	20	21	22	17
Fish and fish products	1,8	1,3	1,6	1,9	2,0	2,4	1,2
Sugar	3,0	2,4	2,9	3,2	3,3	3,6	2,3
Sunflower-seed oil and other vegetables oils	1,8	1,6	1,8	1,9	1,9	2,0	1,5
Potatoes	7,6	7,0	7,6	7,7	7,9	7,8	7,0
Vegetables, melons and gourds	9,5	7,3	9,1	9,9	10,7	11,8	7,2
Fruit, berries, nuts and grapes	3,7	2,4	3,3	3,7	4,2	5,8	2,3
Bread and bakery products	9,3	8,4	9,3	9,8	9,7	9,6	8,3

[1] In 2009, 638,5 UAH, in 2010 – 843,17 UAH

18.45. Foodstuffs consumed

(per capita per year; kg)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Meat and meat products (including lard and offal on meat base)	68	39	33	35	39	39	42	46	51	50	52
Milk and dairy products on milk base	373	244	199	226	226	226	235	225	214	212	206
Eggs, pcs	272	171	166	214	220	238	251	252	260	272	290
Fish and fish products	17,5	3,6	8,4	12,0	12,3	14,4	14,1	15,3	17,5	15,1	14,5
Sugar	50	32	37	36	38	38	40	40	41	38	37
Oil	11,6	8,2	9,4	11,3	13,0	13,5	13,6	14,3	15,0	15,4	14,8
Potatoes	131	124	135	138	141	136	134	130	132	133	129
Vegetables, melons and gourds	102	97	102	114	115	120	127	118	129	137	144
Fruit, berries and grapes (excluding processed for wine)	47	33	29	33	34	37	35	42	44	46	48
Bakery products (bread, pasta on flour base; flour, cereals and legume crops)	141	128	125	125	126	124	120	116	115	112	111

18.46. Consumed nutrients[1]

(per capita per day)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Calories, kcal	3597	2696	2661	2798	2910	2916	2935	2940	2998	2946	2933
Proteins, g	105,3	77,7	73,4	77,7	79,3	79,7	80,0	79,0	80,3	78,8	79,0
Fat, g	124,0	77,1	71,7	80,9	87,8	89,7	92,5	95,5	99,5	99,7	99,2
Calcium, mg	1362	954	825	919	923	927	954	921	902	902	893
Iron, mg	25,0	20,2	19,4	20,1	20,5	20,5	20,3	20,0	20,3	20,2	20,5
Retinol, µg	1863	1217	1004	1150	1152	1156	1204	1158	1112	1109	1088
Equivalent of beta-carotene, µg	1528	1431	1472	1646	1670	1735	1824	1711	1848	1952	2035
Equivalent of retinol and beta-carotene (RET+$^1/_6$B-CAREQ), µg	2115	1455	1249	1424	1430	1446	1507	1443	1419	1434	1427
Thiamine, mg	2,30	1,86	1,81	1,84	1,88	1,90	1,90	1,87	1,89	1,87	1,88
Riboflavin, mg	3,46	2,57	2,27	2,50	2,54	2,51	2,60	2,57	2,57	2,56	2,55
Niacin, mg	22,4	17,3	16,8	17,5	17,9	17,9	18,1	18,1	18,8	18,6	18,8
Ascorbic acid, mg	123	98	100	108	110	111	111	110	115	119	121

[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 goods[1] in households[2]

(average per 100 households; pcs)

	2000	2001	2002	2003	2004	2005	2006	2008	2010
Refrigirators and freezers	94	93	94	95	96	99	100	106	109
Washing machines	74	74	74	75	74	77	78	84	85
Vacuum cleaners	56	55	54	56	56	62	64	74	75
Electric irons	98	98	99	98	96	98	98	100	99
CD-players and turntables	…	…	…	…	3[3]	7	12	25	8
Colour TV sets	69	71	74	79	83	91	96	107	110
Video cassette recorders, Video tape recorders, DVD-players, digital cameras	13	13	14	16	17	22	21	21	41
Audiocassette recorders	43	43	41	39	35	34	27	20	13
Music centers	3	3	4	6	8	11	13	17	13
Cameras	22	23	25	27	30	36	35	38	26
Computers	1	2	3	4	6	9	12	22	25
Microwaves	1	2	3	3	5	9	14	29	33
Kitchen combines	3	3	4	4	3	5	5	9	10
Conditioners	0	0	0	0	1	1	1	4	6
Satellite antennas	0	0	0	1	1	1	3	10	13
Sewing machines	48	46	43	40	35	35	32	31	28
Motorbikes, bicycles and scooters	43	43	42	40	41	44	44	48	47
Motorcycles, snowmobiles	7	6	5	5	4	4	3	3	2
Cars	17	16	16	16	16	16	17	20	21
Mobile phones	…	…	…	…	15[3]	44	81	149	167

[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

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]
Ukraine	**63**	**87**	**104**	**105**	**108**	**105**	**108**	**113**	**115**	**122**	**132**	**136**	**142**
Autonomous Republic of Crimea	83	110	119	126	124	127	126	127	119	119	125	134	148
oblasts													
Vinnytsya	56	81	101	103	100	106	94	104	104	112	102	113	115
Volyn	50	72	92	93	93	94	91	88	99	101	110	111	111
Dnipropetrovsk	73	96	106	107	112	116	106	118	119	134	144	150	150
Donetsk	63	79	102	102	101	106	107	102	107	104	125	131	132
Zhytomyr	49	70	90	90	95	83	99	99	105	113	124	126	129
Zakarpattya	64	94	92	92	95	96	103	115	118	117	132	152	141
Zaporizhzhya	96	121	144	145	146	161	166	170	167	166	165	163	166
Ivano-Frankivsk	39	68	86	86	90	96	96	98	99	106	124	93	101
Kyiv	59	91	115	114	131	65	132	144	122	158	168	177	221
Kirovohrad	75	90	121	109	103	102	89	87	93	110	115	120	122
Luhansk	73	89	95	100	104	88	112	115	119	124	133	140	136
Lviv	51	67	75	75	95	82	87	91	96	98	103	105	107
Mykolayiv	61	83	83	82	82	84	87	88	90	96	107	116	127
Odesa	69	83	102	103	108	98	97	87	80	100	109	112	147
Poltava	75	98	123	125	94	102	113	129	141	154	163	130	145
Rivne	37	58	76	74	76	95	88	91	82	88	94	89	91
Sumy	58	83	92	91	94	86	91	94	90	93	103	116	114
Ternopil	43	66	87	85	87	89	80	80	84	91	106	113	120
Kharkiv	68	95	108	116	119	122	121	124	125	124	132	137	140
Kherson	63	93	106	107	113	113	114	118	118	124	134	138	137
Khmelnytskiy	49	71	94	92	93	75	74	77	89	95	105	106	112
Cherkasy	68	110	117	121	120	121	121	118	126	130	135	137	143
Chernivtsi	52	90	108	104	105	98	96	98	98	99	102	108	112
Chernihiv	54	71	79	79	74	66	73	79	81	85	94	98	101
cities													
Kyiv	60	103	148	154	161	163	167	183	199	221	240	256	257
Sevastopol	87	113	125	128	133	162	79	144	146	147	155	175	177

[1] Data of the State Road Police of the Ministry of Home Affairs of Ukraine as of August 1, for 2009/2010 – as of December 16

18.49. Household deposits taken by deposit corporations (except National Bank of Ukraine) in 2010, by region

(in national and foreign currencies; end of year; mln. UAH)

	Total	In national currency	In foreign currency
Ukraine	**275093**	**142924**	**132169**
Autonomous Republic of Crimea and Sevastopol city	11659	5909	5750
oblasts			
Vinnytsya	4570	2773	1796
Volyn	3109	1887	1222
Dnipropetrovsk	24178	13525	10653
Donetsk	25336	14826	10511
Zhytomyr	3289	2206	1084
Zakarpattya	2607	1224	1383
Zaporizhzhya	8822	5012	3809
Ivano-Frankivsk	4131	2219	1912
Kyiv and Kyiv city	94592	43063	51529
Kirovohrad	2301	1564	737
Luhansk	7076	4661	2416
Lviv	14461	7168	7294
Mykolayiv	4480	2580	1901
Odesa	15475	5819	9655
Poltava	6939	4392	2547
Rivne	2991	1769	1222
Sumy	3540	2284	1256
Ternopil	3102	1464	1638
Kharkiv	14096	7697	6399
Kherson	3460	1863	1597
Khmelnytskiy	4203	2480	1723
Cherkasy	4751	2956	1795
Chernivtsi	2647	1338	1309
Chernihiv	3277	2244	1033

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.

19.1. Housing stock

(mln.sq.m of total size)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total housing stock	**922,1**	**978,3**	**1015,0**	**1035,7**	**1040,0**	**1046,4**	**1049,2**	**1057,6**	**1066,6**	**1072,2**	**1079,5**
Average per inhabitant, sq.m	17,8	19,2	20,7	21,6	21,8	22,0	22,2	22,5	22,8	23,0	23,3
Urban housing stock	**574,3**	**616,6**	**643,2**	**661,7**	**664,5**	**669,9**	**671,3**	**677,6**	**684,3**	**688,8**	**693,0**
Average per urban inhabitant, sq.m	16,5	17,8	19,3	20,4	20,5	20,8	20,9	21,2	21,4	21,6	21,8
Rural housing stock	**347,8**	**361,7**	**371,8**	**374,0**	**375,5**	**376,5**	**377,9**	**380,0**	**382,3**	**383,4**	**386,5**
Average per rural inhabitant, sq.m	20,6	21,9	23,5	24,0	24,4	24,6	25,0	25,4	25,8	26,1	26,4

19.2. Number of apartment applicants and improvement of housing conditions

(thsd.)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Families and single persons registered as requiring accommo-dations, end of year	2638	2411	1765	1460	1414	1323	1300	1252	1216	1174	1139
Families and single persons who obtained accommodations during a year	235	82	32	25	23	20	20	17	17	11	11
percentage of those registered as requiring accommodations, end of the previous year	9,2	3,2	1,6	1,6	1,6	1,4	1,5	1,3	1,3	0,9	0,9

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		
	2008	2009	2010	2008	2009	2010
Total	**1216277**	**1174230**	**1138631**	**16682**	**11203**	**10770**
Public housing stock	**941061**	**909358**	**879946**	**16298**	**11160**	**10674**
citizens provided with the right for top-priority receipt of housing	266342	256731	246605	4879	3648	3809
participants of war operations, war participants	17600	14886	11320	185	126	136
participants of war operations abroad	13375	13489	12858	420	224	226
military men transferred to reserve or retied	13397	12635	12318	460	222	87
large families (raising three and more children)	42128	40864	39012	581	493	742
single mothers	29776	29266	29341	453	378	400
dwellers of ramshackle and dangerous house	24058	22883	22245	717	494	426
sick persons (according to the established list)	26018	25483	24148	315	266	260
other categories	99990	97225	95363	1748	1445	1532
citizens provided with the right for out-of-turn receipt of housing	91732	89000	86950	2502	1909	2103
disabled war veterans	7801	6813	5521	200	156	437
families of dead military men and equated to them in rights	2323	2235	2119	82	55	58
families suffered as a result of Chernobyl Catastrophe (1st and 2nd categories)	28240	26909	25753	441	413	452
other categories	53368	53043	53557	1779	1285	1156
requiring housing citizens, registered in general list	582987	563627	546391	8917	5603	4762

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		
	2008	2009	2010	2008	2009	2010
Cooperative housing	**275164**	**264119**	**258070**	**377**	**31**	**19**
citizens provided with the right for top-priority receipt of housing	49985	48576	47023	35	14	5
participants of war operations, war participants	3011	2872	2734	—	—	—
participants of war operations abroad	1618	1576	1538	5	—	—
military men transferred to reserve or retied	968	936	930	—	—	—
large families (raising three and more children)	4338	4185	4140	5	—	2
single mothers	2402	2344	2254	5	1	—
dwellers of ramshackle and dangerous house	697	688	652	—	—	—
sick persons (according to the established list)	1472	1463	1413	2	—	—
other categories	35479	34512	33362	18	13	3
citizens provided with the right for out-of-turn receipt of housing	10070	9655	9403	1	—	—
disabled war veterans	603	595	572	—	—	—
families of dead military men and equated to them in rights	279	274	261	—	—	—
families suffered as a result of Chernobyl Catastrophe (1^{st} and 2^{nd} categories)	2775	2750	2711	1	—	—
other categories	6413	6036	5859	—	—	—
requiring housing citizens, registered in general list	215109	205888	201644	341	17	14
Social housing	**52**	**753**	**615**	**7**	**12**	**77**
Of total number						
dwelling of communal flats	53280	51348	48889	765	421	537
dwelling of hostels	180309	176087	169148	3121	2054	1398
young families	121787	116888	111722	1782	1080	940
number of the families in the waiting list that bought flats	×	×	×	811	396	160

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	2009	2010	1990	1995	2000	2005	2009	2010
Ukraine	**2055,9**	**1866,4**	**1351,8**	**1022,7**	**897,3**	**866,0**	**537,0**	**503,9**	**397,0**	**288,5**	**264,0**	**257,9**
Autonomous Republic of Crimea	91,0	80,1	55,0	49,4	47,7	47,3	31,8	30,2	26,0	24,5	24,4	24,4
oblasts												
Vinnytsya	51,8	52,7	40,7	23,6	22,6	19,1	11,9	13,1	11,2	9,7	8,8	8,8
Volyn	34,6	33,4	26,0	21,2	22,9	23,0	16,7	17,2	12,2	11,1	10,3	10,2
Dnipro-petrovsk	165,4	150,3	96,4	64,4	53,8	50,8	29,9	24,4	16,3	9,1	8,8	8,2
Donetsk	242,4	206,8	132,5	93,9	82,8	79,2	39,3	27,9	20,7	6,4	1,3	1,3
Zhytomyr	44,1	44,9	37,0	30,0	28,0	27,3	16,4	15,7	13,8	10,1	6,6	6,6
Zakarpattya	22,2	16,6	9,9	6,7	5,5	5,3	5,9	5,8	5,0	5,0	4,2	4,2
Zaporizhzhya	107,2	86,8	60,8	48,2	42,4	39,6	25,2	18,9	14,9	11,6	10,4	9,6
Ivano-Frankivsk	37,9	40,5	31,6	20,5	19,4	19,1	6,0	6,3	6,7	5,6	6,3	6,3
Kyiv	60,2	63,2	50,0	41,0	36,7	36,8	10,5	11,2	8,6	7,4	6,5	6,3
Kirovohrad	43,0	39,8	33,0	14,9	11,6	11,2	8,3	7,9	7,1	7,0	7,0	7,0
Luhansk	120,0	95,5	54,0	36,4	32,1	30,1	26,8	18,4	11,3	8,5	7,6	7,2
Lviv	118,6	100,0	81,3	57,0	52,1	50,0	36,5	35,3	25,5	22,2	22,1	21,9
Mykolayiv	53,1	48,7	34,4	24,4	21,8	21,3	6,1	6,5	5,9	3,4	3,7	3,7
Odesa	101,6	88,3	57,9	44,6	33,1	31,1	21,8	23,0	13,0	7,1	5,0	5,1
Poltava	60,9	55,3	35,7	25,2	21,9	21,7	12,6	12,5	9,2	4,2	3,4	3,3
Rivne	43,4	42,3	33,8	27,2	23,7	23,7	6,9	7,2	6,2	5,2	4,6	4,5
Sumy	70,5	65,5	54,4	42,8	40,4	39,7	19,0	19,4	17,8	16,1	16,1	15,7
Ternopil	32,0	26,1	19,2	17,3	13,6	12,6	10,8	11,3	11,5	9,4	8,8	8,7
Kharkiv	142,8	120,1	85,5	60,3	48,1	44,8	38,4	29,6	17,8	12,4	10,2	9,2
Kherson	51,1	43,1	25,4	18,7	17,2	16,9	12,8	12,6	7,7	5,1	4,5	4,3
Khmelnytskiy	55,3	55,5	42,9	32,3	29,3	28,8	23,7	23,4	22,5	21,7	21,8	21,7
Cherkasy	62,4	57,8	41,5	29,0	25,3	24,1	12,3	16,8	6,9	0,9	1,6	1,3
Chernivtsi	23,1	23,7	16,8	11,8	12,1	11,9	9,5	10,2	9,3	9,7	9,0	8,3
Chernihiv	41,0	36,2	28,2	24,2	17,6	17,8	7,7	5,3	3,4	3,0	1,6	1,6
cities												
Kyiv	155,7	171,0	151,8	145,2	123,2	121,1	74,6	80,0	76,9	46,3	45,2	45,1
Sevastopol	24,6	22,2	16,1	12,5	12,4	11,7	15,6	13,8	9,6	5,8	4,2	3,4

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	2009	2010	1990	1995	2000	2005	2009	2010
Ukraine	**198332**	**68778**	**28869**	**19192**	**10822**	**10154**	**28753**	**8874**	**1902**	**416**	**31**	**19**
Autonomous Republic of Crimea	8540	2721	1068	1007	621	648	743	417	5	—	—	—
oblasts												
Vinnytsya	6188	2046	781	825	371	242	1097	333	371	—	—	—
Volyn	3997	1794	729	327	170	157	574	325	32	1	—	—
Dnipro-petrovsk	21484	4981	2155	1825	540	741	1599	192	—	1	5	—
Donetsk	19424	7432	2861	2657	1764	1653	1937	140	1	39	—	—
Zhytomyr	5327	2119	577	415	221	219	1170	207	—	—	—	—
Zakarpattya	1836	349	312	93	31	37	417	16	—	18	—	11
Zaporizhzhya	7967	2759	1322	480	309	166	739	58	—	—	—	—
Ivano-Frankivsk	3758	2319	659	277	195	220	362	216	142	—	—	—
Kyiv	7926	3583	876	330	309	249	662	112	107	—	—	—
Kirovohrad	4864	1767	482	439	161	138	75	237	166	—	—	—
Luhansk	10817	3211	1875	1553	1150	980	844	28	—	31	23	6
Lviv	9780	2293	1397	260	207	250	1154	460	91	8	3	1
Mykolayiv	6154	1814	741	457	239	489	565	255	68	6	—	—
Odesa	6256	2059	1161	646	290	480	1781	389	7	—	—	—
Poltava	5708	3033	1287	401	220	271	833	1013	129	43	—	—
Rivne	4335	1145	642	229	134	326	461	1	13	—	—	—
Sumy	5039	1812	921	380	196	232	827	209	280	—	—	—
Ternopil	3501	821	173	133	52	34	548	35	—	100	—	—
Kharkiv	12900	3220	1178	587	526	513	1193	158	152	28	—	—
Kherson	3590	805	402	154	84	89	1589	359	6	2	—	—
Khmelnytskiy	5009	2279	885	384	178	190	673	142	—	12	—	—
Cherkasy	4473	1850	653	392	144	105	968	242	131	125	—	1
Chernivtsi	2925	950	280	175	111	57	480	72	45	—	—	—
Chernihiv	4155	2211	792	340	343	169	438	—	123	—	—	—
cities												
Kyiv	20953	8892	4361	4291	2165	1423	6825	3103	33	1	—	—
Sevastopol	1426	513	299	135	91	76	199	155	—	1	—	—

19.6. Housing stock,

	Total housing stock					Including private housing stock				
	1990	1995	2000	2009	2010	1990	1995	2000	2009	2010
Ukraine	**922094**	**978318**	**1014974**	**1072162**	**1079503**	**485378**	**636960**	**793199**	**990816**	**1001509**
Autonomous Republic of Crimea	31733	36738	37327	39302	39333	10718	22275	26641	34297	34989
oblasts										
Vinnytsya	39937	42011	42994	43930	43963	31234	35312	38004	41738	41740
Volyn	18300	19484	20164	21925	22124	12348	14885	16956	20954	21201
Dnipropetrovsk	69150	76685	77828	79094	79043	27158	42116	56319	70872	71184
Donetsk	95535	95464	98614	100933	101245	35469	53035	69549	89692	90331
Zhytomyr	28220	30555	31817	33159	33328	19518	22935	26162	31347	31566
Zakarpattya	21279	23621	25228	28018	28314	16866	20437	23277	27338	27643
Zaporizhzhya	36828	38200	39397	40798	40911	15876	21643	27999	37870	38266
Ivano-Frankivsk	25070	26746	28813	31971	32656	18458	21827	25877	30986	31679
Kyiv	39532	43339	46835	53294	54812	27198	32258	40103	50360	51949
Kirovohrad	23521	24494	24947	24679	24671	15352	18665	21177	23621	23646
Luhansk	52707	54058	54778	55437	55414	22014	34074	40082	50089	50508
Lviv	44083	47059	49988	53381	54254	23986	29904	40931	49931	50810
Mykolayiv	23470	23469	26009	26005	25965	12342	15526	21273	23927	24023
Odesa	45144	47728	48194	53142	53414	24065	29677	36649	47493	47979
Poltava	32819	34339	36333	37043	36996	19602	24181	29994	34547	34596
Rivne	20818	21900	22984	24234	24454	14317	16695	19602	23230	23471
Sumy	25775	26967	26948	27747	27725	15481	19146	21777	25999	26126
Ternopil	20726	21783	23490	24965	25371	15705	17965	21042	24185	24613
Kharkiv	53839	57454	59898	63255	63788	21237	30745	43930	58018	58677
Kherson	21940	23111	24436	25536	25927	11031	14233	19475	23560	23853
Khmelnytskiy	28867	30377	31708	32985	33314	21048	24120	27407	31500	31863
Cherkasy	30808	32316	33600	34121	33976	21490	24822	28815	32793	32681
Chernivtsi	16462	17852	18788	20237	20443	11639	14330	16674	19621	19903
Chernihiv	26324	27068	28045	29701	29757	18707	20786	23352	27914	28019
cities										
Kyiv	43630	47887	48857	58975	59713	1962	12590	26208	51545	52493
Sevastopol	5577	7613	6954	8295	8592	557	2778	3924	7389	7700

by region

(thsd.sq.m of total size)

Urban housing stock					Including private housing stock				
1990	1995	2000	2009	2010	1990	1995	2000	2009	2010
574331	**616568**	**643229**	**688784**	**692986**	**178592**	**299348**	**437544**	**614967**	**622425**
20718	24849	25143	26231	26065	4229	12846	16190	22113	22614
13364	14234	15420	16304	16361	6054	8500	11136	14452	14474
7837	8549	8872	9988	10080	2497	4257	5910	9081	9220
55259	62064	63166	64138	64080	15514	28961	42563	56349	56651
85467	85443	88251	90381	90752	27838	44312	60083	79578	80227
12927	14574	15684	16497	16577	5653	8389	10919	15230	15359
8128	8305	8571	9893	10031	3999	5342	6768	9373	9520
26232	27286	28325	29817	29918	7497	11930	17632	27203	27574
9620	10244	11096	12859	13339	3323	5518	8285	11920	12408
18556	21741	24031	26801	27652	8966	12349	18299	24375	25292
12570	13535	13817	14186	14219	5725	8377	10521	13270	13329
45225	46396	46870	47659	47659	16368	27224	32662	42504	42932
24364	25787	27721	29365	29858	5067	9389	19214	26226	26721
14257	14004	16607	17086	17058	5062	6906	12497	15283	15403
26252	28591	28784	33307	32920	7071	11620	17966	28119	27949
16415	17786	19486	20161	20086	5644	9014	14194	18122	18112
8696	9144	9769	10334	10408	2928	4465	6768	9480	9584
14377	15673	15870	17064	17079	5719	8679	11254	15500	15662
7447	7912	9064	10077	10320	2796	4324	6761	9364	9623
40968	44342	46267	49593	49939	11761	19667	31647	44835	45310
13055	13840	14679	16106	16482	4976	6232	10399	14493	14767
11053	12303	13589	14994	15299	3925	6534	9651	13671	14014
13817	15068	15709	16209	15984	5938	8410	11518	15095	14898
6314	6742	7013	7681	7757	1758	3426	5061	7144	7297
12206	13101	13928	15132	15113	5765	7552	9779	13560	13597
43630	47887	48857	58975	59713	1962	12590	26208	51545	52493
5577	7168	6640	7946	8237	557	2535	3659	7082	7395

19.7. 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									
Vinnytsya	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
Zakarpattya	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
Khmelnytskiy	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

by region

(average per capita; sq.m of total size)

2005			2008			2009			2010		
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**	**22,8**	**21,4**	**25,8**	**23,0**	**21,6**	**26,1**	**23,3**	**21,8**	**26,4**
19,0	20,5	16,5	20,0	21,6	17,3	19,7	21,1	17,4	19,7	21,0	17,6
25,4	19,3	30,8	26,3	19,8	32,4	26,5	19,9	32,9	26,7	20,0	33,2
19,5	17,7	21,4	20,2	18,3	22,1	20,3	18,4	22,3	20,5	18,5	22,6
22,5	21,8	25,8	23,0	22,3	26,6	23,2	22,5	26,8	23,3	22,6	27,0
21,5	21,4	23,2	22,3	22,0	24,5	22,4	22,2	24,7	22,7	22,5	24,8
23,3	21,2	26,0	24,1	21,7	27,3	24,4	21,9	27,7	24,6	22,0	28,2
21,1	20,0	21,8	22,3	21,0	23,0	22,4	21,4	23,1	22,6	21,6	23,2
21,4	20,4	24,6	22,0	20,9	25,7	22,2	21,1	25,9	22,4	21,3	26,2
21,6	19,8	22,9	22,8	21,3	24,0	23,1	21,6	24,2	23,6	22,3	24,5
27,7	23,6	33,7	30,2	25,0	38,0	30,6	25,1	39,1	31,6	25,9	40,4
23,2	21,4	26,0	24,1	22,4	26,7	24,3	22,6	26,9	24,5	22,8	27,2
23,2	23,1	23,7	23,4	23,2	24,8	23,6	23,4	24,9	23,8	23,6	25,2
19,8	18,1	22,4	20,6	18,7	23,5	20,8	18,8	23,8	21,2	19,2	24,3
21,2	20,5	22,6	21,4	20,7	22,9	21,6	21,0	23,0	21,7	21,0	23,0
21,0	19,7	23,5	22,0	20,9	24,3	22,1	20,8	24,6	22,2	20,5	25,5
23,4	21,1	26,8	24,3	21,8	28,2	24,6	22,0	28,5	24,7	22,0	28,9
20,1	17,9	22,0	20,8	18,5	22,8	20,9	18,6	22,9	21,1	18,7	23,2
22,0	20,2	25,3	22,7	20,8	26,4	23,0	21,1	26,8	23,1	21,2	27,1
21,7	20,1	22,9	22,6	20,9	23,8	22,7	21,1	23,9	22,9	21,6	23,9
21,6	21,2	22,9	22,3	21,9	24,0	22,6	22,1	24,3	22,9	22,4	24,9
21,4	21,6	21,2	22,4	22,5	22,2	23,1	23,7	22,0	23,5	24,4	22,2
23,4	19,6	27,5	24,3	20,3	29,0	24,6	20,5	29,5	25,0	20,8	29,9
25,3	21,7	29,6	25,9	21,8	31,0	26,2	22,1	31,2	26,2	21,9	31,5
21,3	19,8	22,4	22,1	20,2	23,4	22,3	20,2	23,8	22,6	20,3	24,1
24,0	20,5	29,2	24,9	21,2	30,8	25,3	21,5	31,5	25,6	21,5	32,2
20,2	20,2	—	20,6	20,6	—	20,9	20,9	—	21,0	21,0	—
19,4	19,8	13,7	20,9	21,3	14,1	21,2	21,7	14,9	22,0	22,4	15,0

19.8. Housing stock facilities

(percent)

	1995		2000		2005		2009		2010	
	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	77,5	25,2	77,9	27,1
sewage	69,7	9,5	73,7	12,9	75,4	15,7	76,4	21,2	76,7	23,2
central heating	69,5	11,2	72,8	18,3	74,2	24,4	76,0	33,6	76,7	36,1
gas supply	80,2	79,4	81,6	82,5	81,8	84,1	82,2	84,6	82,5	84,5
hot water supply	54,1	2,7	58,4	4,3	59,7	5,4	60,6	9,5	60,9	11,5
baths	65,4	8,2	70,0	11,1	71,6	13,4	72,6	18,7	73,1	20,6
electric stoves for floor	4,5	0,2	4,8	0,1	5,3	0,1	5,6	0,2	5,6	0,2

19.9. Improving housing amenities in settlements

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Inhabited localities equipped with									
water supply									
cities	448	450	454	452	453	454	455	456	455
rural settlements of urban type	796	783	767	767	768	769	767	771	771
villages	6651	6490	6375	6308	6305	6280	6283	6316	6298
sewage									
cities	426	432	436	438	439	440	443	445	443
rural settlements of urban type	518	497	490	489	495	496	497	503	512
villages	841	813	792	746	744	742	737	737	727
gas supply (natural gas and with natural and liquefied gas[1])									
cities	387	402	407	411	417	418	420	421	423
rural settlements of urban type	476	519	533	545	573	592	602	609	617
villages	8086	8671	9444	10318	11048	12281	13018	13447	13965
gas supply (with liquefied gas only[1])									
cities	57	49	45	42	36	34	32	32	30
rural settlements of urban type	384	341	328	316	295	238	221	213	203
villages	18807	18106	17318	16306	15785	14749	13964	13443	12836

[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

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).

20.1. Pre-school educational institutions

(end of year)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total institutions, thsd.	24,5	21,4	16,3	15,0	14,9	15,1	15,1	15,3	15,4	15,5	15,6[1]
in urban areas	11,9	10,5	7,4	6,7	6,7	6,7	6,6	6,6	6,7	6,7	6,7
in rural areas	12,6	10,9	8,9	8,3	8,2	8,4	8,5	8,7	8,7	8,8	8,9
Enrollment capacity of the institutions, thsd. places	2277	2014	1117	1053	1040	1056	1063	1084	1110	1121	1136[2]
in urban areas	1662	1463	832	782	767	773	780	789	808	814	821
in rural areas	615	551	285	271	273	283	283	295	302	307	315
Total children at the institutions, thsd.	2428	1536	983	977	996	1032	1081	1137	1195	1214	1273
in urban areas	1877	1222	824	807	820	840	877	916	959	972	1012
in rural areas	551	314	159	170	176	192	204	221	236	242	261
Percentage of total children of the specified age attending pre-school	57	44	40	49	50	51	53	54	54	53	56
in urban areas	64	53	52	65	65	64	66	66	66	64	67
in rural areas	43	28	18	22	24	27	29	31	32	31	34
Children at the institutions per 100 places	107	76	88	93	96	98	102	105	108	108	112
in urban areas	113	84	99	103	107	109	112	116	119	119	123
in rural areas	90	57	56	63	65	68	72	75	78	79	83

[1] 0,9 thsd. of these were non-functioning institutions. A third of these institutions (38%) has not been classed as fit for training or undergone major repair. Others (62%) were not functioning due to absence of children, lack of fuel, electric energy, funds, etc. 32% of institutions have not functioned for 6–10 years, while 35% 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

20.2. Pre-school educational institutions, by region

	Total institutions						Enrollment, thsd.					
	1990	1995	2000	2005	2009	2010	1990	1995	2000	2005	2009	2010
Ukraine	**24525**	**21359**	**16347**	**15058**	**15508**	**15628**	**2428,3**	**1535,6**	**983,0**	**1031,7**	**1213,9**	**1272,7**
Autonomous Republic of Crimea	1062	865	684	613	602	607	148,4	74,5	36,3	40,3	49,1	51,8
oblasts												
Vinnytsya	1127	983	695	644	689	704	83,6	55,7	37,8	39,0	44,8	46,3
Volyn	495	468	305	355	428	444	43,1	30,4	17,0	23,1	30,3	31,7
Dnipropetrovsk	1737	1579	1115	954	951	939	207,5	137,2	81,3	82,3	94,9	99,3
Donetsk	2337	2040	1402	1155	1145	1144	267,2	164,4	107,0	105,7	119,7	125,0
Zhytomyr	830	595	482	575	607	644	61,6	39,9	28,4	29,8	37,5	38,7
Zakarpattya	668	613	505	506	532	532	51,0	31,4	20,1	26,9	33,9	35,5
Zaporizhzhya	991	851	655	544	525	526	114,0	69,9	44,2	44,4	50,2	52,3
Ivano-Frankivsk	438	363	285	283	331	334	39,9	25,9	17,5	20,0	26,0	27,6
Kyiv	957	887	776	710	695	682	91,7	61,5	44,5	44,9	54,1	56,8
Kirovohrad	833	696	566	505	528	530	67,5	40,8	23,5	24,0	26,7	27,6
Luhansk	1200	1012	644	576	529	528	131,2	71,7	41,4	42,8	47,9	50,9
Lviv	858	679	483	478	554	589	83,7	47,4	34,9	40,8	53,4	57,1
Mykolayiv	871	785	541	517	543	552	76,5	49,1	28,9	29,3	33,9	36,1
Odesa	1263	1094	735	743	759	744	128,8	74,6	45,4	51,7	60,3	62,9
Poltava	1080	979	747	599	600	562	80,0	56,8	36,3	34,3	37,9	40,1
Rivne	487	364	263	265	360	397	43,1	28,9	18,2	22,3	30,4	32,8
Sumy	780	684	590	415	480	495	71,2	41,9	29,9	28,5	32,9	34,5
Ternopil	676	553	474	499	498	506	40,5	26,7	19,1	21,6	25,2	26,4
Kharkiv	1349	1227	742	612	634	633	150,9	95,8	55,1	55,4	64,8	67,9
Kherson	779	670	561	487	492	493	76,3	42,4	26,6	27,1	32,5	34,3
Khmelnytskiy	864	767	757	806	815	815	66,3	46,5	34,1	36,6	40,6	42,3
Cherkasy	902	885	791	691	688	696	80,4	57,0	36,1	35,8	38,5	39,4
Chernivtsi	368	312	252	309	345	353	34,9	20,0	15,3	21,2	25,8	27,4
Chernihiv	763	550	520	461	415	414	56,3	34,7	21,9	22,7	25,5	26,1
cities												
Kyiv	805	742	687	671	678	679	132,0	95,0	72,2	70,6	84,8	89,3
Sevastopol	…	116	90	85	85	86	…	15,5	10,0	10,6	12,3	12,6

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

(percentage of total children of the specified age)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010		
											total	in urban areas	in rural areas
Ukraine	**57**	**44**	**40**	**49**	**50**	**51**	**53**	**54**	**54**	**53**	**56**	**67**	**34**
Autonomous Republic of Crimea	68	50	37	45	46	48	50	51	51	49	51	65	31
oblasts													
Vinnytsya	58	43	38	47	49	51	53	55	56	55	57	71	41
Volyn	44	34	24	34	36	38	42	44	45	44	47	66	29
Dnipropetrovsk	65	55	48	59	58	58	60	60	59	57	60	66	33
Donetsk	63	54	53	60	61	62	63	63	63	61	64	67	39
Zhytomyr	52	38	35	41	43	47	49	51	52	55	57	76	31
Zakarpattya	43	29	25	34	35	37	40	40	42	41	44	58	35
Zaporizhzhya	66	51	49	60	60	59	60	60	60	59	61	71	32
Ivano-Frankivsk	31	22	20	25	27	28	30	32	33	33	36	60	18
Kyiv	57	48	48	57	58	59	61	61	62	60	64	73	49
Kirovohrad	68	47	39	50	51	53	55	56	56	55	57	71	35
Luhansk	59	42	39	49	50	51	52	52	52	49	53	57	25
Lviv	35	23	23	30	32	33	36	38	40	40	43	61	18
Mykolayiv	66	51	43	55	54	55	57	59	58	57	61	70	44
Odesa	60	43	37	45	47	49	51	52	53	48	50	59	36
Poltava	61	50	45	54	55	56	58	58	59	57	60	76	36
Rivne	40	29	23	28	30	32	35	38	40	39	43	69	24
Sumy	66	48	49	56	59	60	62	65	66	65	68	77	48
Ternopil	43	31	29	38	40	41	41	43	45	44	47	67	30
Kharkiv	62	52	46	52	53	53	54	55	55	54	56	63	29
Kherson	70	45	40	51	53	52	57	57	58	58	61	71	49
Khmelnytskiy	57	44	43	56	58	59	60	61	61	60	63	74	47
Cherkasy	68	56	49	59	62	65	67	68	68	67	68	80	52
Chernivtsi	43	27	26	37	40	45	47	50	51	51	55	78	40
Chernihiv	57	44	39	48	48	50	52	53	55	55	56	72	25
cities													
Kyiv	60	58	63	71	66	65	64	62	61	59	63	63	—
Sevastopol	…	59	63	74	71	68	67	66	65	63	65	68	36

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

(percent)

	Language of instruction											
	Ukrainian						Russian					
	1995	2000	2005	2008	2009	2010	1995	2000	2005	2008	2009	2010
Ukraine	**66,0**	**78,0**	**84,2**	**85,6**	**85,8**	**85,9**	**33,0**	**21,6**	**15,2**	**13,8**	**13,6**	**13,5**
Autonomous Republic of Crimea	0,2	2,8	3,6	3,6	3,4	3,3	99,3	96,3	95,3	95,4	95,5	95,6
oblasts												
Vinnytsya	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	90,2	90,7	90,6	23,0	15,5	10,8	9,8	9,3	9,4
Donetsk	10,0	34,5	65,9	72,9	73,2	73,7	90,0	65,5	34,1	27,1	26,8	26,3
Zhytomyr	98,0	99,8	100,0	100,0	100,0	100,0	2,0	0,2	—	—	—	—
Zakarpattya	89,0	90,2	88,6	89,3	89,5	89,6	1,0	0,6	0,5	0,4	0,4	0,4
Zaporizhzhya	36,0	62,9	77,4	81,8	82,6	84,0	64,0	37,1	22,6	18,2	17,4	16,0
Ivano-Frankivsk	99,8	100,0	100,0	100,0	100,0	100,0	0,2	—	—	—	—	—
Kyiv	97,0	99,6	99,9	99,95	99,9	99,9	3,0	0,4	0,1	0,05	0,1	0,1
Kirovohrad	96,0	98,2	99,2	99,2	99,3	99,2	4,0	1,8	0,8	0,8	0,7	0,8
Luhansk	14,0	19,7	35,6	37,5	37,0	37,6	86,0	80,3	64,4	62,5	63,0	62,4
Lviv	99,6	99,7	99,9	99,8	99,8	99,8	0,3	—	—	—	—	—
Mykolayiv	71,0	90,4	96,2	96,6	96,1	95,9	29,0	9,6	3,8	3,4	3,9	4,1
Odesa	33,0	62,9	72,9	78,0	77,1	77,8	66,0	35,4	25,5	20,3	21,2	20,6
Poltava	98,0	98,3	99,1	98,6	98,7	98,8	2,0	1,7	0,9	1,4	1,3	1,2
Rivne	99,6	99,9	100,0	100,0	100,0	100,0	0,4	0,1	—	—	—	—
Sumy	87,0	97,7	97,5	98,1	98,7	98,7	13,0	2,3	2,5	1,9	1,3	1,3
Ternopil	100,0	100,0	100,0	100,0	100,0	100,0	—	—	—	—	—	—
Kharkiv	48,0	82,7	88,7	88,8	88,3	88,7	52,0	17,3	11,3	11,2	11,7	11,3
Kherson	82,0	83,2	86,3	86,9	87,7	87,4	18,0	16,8	13,7	13,1	12,3	12,6
Khmelnytskiy	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	92,1	91,7	91,5	0,5	0,2	—	—	—	—
Chernihiv	92,0	99,5	99,9	99,94	99,9	99,9	8,0	0,5	0,1	0,06	0,1	0,1
cities												
Kyiv	99,0	99,9	99,9	99,9	99,9	99,9	1,0	0,1	0,1	—	—	—
Sevastopol	1,0	1,6	2,0	3,7	4,8	4,4	99,0	98,4	98,0	96,3	95,2	95,6

At the end of 2010, 7,7 thsd. children in multi-national regions were taught in Hungarian, Romanian, Moldavian, Crimean Tatar, and other languages.

20.5. Secondary educational institutions and institutions of higher education for 1914–2010

(beginning of academic year)

	Secondary educational institutions		Institutions of higher education			
			1st and 2nd levels of accreditation		3rd and 4th levels of accreditation	
	total	pupils, thsd.	total	students, thsd.	total	students, thsd.
1914/15	26069	2607	88	13	27	35
1940/41	32132	6830	693	196	173	197
1950/51	35961	7134	584	228	160	202
1955/56	34216	5882	635	375	134	326
1960/61	37660	6722	595	398	135	418
1965/66	34613	8671	697	646	132	690
1970/71	29791	8414	760	798	138	807
1975/76	25680	8063	730	784	142	831
1980/81	23042	7516	727	803	147	880
1985/86	21927	7249	731	809	146	853
1990/91	21825	7132	742	757	149	881
1995/96	22255	7143	782	618	255	923
2000/01	22210	6764	664	528	315	1403
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

20.6. Enrollment in educational institutions

(beginning of academic year; thsd.)

	1990/91	1995/96	2000/01	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Total	**9430**	**9239**	**9220**	**8974**	**8813**	**8605**	**8381**	**8124**	**7825**	**7518**	**7224**
Secondary educational institutions	7132	7143	6764	6044	5731	5399	5120	4857	4617	4495	4299
day	6939	7007	6647	5936	5626	5301	5026	4768	4533	4421	4228
night (part-time), including distance learning	193	136	117	108	105	98	94	89	84	74	71
Professional training institutions	660	555	525	493	507	497	474	454	444	424	434
Institutions of higher education											
1st and 2nd levels of accreditation	757	618	528	593	548	505	468	441	399	354	361
3rd and 4th levels of accreditation	881	923	1403	1844	2027	2204	2319	2372	2365	2245	2130
Per 10 thsd. population											
Secondary educational institutions	1373	1391	1372	1269	1212	1151	1098	1047	1001	978	939
Professional training institutions	127	108	107	104	107	106	102	98	96	92	95
Institutions of higher education											
1st and 2nd levels of accreditation	146	120	107	125	116	108	100	95	87	77	79
3rd and 4th levels of accreditation	170	180	285	387	429	470	497	511	512	488	465

At the beginning of the 2010/11 academic year, 19,2 thsd. pupils were trained in 208 private secondary educational institutions, 309,9 thsd. students were trained in 188 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	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Institutions	21,8	22,3	22,2	21,9	21,7	21,6	21,4	21,2	21,0	20,6	20,3
Pupils	7132	7143	6764	6044	5731	5399	5120	4857	4617	4495	4299
including grades 10–12 (10–16)	940	821	1049	1060	1026	975	920	851	791	599	570
Total teachers	537	596	577	551	547	543	537	531	524	522	515

In 2010, 23,3 thsd. pupils attended the 1st grades set up at pre-schools.

20.8. Secondary educational institutions, by region

(beginning of academic year)

	Institutions						Enrollment, thsd.					
	1990/91	1995/96	2000/01	2005/06	2009/10	2010/11	1990/91	1995/96	2000/01	2005/06	2009/10	2010/11
Ukraine	**21825**	**22255**	**22210**	**21589**	**20576**	**20300**	**7132**	**7143**	**6764**	**5399**	**4495**	**4299**
Autonomous Republic of Crimea	583	625	645	632	615	609	314	329	295	223	185	177
oblasts												
Vinnytsya	1120	1116	1072	1040	994	976	246	248	245	205	169	160
Volyn	845	866	832	816	791	787	168	170	167	147	130	126
Dnipro-petrovsk	1079	1098	1113	1094	1054	1044	523	522	492	378	311	298
Donetsk	1281	1325	1318	1235	1174	1151	666	665	588	432	355	337
Zhytomyr	980	967	950	903	860	844	217	211	208	173	143	137
Zakarpattya	716	734	722	716	708	693	216	210	208	182	160	156
Zaporizhzhya	664	690	698	677	647	639	284	285	269	203	166	159
Ivano-Frankivsk	731	762	772	772	761	761	218	222	222	191	162	155
Kyiv	820	821	813	809	784	781	267	270	263	214	180	172
Kirovohrad	642	647	631	617	582	576	162	164	159	125	101	95
Luhansk	833	851	843	793	742	732	377	376	325	234	186	176
Lviv	1353	1457	1479	1487	1454	1440	389	395	390	328	275	263
Mykolayiv	693	684	672	651	600	592	206	203	187	147	120	114
Odesa	951	944	975	975	967	950	364	355	344	283	243	235
Poltava	1037	1009	962	870	801	786	224	228	222	178	143	135
Rivne	766	791	796	750	711	707	188	193	192	171	151	147
Sumy	717	712	704	658	608	592	185	184	172	130	104	98
Ternopil	878	913	925	920	895	889	169	169	170	145	122	116
Kharkiv	1007	1015	1007	984	919	917	408	405	373	285	234	223
Kherson	582	588	581	575	517	509	195	195	182	143	116	110
Khmelnytskiy	1062	1099	1103	1075	960	926	210	217	212	177	145	138
Cherkasy	716	724	719	699	688	679	202	205	199	158	126	118
Chernivtsi	453	455	462	454	450	447	143	138	138	121	104	100
Chernihiv	909	891	843	778	689	674	179	177	166	129	103	98
cities												
Kyiv	341	398	497	534	531	525	357	350	327	261	230	225
Sevastopol	66	73	76	75	74	74	55	57	49	36	31	31

20.9. Secondary educational institutions at the beginning of 2010/11, by region

	Total institu-tions	In which		By type of ownership					
				public[1]	in which		private	in which	
		pupils	teachers		pupils[2]	teachers		pupils	teachers
Ukraine	**20300**	**4299228**	**514775**	**20092**	**4279987**	**510197**	**208**	**19241**	**4578**
Autonomous Republic of Crimea	609	177496	19070	597	176333	18858	12	1163	212
oblasts									
Vinnytsya	976	160235	21839	973	159922	21751	3	313	88
Volyn	787	125827	17226	787	125827	17226	—	—	—
Dnipropetrovsk	1044	297934	28495	1033	297256	28258	11	678	237
Donetsk	1151	337045	33109	1137	336044	32849	14	1001	260
Zhytomyr	844	137090	18578	840	136687	18508	4	403	70
Zakarpattya	693	155629	18725	688	155325	18646	5	304	79
Zaporizhzhya	639	159119	18051	633	158760	17921	6	359	130
Ivano-Frankivsk	761	154723	21572	759	154268	21513	2	455	59
Kyiv	781	171663	20102	774	171113	19967	7	550	135
Kirovohrad	576	95033	12337	574	94964	12303	2	69	34
Luhansk	732	176379	18881	726	176030	18773	6	349	108
Lviv	1440	263483	36884	1426	262079	36595	14	1404	289
Mykolayiv	592	114525	12442	590	114333	12396	2	192	46
Odesa	950	235560	25729	921	231654	24945	29	3906	784
Poltava	786	134615	17196	780	134300	17096	6	315	100
Rivne	707	146848	19088	707	146848	19088	—	—	—
Sumy	592	98107	12787	588	97926	12729	4	181	58
Ternopil	889	115863	18379	889	115863	18379	—	—	—
Kharkiv	917	223032	24540	897	220515	24052	20	2517	488
Kherson	509	110586	12859	507	110452	12810	2	134	49
Khmelnytskiy	926	137694	20108	924	137478	20058	2	216	50
Cherkasy	679	117636	15999	675	117449	15927	4	187	72
Chernivtsi	447	99796	11916	444	99676	11882	3	120	34
Chernihiv	674	97633	13876	674	97633	13876	—	—	—
cities									
Kyiv	525	224851	21862	479	220878	20775	46	3973	1087
Sevastopol	74	30826	3125	70	30374	3016	4	452	109

[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

20.10. Day secondary educational institutions of new type at the beginning of 2010/11, by region

	Gymnasiums	In which		Lycées	In which		Colleges	In which		Educational training complexes	In which	
		pupils[1]	teachers		pupils[1]	teachers		pupils[1]	teachers		pupils	teachers
Ukraine	**594**	**290931**	**29421**	**386**	**150926**	**16449**	**45**	**25488**	**2459**	**2356**	**454795**	**56624**
Autonomous Republic of Crimea	5	3624	295	—	—	—	—	—	—	108	46447	4485
oblasts												
Vinnytsya	3	1803	161	3	823	113	—	—	—	87	23904	2660
Volyn	19	13203	1399	16	10302	1061	3	2526	230	41	6777	901
Dnipropetrovsk	17	8913	773	27	9442	986	2	1424	115	82	24745	2261
Donetsk	32	14093	1297	33	15346	1435	2	953	80	111	39104	3671
Zhytomyr	39	19265	1973	12	6188	544	4	2101	204	48	9372	1111
Zakarpattya	13	5001	561	13	2311	294	—	—	—	35	4216	438
Zaporizhzhya	39	21007	2039	15	6190	715	6	3510	324	109	26276	2969
Ivano-Frankivsk	13	3722	472	8	2615	376	—	—	—	62	9722	1331
Kyiv	16	7295	737	15	2683	442	1	269	32	235	26259	4408
Kirovohrad	7	2008	207	2	587	90	—	—	—	50	20994	2044
Luhansk	51	20798	1983	12	4353	446	—	—	—	40	13115	1398
Lviv	24	9286	1203	12	2688	346	—	—	—	118	28563	4475
Mykolayiv	17	5191	541	6	1358	148	1	1314	101	23	2723	315
Odesa	11	5526	530	10	2816	284	—	—	—	204	53929	6101
Poltava	30	19033	1738	10	4801	489	2	1005	107	52	7681	986
Rivne	13	5681	669	9	1713	308	2	1223	148	67	23910	2650
Sumy	9	3559	401	1	263	47	—	—	—	210	14739	3098
Ternopil	15	4804	656	10	3962	481	3	171	57	66	4175	783
Kharkiv	51	30489	2633	57	22177	2176	4	2761	263	80	13849	1843
Kherson	13	6944	667	6	2518	372	—	—	—	37	7832	999
Khmelnytskiy	30	14703	1669	32	16662	1681	13	6127	634	63	6390	1019
Cherkasy	8	5124	487	10	1290	208	1	905	62	243	19166	3961
Chernivtsi	24	8439	980	12	4086	474	—	—	—	57	8576	1233
Chernihiv	26	11689	1298	8	4453	497	1	1199	102	39	2470	495
cities												
Kyiv	62	35028	3615	46	20973	2392	—	—	—	86	9644	949
Sevastopol	7	4703	437	1	326	44	—	—	—	3	217	40

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

20.11. Day secondary educational institutions

(beginning of academic year)

	1990/91	1995/96	2000/01	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Total institutions	**21310**	**21903**	**21965**	**21669**	**21484**	**21357**	**21184**	**20984**	**20745**	**20368**	**20095**[1]
level 1st	3178	3254	3144	2967	2855	2777	2673	2553	2422	2177	2016
levels 1st and 2nd	7403	6639	6262	5903	5812	5754	5675	5600	5511	5397	5310
levels 1st–3rd	10318	11612	12157	12390	12408	12418	12431	12432	12414	12394	12369[1]
special schools (boarding schools) and social rehabilitation schools	411	398	402	409	409	408	405	399	398	400	400
Total pupils at the institutions, thsd.	**6939**	**7007**	**6647**	**5936**	**5626**	**5301**	**5026**	**4768**	**4533**	**4421**	**4228**[1]
level 1st	67	96	107	108	108	101	93	89	85	82	79
levels 1st and 2nd	966	837	707	578	545	497	463	430	401	390	364
levels 1st–3rd	5821	6005	5764	5185	4910	4642	4410	4183	3980	3883	3720[1]
special schools (boarding schools) and social rehabilitation schools	85	69	69	65	63	61	60	66	67	66	65
Total teachers, thsd.	**532**	**591**	**572**	**547**	**542**	**539**	**533**	**526**	**520**	**517**	**511**

[1] At the beginning of the 2009/10 academic year, the total for institutions includes 82 educational institutions of levels 2nd and 3rd with attendance of 20 thsd. pupils; at the beginning of the 2010/11 academic year, 77 and 18 thsd. accordingly

20.12. Attendance by shift in day secondary educational institutions[1]

(beginning of academic year)

	Total institutions				Total pupils[2]			
	with one shift		with two shifts[3]		attending the 1st shift		attending the 2nd 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

[1] Excluding special schools (boarding schools), sanatorium schools and schools undergoing major repair
[2] Excluding pupils who require correction of physical and mental development and those of grade 1st at pre-schools and special schools (boarding schools)
[3] Before the 2001/02 academic year, with two and three shifts

20.13. Pupils of day secondary educational institutions, by language of instruction and region[1]

(beginning of academic year; percent)

	Language of instruction											
	Ukrainian						Russian					
	1995/96	2000/01	2005/06	2008/09	2009/10	2010/11	1995/96	2000/01	2005/06	2008/09	2009/10	2010/11
Ukraine	**58**	**70**	**78**	**81**	**82**	**82**	**41**	**29**	**21**	**18**	**17**	**17**
Autonomous Republic of Crimea	0,1	0,9	5	7	8	8	99,5	97	93	90	89	89
oblasts												
Vinnytsya	91	98	99	99	99,5	99,5	9	2	1	1	0,5	0,5
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	40	43	47	94	86	71	60	57	53
Zhytomyr	86	96	99	99	99	99	14	4	1	1	1	1
Zakarpattya	84	86	86	86	87	87	4	2	1	1	1	1
Zaporizhzhya	31	45	60	68	70	73	69	55	40	32	30	27
Ivano-Frankivsk	98	99	99,7	99,6	99,6	99,6	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	44	47	48	91	83	66	56	53	52
Lviv	96	98	99	99	99	99	4	2	1	1	1	1
Mykolayiv	56	74	87	91	92	92	44	26	13	9	8	8
Odesa	32	47	65	71	72	72	66	51	33	27	26	26
Poltava	83	93	97	98	98	98	17	7	3	2	2	2
Rivne	99	99,7	99,9	99,97	99,97	99,97	1	0,3	0,1	0,03	0,03	0,03
Sumy	63	83	93	95	95	96	37	17	7	5	5	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	74	75	75	63	45	29	26	25	25
Kherson	60	76	83	84	85	85	40	24	17	16	15	15
Khmelnytskiy	92	98	99,3	99,5	99,5	99,5	8	2	0,4	0,3	0,2	0,2
Cherkasy	86	96	98	99	99	99	14	4	2	1	1	1
Chernivtsi	78	81	81	82	82	84	5	2	0,7	0,5	0,5	0,4
Chernihiv	81	94	99	99	99,5	99,5	19	6	1	1	0,5	0,5
cities												
Kyiv	70	93	96	97	97	97	30	7	4	3	3	3
Sevastopol	0,0	2	2	2	3	3	99,98	98	98	98	97	97

[1] Excluding pupils who require correction of physical and mental development

In addition to Ukrainian and Russian, other national languages of instruction are used in the schools of Ukraine. At the beginning of the 2010/11 academic year, 18,9 thsd. children were taught in Romanian, 15,4 thsd. in Hungarian, 3,9 thsd. in Moldovian, 5,4 thsd. in Crimean Tatar, 1,4 thsd. in Polish, 0,4 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	2007/08	2008/09	2009/10	2010/11
Total institutions	515	352	245	232	230	224	208	205
Total pupils (including distance learning)[1], thsd.	193	136	117	98	89	83	74	71
of which grades 10–12 (10–16)	186	120	99	87	80	75	65	63

[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

20.15. Pupils graduating from secondary educational institutions

(thsd.)

	Finished 2nd level schools (incomplete secondary education)			Finished 3rd 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

In 2010, 56% of graduates of the 9th joined the 10th grade at day secondary educational institutions, 3% were enrolled to part-time evening shift schools, 18% entered to professional training institutions, and 20% 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[1]	433,5	282,9	247,3
Vocational training of persons in 2010 who				
have completed secondary education	×	130,0	91,8	94,1
obtained qualification along with complete secondary education	×	257,9	114,8	84,0
obtained qualification without complete secondary education	×	21,2	14,1	13,2
involved in vocational training				
not working population	×	8,9	20,0	16,1
enterprise workers	×	14,1	32,2	30,6
involved in upgrading				
not working population	×	1,0	6,1	5,5
enterprise workers	×	0,4	3,9	3,8

[1] In addition to 971 institutions of the Ministry of Education and Science, Youth and Sport of Ukraine, data include 5 institutions of other ministries (agencies)

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

(thsd.)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**277,3**	**266,8**	**278,8**	**282,4**	**275,6**	**283,4**	**286,6**	**289,3**	**285,1**	**269,6**	**239,3**	**247,3**
Autonomous Republic of Crimea	9,1	8,7	9,7	9,9	10,1	9,9	10,0	9,9	10,2	9,0	8,1	9,0
oblasts												
Vinnytsya	10,5	10,9	12,0	12,9	12,4	13,1	14,5	13,9	14,2	12,3	10,7	11,3
Volyn	6,9	7,1	7,4	8,1	8,0	8,9	8,6	8,9	8,6	8,2	6,2	7,1
Dniepropetrovsk	23,1	20,0	22,0	22,1	22,6	23,1	24,5	25,7	25,6	26,9	21,6	23,9
Donetsk	27,8	28,4	30,8	31,0	30,4	30,8	29,7	30,2	28,3	26,8	24,3	24,4
Zhytomyr	7,9	7,1	7,6	7,3	7,0	6,7	6,9	6,7	7,1	6,7	5,5	5,8
Zakarpattya	5,5	5,1	5,5	5,4	5,7	5,6	5,4	5,5	5,1	4,7	5,1	4,8
Zaporizhya	11,7	13,0	13,9	13,8	14,4	14,5	15,3	15,0	14,0	12,5	11,1	10,9
Ivano-Frankivsk	7,0	5,4	5,7	6,6	6,4	7,2	6,8	6,9	6,6	6,6	5,9	6,2
Kyiv	8,4	9,0	9,9	10,6	10,3	9,9	9,9	9,4	9,6	8,8	8,0	7,6
Kirovohrad	8,1	7,6	8,4	8,7	8,3	8,3	7,9	7,1	6,9	6,2	5,6	5,8
Luhansk	17,9	18,7	18,1	18,1	17,2	17,6	17,1	16,6	17,8	15,7	14,4	15,1
Lviv	20,0	19,3	19,1	18,6	17,8	18,9	19,5	19,5	20,1	18,7	17,2	16,6
Mykolayiv	7,8	8,1	8,1	8,6	8,5	8,7	8,5	8,9	8,6	8,6	8,1	7,6
Odesa	12,0	9,2	9,4	9,0	9,1	9,9	10,0	10,1	10,4	10,3	9,9	10,1
Poltava	10,5	10,6	10,9	10,6	9,6	9,8	10,4	10,9	11,0	10,0	8,5	9,0
Rivne	6,5	5,8	5,5	5,1	5,4	6,4	6,6	6,6	7,1	7,2	6,4	6,3
Sumy	8,0	8,9	8,8	9,5	8,8	8,8	9,4	10,1	9,2	9,6	8,7	9,6
Ternopil	5,6	4,8	4,9	5,2	5,1	6,2	6,6	6,9	7,2	6,7	6,0	6,0
Kharkiv	15,7	15,5	15,9	15,5	14,9	15,1	15,8	14,8	12,4	11,5	10,0	11,2
Kherson	7,0	5,9	6,3	6,7	7,0	7,3	7,1	7,1	7,5	7,3	5,2	5,4
Khmelnytskiy	7,9	7,2	7,6	7,6	7,1	7,4	7,0	8,3	8,6	8,3	7,8	8,0
Cherkasy	7,5	6,2	6,0	6,2	6,2	5,9	5,8	5,9	6,1	5,6	5,2	5,3
Chernivtsi	4,8	3,9	4,4	4,7	4,4	4,1	4,7	4,8	4,7	4,3	4,3	4,0
Chernihiv	5,2	6,3	6,8	6,8	6,0	6,4	6,0	6,0	5,3	4,9	4,9	4,9
cities												
Kyiv	13,2	12,8	12,6	12,1	11,4	11,4	10,9	11,9	11,3	10,7	9,0	10,0
Sevastopol	1,7	1,3	1,5	1,7	1,5	1,5	1,7	1,7	1,6	1,5	1,6	1,4

20.18. Institutions of higher education

(beginning of academic year)

	1st and 2nd levels of accreditation						3rd and 4th levels of accreditation					
	1990/91	1995/96	2000/01	2005/06	2009/10	2010/11	1990/91	1995/96	2000/01	2005/06	2009/10	2010/11
Total institutions	**742**	**782**	**664**	**606**	**511**	**505**	**149**	**255**	**315**	**345**	**350**	**349**
Total students, thsd.	**757,0**	**617,7**	**528,0**	**505,3**	**354,2**	**361,5**	**881,3**	**922,8**	**1402,9**	**2203,8**	**2245,2**	**2129,8**
full-time	510,7	455,6	400,8	373,4	289,1	302,9	520,0	616,3	859,5	1233,8	1280,7	1250,2
Enrolled, thsd.	**241,0**	**188,8**	**190,1**	**169,2**	**93,4**	**129,1**	**174,5**	**206,8**	**346,4**	**503,0[1]**	**370,5[1]**	**392,0[1]**
full-time	155,8	142,2	141,2	124,8	79,4	105,9	110,9	150,7	219,5	305,0	266,5	276,2
Graduated, thsd.	**228,7**	**191,2**	**148,6**	**142,7**	**114,8**	**110,9**	**136,9**	**147,9**	**273,6**	**372,4[2]**	**527,3[2]**	**543,7[2]**
full-time	143,9	131,5	109,5	101,9	81,3	81,2	73,3	91,7	189,1	199,6	269,8	275,6

[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 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 4,8 thsd. disabled, 3,6 thsd. orphans and uncared children (aged under 18), at the educational institutions of the 3rd and 4th levels of accreditation – 12,4 thsd. and 6,0 thsd. respectively.

38,2 thsd. foreign students study at institutions of higher education of all levels of accreditation.

In 2010, 93,8 thsd. masters, 272,7 thsd. specialists, 120,3 thsd. bachelors and 167,8 thsd. junior specialists graduated from institutions of higher education of all levels of accreditation.

At the beginning of the 2010/11 academic year, institutions of higher education of all levels of accreditation employed 200,8 thsd. teachers, research and educational staff; this includes 13,5 thsd. doctors and 68,3 thsd. candidates of science, 12,3 thsd. professors and 45,2 thsd. senior lecturers.

20.19. Competitive examinations to institutions of higher education

(number of applications per 100 enrolled students)

	1st and 2nd levels of accreditation							3rd and 4th levels of accreditation						
	1995	2000	2005	2007	2008	2009	2010	1995	2000	2005	2007	2008	2009	2010
All types of training	**156**	**138**	**129**	**126**	**138**	**158**	**180**	**167**	**158**	**153**	**156**	**203**	**345**	**329**
full-time	160	143	135	131	142	164	193	168	174	169	172	233	407	401
part-time	161	133	129	119	122	148	170	151	134	134	117	146	191	204
distance learning	143	121	115	112	114	121	119	164	129	128	131	136	184	158

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 2010/11 this number amounted to 53%.

At the beginning of the 2010/11 academic year, institutions of higher education of all levels of accreditation trained 38,2 thsd. foreign students: 4,7 thsd. (12,3%) from China, 4,5 thsd. (11,7%) from Turkmenistan, 3,5 thsd, (9,0%) from the Russian Federation, 2,4 thsd. (6,4%) from India, 2,2 thsd. (5,7%) from the Jordan, 1,2 thsd. (3,1%) from the Iran and 1,1 thsd. (2,8%) from the Syrian Arab Republic.

20.20. Enrollment to institutions of higher education and training of specialists in 2010, 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 education[1]
		Central budget		local budgets		
		total, persons	percentage of total number of the enrolled	total, persons	percentage of total number of the enrolled	
Total	**521114**	**217095**	**41,7**	**29327**	**5,6**	**654670**
By educational and qualification levels						
master	50	40	80	—	—	93815
specialist	14355	4499	31	5	0,03	272689
bachelor	299210	130235	44	3557	1	120349
junior specialist	207499	82321	40	25765	12	167817

[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	2009/10	2010/11	1990/91	1995/96	2000/01	2005/06	2009/10	2010/11
Ukraine	**742**	**782**	**664**	**606**	**511**	**505**	**757,0**	**617,7**	**528,0**	**505,3**	**354,2**	**361,5**
Autonomous Republic of Crimea	25	33	26	22	17	17	21,7	19,8	14,1	11,2	7,6	7,8
oblasts												
Vinnytsya	28	29	26	20	17	17	27,8	24,0	22,8	17,8	16,7	17,3
Volyn	15	15	15	14	11	11	12,8	10,4	10,7	11,0	7,7	7,9
Dnipropetrovsk	72	75	43	35	34	31	79,1	64,7	37,0	32,6	23,9	23,6
Donetsk	83	82	68	63	57	55	88,0	65,7	51,1	56,8	39,1	38,5
Zhytomyr	21	22	20	20	18	18	20,4	17,0	17,5	22,7	16,5	16,6
Zakarpattya	15	16	15	14	11	11	11,4	10,5	8,2	7,0	4,7	5,0
Zaporizhzhya	27	29	23	23	18	16	29,8	22,2	18,4	18,9	11,6	10,9
Ivano-Frankivsk	18	20	25	22	18	19	15,8	15,1	19,4	18,3	14,4	14,6
Kyiv	16	16	18	20	18	17	16,9	15,0	12,8	11,3	9,6	9,4
Kirovohrad	18	19	18	17	15	14	16,2	11,8	11,2	12,3	9,0	8,6
Luhansk	40	43	30	33	28	28	40,0	33,4	25,0	28,0	16,8	17,3
Lviv	40	44	40	33	25	23	41,2	35,9	33,4	30,8	20,0	20,3
Mykolayiv	14	16	17	12	11	11	17,1	13,9	13,1	10,4	7,7	7,6
Odesa	35	36	32	23	19	20	38,9	30,1	27,6	24,8	14,7	15,4
Poltava	27	27	24	18	16	16	25,1	21,1	18,0	14,3	10,7	11,2
Rivne	15	17	11	11	11	11	13,1	12,2	12,8	11,0	10,4	10,7
Sumy	26	26	21	12	10	10	22,5	17,7	14,5	6,6	5,1	5,4
Ternopil	15	15	13	12	10	10	13,4	12,5	11,0	9,5	7,1	7,4
Kharkiv	49	50	39	38	33	33	55,6	42,8	31,2	29,3	22,8	23,0
Kherson	19	21	18	15	13	13	19,0	15,0	14,3	15,0	9,5	10,0
Khmelnytskiy	18	18	15	15	10	10	16,0	13,6	9,6	10,9	7,0	7,3
Cherkasy	20	22	20	21	12	12	19,6	17,4	16,2	17,8	10,6	11,3
Chernivtsi	18	18	16	16	13	13	14,2	12,5	13,6	13,6	10,0	10,2
Chernihiv	20	21	20	21	17	17	16,2	15,8	15,6	15,4	9,0	9,4
cities												
Kyiv	40	48	46	51	44	47	55,3	44,2	44,9	45,1	29,8	32,6
Sevastopol	4	4	5	5	5	5	3,3	3,4	4,0	2,9	2,2	2,2

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	2008/09	2009/10	2010/11	1995/96	2000/01	2005/06	2008/09	2009/10	2010/11
Ukraine	**55**	**78**	**85**	**88**	**90**	**91**	**45**	**22**	**14**	**12**	**10**	**9**
Autonomous Republic of Crimea	—	—	3	4	5	5	100	100	97	96	95	95
oblasts												
Vinnytsya	97	99	100	100	100	100	3	1	—	—	—	—
Volyn	100	100	100	100	100	100	—	—	—	—	—	—
Dnipropetrovsk	28	74	93	98	99	98	72	26	7	2	1	2
Donetsk	3	24	35	43	46	49	97	76	65	57	54	51
Zhytomyr	90	100	100	100	100	100	10	—	—	—	—	—
Zakarpattya	96	97	99	98	98	98	1	—	—	—	—	—
Zaporizhzhya	24	69	80	94	95	94	76	31	20	6	5	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	83	89	89	92	57	32	17	11	11
Lviv	100	100	100	100	100	100	—	—	—	—	—	—
Mykolayiv	54	95	100	100	100	100	46	5	—	—	—	—
Odesa	30	58	87	93	98	97	70	42	13	7	2	3
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	97	96	63	31	8	4	3	4
Kherson	50	73	89	87	95	100	50	27	11	13	5	—
Khmelnytskiy	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 2010/11 academic year, 87 students studied in Hungarian in the Zakarpattya oblast and 85 students studied in Romanian in the Chernivtsi oblast.

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	2009/10	2010/11	1990/91	1995/96	2000/01	2005/06	2009/10	2010/11
Ukraine	**149**	**255**	**315**	**345**	**350**	**349**	**881,3**	**922,8**	**1402,9**	**2203,8**	**2245,2**	**2129,8**
Autonomous Republic of Crimea	3	11	14	13	15	15	15,5	24,1	42,4	53,3	52,8	47,7
oblasts												
Vinnytsya	3	5	5	5	5	5	19,4	19,4	25,6	39,8	34,8	33,4
Volyn	1	2	3	4	4	4	9,4	11,6	18,1	23,8	27,0	25,7
Dnipropetrovsk	12	16	20	22	25	25	77,4	70,4	107,0	156,3	153,0	147,7
Donetsk	10	21	26	27	27	27	61,5	76,4	120,4	160,3	142,2	133,1
Zhytomyr	2	5	5	5	4	4	9,5	10,6	20,1	28,5	28,6	27,6
Zakarpattya	1	1	4	5	6	6	8,0	8,5	14,5	20,1	23,8	23,4
Zaporizhzhya	7	12	12	12	11	11	33,8	36,5	51,5	83,4	95,7	92,3
Ivano-Frankivsk	3	3	6	9	9	9	14,3	12,6	24,5	42,2	41,9	40,2
Kyiv	1	2	3	5	6	7	6,0	7,4	18,5	28,9	29,8	30,9
Kirovohrad	3	6	6	6	7	7	11,8	12,2	17,7	20,8	20,8	19,8
Luhansk	5	7	7	9	10	10	32,6	30,0	52,3	86,4	92,4	88,1
Lviv	12	15	17	28	24	23	67,7	59,3	83,8	127,8	142,7	137,1
Mykolayiv	2	3	3	5	5	5	12,8	13,2	21,7	33,5	36,4	35,8
Odesa	15	19	20	22	22	22	77,5	73,0	88,4	119,5	128,2	127,2
Poltava	5	6	8	8	7	7	22,6	20,8	38,5	58,8	57,7	53,8
Rivne	3	3	5	6	6	6	15,7	15,5	22,9	42,9	42,4	39,2
Sumy	4	5	6	5	5	5	15,5	16,2	27,0	59,2	49,4	46,3
Ternopil	3	7	9	11	9	8	17,5	22,6	43,8	57,4	51,5	47,5
Kharkiv	22	36	36	37	37	37	128,7	135,5	176,7	256,8	244,7	232,7
Kherson	3	5	6	6	8	8	15,7	17,0	25,2	29,7	29,9	28,5
Khmelnytskiy	3	7	10	10	10	10	16,5	17,9	28,7	39,4	45,3	43,4
Cherkasy	3	5	7	6	6	6	11,7	17,2	24,2	39,3	43,9	41,1
Chernivtsi	2	2	4	4	4	4	11,9	12,7	17,6	25,8	27,9	27,1
Chernihiv	2	5	4	5	5	5	10,9	11,3	19,4	26,7	24,9	22,9
cities												
Kyiv	18	45	66	65	69	69	150,2	165,1	259,9	525,7	560,8	521,8
Sevastopol	1	1	3	5	4	4	7,2	5,8	12,5	17,5	16,7	15,5

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	2008/09	2009/10	2010/11	1995/96	2000/01	2005/06	2008/09	2009/10	2010/11
Ukraine	**51**	**73**	**82**	**88**	**89**	**90**	**49**	**27**	**18**	**12**	**11**	**10**
Autonomous Republic of Crimea	—	0,1	7	11	14	17	100	99,9	93	89	86	83
oblasts												
Vinnytsya	85	99	99	99	99	99	15	1	1	1	1	1
Volyn	97	100	100	100	100	100	3	—	—	—	—	—
Dnipropetrovsk	32	62	79	91	92	93	68	38	21	9	8	7
Donetsk	8	23	34	51	58	62	92	77	66	49	42	38
Zhytomyr	78	92	97	96	98	99	22	8	3	4	2	1
Zakarpattya	100	98	97	95	96	97	—	—	—	—	—	—
Zaporizhzhya	20	70	84	92	94	95	80	30	15	8	6	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	91	90	89	15	8	9	9	10	11
Luhansk	8	26	43	67	77	79	92	74	57	33	23	21
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	83	85	84	70	34	24	17	15	16
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	99,8	99,9	100	59	—	0,2	0,2	0,1	—
Ternopil	100	100	100	99,9	99,8	99,9	—	—	—	—	—	—
Kharkiv	31	66	76	86	86	88	69	34	24	14	14	12
Kherson	40	60	65	88	96	89	60	40	35	12	4	11
Khmelnytskiy	99		99,8	99,9	99,9	99,9	1	1	0,2	0,1	0,1	0,1
Cherkasy	84	98	99,6	99,8	100	100	16	2	0,4	0,2	—	—
Chernivtsi	99,7	99,9	100	100	100	100	0,3	0,1	—	—	—	—
Chernihiv	78	94	96	97	97	96	22	6	4	3	3	4
cities												
Kyiv	67	94	96	97	96	95	33	6	3	3	3	5
Sevastopol	—	—	4	11	5	13	100	100	96	89	95	87

At the beginning of 2010/11, 1558 students in Kyiv city, 63 students in the Ternopil and 74 students in the Kharkiv oblast were taught in English, 795 students in the Zakarpattya oblast were taught in Hungarian.

20.25. Training of postgraduate students

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total institutions offering postgraduate course	291	374	418	479	490	496	502	507	521	525	530
Total postgraduate students	13374	17464	23295	27106	28412	29866	31293	32497	33344	34115	34653
Enrolled	4162	6261	7744	9022	9225	9711	10201	10286	10189	10470	10626
full-time	2625	4445	5153	5790	5877	6006	6172	6188	6259	6403	6503
part-time	1537	1816	2591	3232	3348	3705	4029	4098	3930	4067	4123
Graduated	3377	3372	5132	5733	6100	6417	6840	7154	7343	7929	8290
full-time	2055	2339	3715	3970	4156	4279	4527	4726	4768	5067	5212
part-time	1322	1033	1417	1763	1944	2138	2313	2428	2575	2862	3078

20.26. Training of doctoral students

	1991	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total institutions offering doctorate training	93	158	209	235	246	240	241	252	249	256	263
Total Doctorate students	503	1105	1131	1220	1271	1315	1373	1418	1476	1463	1561
Enrolled	203	436	376	437	469	461	502	506	531	475	603
Graduated	123	224	401	352	366	373	396	414	424	465	459

21. HEALTH AND SOCIAL AID

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 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

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 personnel[1]

(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

[1] Data for 1913 cover Ukraine within the frontiers of the former Ukrainian Soviet Republic before September 17, 1939, whereas for 1940–2010 the data cover the current territory of Ukraine

[2] Excluding dental technicians

21.2. Health care indicators

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total medical practitioners (doctors)											
thsd.	227	230	226	223	223	224	225	223	222[1]	225[1]	225[1]
per 10 thsd. population	44,0	45,1	46,2	47,1	47,4	47,9	48,4	48,3	48,3	49,1	49,3
Total paramedical staff											
thsd.	607	595	541	523	522	496	493	488	465	467	467
per 10 thsd. population	117,5	116,5	110,3	110,3	110,9	106,2	106,1	105,5	101,1	102,0	102,4
Total hospitals, thsd.	3,9	3,9	3,3	3,0	2,9	2,9	2,9	2,8	2,9	2,8	2,8
In which beds											
thsd.	700	639	466	458	451	445	444	440	437	431	429
per 10 thsd. population	135,5	125,1	95,0	96,6	95,7	95,2	95,6	95,2	95,1	94,2	94,0
Total out-patient medical institutions, thsd.	6,9	7,2	7,4	7,6	7,7	7,8	7,9	8,0	8,8	8,8	9,0
including											
institutions with dental departments[2]	4,8	4,7	4,6	4,7	4,7	4,6	4,7	4,7	4,7	4,7	4,8
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	981	987	990	998	992	987	1000	993
per 10 thsd. population	173,1	189,0	198,4	206,8	209,6	211,7	214,8	214,7	214,8	218,3	217,7
Total ambulance outlets[2]	970	1064	1039	974	975	976	982	987	997	998	990
Total patients who received out-patient and ambulance services[2]											
mln.	17,8	16,0	14,0	13,9	13,8	13,8	13,8	13,9	13,6	13,5	13,4
per 1000 population	345	313	285	291	293	294	297	300	295	295	294

[1] See the second footnote to Table 21.1
[2] 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	2009[1]	2010[1]	1990	1995	2000	2005	2009[1]	2010[1]
Ukraine	**227,2**	**230,2**	**226,3**	**223,8**	**224,9**	**224,9**	**44,0**	**45,1**	**46,2**	**47,9**	**49,1**	**49,3**
Autonomous Republic of Crimea	12,9	12,1	11,1	10,7	9,6	10,2	60,8	55,6	53,3	54,4	49,0	52,3
oblasts												
Vinnytsya	7,7	8,3	8,3	8,3	8,1	8,1	40,4	44,3	46,6	48,9	49,4	49,5
Volyn	3,9	4,2	4,2	4,1	3,9	4,0	36,1	39,1	39,6	39,0	38,1	38,7
Dnipropetrovsk	17,1	18,5	17,5	16,6	16,7	16,4	43,9	48,3	47,7	48,3	49,8	49,2
Donetsk	23,7	23,5	22,4	21,6	19,9	19,8	44,5	45,4	46,0	46,9	44,7	44,7
Zhytomyr	5,0	5,1	5,4	5,2	5,0	5,0	32,9	34,8	38,5	39,3	38,9	38,9
Zakarpattya	4,9	5,2	5,2	5,2	5,1	5,2	39,2	40,6	40,6	42,1	41,3	42,0
Zaporizhzhya	9,1	9,2	9,5	8,8	8,7	8,6	43,6	44,2	48,3	47,6	47,9	47,9
Ivano-Frankivsk	6,1	6,4	6,6	6,7	8,4	8,2	42,7	44,1	45,6	48,7	60,6	59,5
Kyiv	6,1	6,2	6,0	5,8	7,1	7,2	31,2	32,6	33,4	32,8	41,5	42,2
Kirovohrad	4,8	4,2	4,0	3,7	3,6	3,6	38,7	34,5	35,3	35,2	36,1	36,2
Luhansk	11,0	11,2	10,7	10,3	10,2	10,0	38,4	40,3	41,2	43,0	44,1	43,8
Lviv	13,5	14,2	13,9	14,5	14,8	15,0	49,0	51,8	51,9	56,6	58,4	59,5
Mykolayiv	4,6	4,9	4,6	4,4	4,4	4,4	34,3	36,6	36,0	35,8	36,7	36,8
Odesa	13,5	12,3	11,9	11,2	11,7	11,7	51,8	47,9	48,0	46,8	49,0	49,0
Poltava	6,8	7,5	7,8	7,3	7,4	7,2	38,5	43,4	46,9	47,4	49,6	48,9
Rivne	3,7	4,2	4,6	4,7	4,9	4,8	31,9	35,2	38,9	40,6	42,2	41,6
Sumy	4,6	4,7	4,8	4,5	4,6	4,6	32,1	33,8	36,7	36,5	39,4	39,6
Ternopil	5,1	5,5	5,4	5,4	5,6	5,6	43,7	47,0	47,0	49,1	51,8	52,1
Kharkiv	15,7	16,0	15,2	15,8	15,8	15,9	49,5	52,1	52,0	56,1	57,4	58,0
Kherson	4,5	4,6	4,2	4,1	3,9	3,9	35,9	36,6	34,9	36,1	35,5	35,7
Khmelnytskiy	4,9	5,4	5,4	5,5	5,5	5,6	32,5	35,8	37,4	40,1	41,6	42,3
Cherkasy	5,6	5,6	5,4	5,1	5,0	5,0	36,9	37,2	37,9	37,8	38,7	39,0
Chernivtsi	4,0	4,3	4,4	4,9	5,7	5,6	42,7	45,6	47,2	54,0	63,7	62,0
Chernihiv	4,5	4,6	4,6	4,3	4,1	4,1	32,2	34,1	36,3	36,9	37,3	37,3
cities												
Kyiv	21,2	20,1	21,3	23,2	23,1	23,1	81,3	77,0	81,5	87,6	84,3	83,8
Sevastopol	2,7	2,2	1,9	1,9	2,1	2,1	67,6	54,1	48,0	49,1	55,4	55,1

[1] See the second footnote to Table 21.1

21.4. Paramedical personnel, by region

(end of year)

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2009	2010	1990	1995	2000	2005	2009	2010
Ukraine	**607,2**	**595,1**	**541,0**	**496,3**	**466,9**	**466,8**	**117,5**	**116,5**	**110,3**	**106,2**	**102,0**	**102,4**
Autonomous Republic of Crimea	27,4	27,1	23,1	21,9	18,9	20,1	129,7	124,3	111,5	111,1	96,6	102,9
oblasts												
Vinnytsya	23,1	22,6	20,5	18,9	17,5	17,6	121,3	121,2	114,4	111,7	106,6	107,7
Volyn	13,9	13,3	11,8	11,3	11,2	11,3	130,2	123,6	112,5	108,8	108,5	109,1
Dnipropetrovsk	45,3	46,2	39,3	35,3	32,2	32,2	116,3	120,3	107,0	102,4	95,9	96,6
Donetsk	67,4	63,5	55,1	48,4	42,4	41,6	126,5	122,7	113,1	104,9	95,2	94,0
Zhytomyr	16,8	17,4	16,5	15,3	14,4	14,4	112,0	118,3	116,4	114,7	112,0	112,1
Zakarpattya	13,0	13,5	13,1	12,9	11,4	11,5	103,0	105,3	103,1	104,1	92,1	92,2
Zaporizhzhya	23,5	22,9	22,0	19,2	18,3	18,1	112,2	110,8	111,4	103,2	101,0	100,6
Ivano-Frankivsk	16,5	16,1	15,5	14,2	15,0	15,1	115,2	110,5	107,6	102,7	108,8	109,9
Kyiv	19,7	19,7	18,5	16,3	15,9	16,0	101,5	104,3	102,2	92,9	92,6	93,6
Kirovohrad	15,7	13,5	12,9	11,4	10,6	10,6	127,5	111,3	112,7	107,9	105,1	106,0
Luhansk	33,9	31,4	26,6	24,8	22,8	22,6	118,4	112,9	102,1	103,2	98,8	98,9
Lviv	28,8	30,5	30,5	30,1	28,3	28,5	104,8	111,2	113,8	117,6	111,6	112,8
Mykolayiv	13,8	13,8	12,3	11,1	10,2	10,1	102,7	103,0	95,9	90,9	85,7	85,3
Odesa	31,3	27,6	24,9	21,8	22,4	22,4	119,5	107,4	100,5	91,3	94,0	94,4
Poltava	19,2	20,3	19,4	16,8	15,3	15,2	109,8	117,2	116,9	108,3	102,5	102,5
Rivne	13,0	14,3	13,2	13,5	13,4	13,3	110,8	120,2	112,3	116,9	116,9	115,7
Sumy	16,2	15,6	14,5	13,0	12,8	12,7	113,9	112,0	110,5	106,7	109,3	109,7
Ternopil	13,7	13,2	12,5	12,2	12,1	12,1	117,3	113,1	109,0	109,9	111,7	112,4
Kharkiv	35,6	36,3	32,3	28,7	26,8	26,4	112,2	118,4	110,7	102,0	97,2	96,4
Kherson	15,6	14,7	12,2	11,3	10,4	10,4	124,1	116,7	100,8	100,3	95,4	95,5
Khmelnytskiy	16,3	16,6	14,7	13,8	14,0	14,2	107,7	110,2	102,1	100,4	105,2	107,2
Cherkasy	17,2	16,8	16,2	14,6	13,7	13,5	112,5	112,2	113,5	108,9	105,9	105,5
Chernivtsi	9,9	10,2	9,4	9,0	9,4	9,5	105,1	107,8	101,0	99,4	104,6	105,4
Chernihiv	16,0	16,3	15,1	13,3	12,4	12,3	113,8	120,7	119,1	114,6	112,7	112,8
cities												
Kyiv	38,6	36,6	34,6	33,4	31,4	31,3	148,0	140,1	132,8	125,9	114,4	113,5
Sevastopol	5,8	5,1	4,3	3,8	3,7	3,8	142,9	125,8	111,0	100,2	98,5	99,5

21.5. Hospital beds, by region

(end of year)

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2009	2010	1990	1995	2000	2005	2009	2010
Ukraine	**700,3**	**638,9**	**466,0**	**444,9**	**431,4**	**428,7**	**135,5**	**125,1**	**95,0**	**95,2**	**94,2**	**94,0**
Autonomous Republic of Crimea	26,3	25,0	19,3	17,9	17,4	17,2	124,3	114,7	92,9	90,6	88,7	88,0
oblasts												
Vinnytsya	28,2	25,0	16,1	15,6	14,4	14,3	148,2	134,1	90,2	92,1	87,6	87,8
Volyn	14,7	13,7	8,9	8,6	8,7	8,6	137,5	127,5	84,2	82,5	83,6	83,3
Dnipropetrovsk	54,7	54,1	40,3	37,5	35,8	35,3	140,3	141,0	109,9	109,0	106,8	106,0
Donetsk	74,1	63,6	44,3	41,7	38,7	38,5	139,2	122,9	90,9	90,5	86,8	87,1
Zhytomyr	20,9	15,3	11,4	10,8	10,3	10,2	138,8	104,1	80,9	80,8	79,9	79,6
Zakarpattya	14,8	14,0	10,8	10,2	10,1	10,0	117,6	108,9	84,4	82,0	81,7	80,7
Zaporizhzhya	29,4	28,5	20,8	18,3	16,8	16,7	140,7	137,6	105,2	98,6	92,9	92,8
Ivano-Frankivsk	18,3	16,8	12,8	12,7	12,6	12,5	128,1	115,3	88,6	91,3	91,3	90,6
Kyiv	24,0	21,8	15,5	14,3	15,1	15,0	123,8	115,2	85,6	81,5	87,9	87,8
Kirovohrad	18,1	16,5	11,0	10,3	9,8	9,8	146,6	136,3	96,3	97,2	97,3	97,5
Luhansk	40,8	35,8	25,8	25,7	24,5	24,1	142,5	128,7	99,1	106,7	106,1	105,3
Lviv	34,3	29,5	25,8	24,8	24,8	24,7	124,9	107,7	96,3	97,0	98,1	97,9
Mykolayiv	17,9	17,7	11,1	10,6	10,2	10,2	133,6	131,6	86,7	87,2	85,7	85,9
Odesa	35,0	28,6	22,7	21,8	22,4	22,4	133,7	111,2	91,7	91,1	94,3	94,1
Poltava	24,0	23,7	14,4	13,8	13,5	13,4	137,0	136,8	87,2	89,1	90,8	90,6
Rivne	15,8	15,4	10,3	10,5	10,5	10,5	135,1	129,3	87,7	90,9	91,4	91,3
Sumy	20,0	17,6	11,9	11,4	11,3	11,2	140,4	126,5	90,8	93,2	96,2	96,7
Ternopil	15,5	14,3	10,7	10,1	9,9	9,9	132,5	122,5	93,0	91,4	90,8	91,1
Kharkiv	42,4	41,9	29,0	27,8	25,2	25,2	133,5	136,6	99,4	98,7	91,6	92,0
Kherson	16,5	15,5	11,2	11,8	11,2	11,1	131,0	122,8	92,7	105,0	102,4	102,2
Khmelnytskiy	20,6	19,1	13,2	12,2	12,3	12,3	136,0	127,1	91,6	88,9	92,7	92,8
Cherkasy	20,8	17,9	12,9	12,1	11,6	11,5	136,5	119,0	90,3	90,7	89,6	89,3
Chernivtsi	12,2	10,8	8,2	8,3	8,4	8,1	130,1	114,5	87,6	91,5	93,0	89,5
Chernihiv	20,1	19,0	14,2	13,0	12,6	12,6	143,0	140,7	112,1	112,1	114,8	115,5
cities												
Kyiv	36,6	33,6	30,3	30,1	29,9	30,0	139,9	129,0	116,4	113,6	109,1	108,8
Sevastopol	4,3	4,2	3,1	3,0	3,4	3,4	106,6	102,8	80,8	79,1	89,3	89,1

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	2009	2010	1990	1995	2000	2005	2009	2010
Ukraine	**894,9**	**965,5**	**973,0**	**989,9**	**999,6**	**992,8**	**173,1**	**189,0**	**198,4**	**211,7**	**218,3**	**217,7**
Autonomous Republic of Crimea	31,9	34,1	35,1	34,9	34,4	34,3	150,7	156,5	169,5	176,6	176,0	175,3
oblasts												
Vinnytsya	24,3	25,7	25,3	25,8	25,8	26,1	127,6	137,7	141,3	152,5	157,3	159,6
Volyn	14,7	16,2	17,9	18,0	18,2	18,3	137,8	151,2	170,0	173,2	176,1	176,6
Dnipropetrovsk	82,4	93,1	93,7	93,2	92,8	90,9	211,5	242,4	255,7	270,6	276,9	272,8
Donetsk	79,7	82,3	86,4	94,0	85,0	85,3	149,6	158,9	177,3	204,0	190,8	193,0
Zhytomyr	28,8	31,1	32,5	32,3	32,1	32,1	191,8	211,5	230,3	242,7	249,2	250,7
Zakarpattya	22,3	24,0	24,2	24,8	26,7	27,6	177,1	187,1	189,9	199,7	214,8	221,8
Zaporizhzhya	31,9	33,2	36,4	37,1	36,9	37,0	152,6	160,3	184,3	199,4	203,8	205,4
Ivano-Frankivsk	18,6	20,3	20,5	20,6	23,2	23,2	130,0	139,2	141,8	149,0	168,2	168,5
Kyiv	31,4	35,4	35,1	34,3	35,9	36,0	161,8	187,5	194,5	195,0	209,3	210,1
Kirovohrad	26,2	27,9	27,2	27,0	28,9	28,8	212,1	230,1	238,3	254,1	285,9	287,0
Luhansk	52,0	52,7	53,9	53,4	49,0	48,9	181,4	189,5	207,0	222,2	212,5	214,0
Lviv	44,1	47,4	47,3	48,0	49,2	48,9	160,7	173,0	176,1	187,6	194,4	193,5
Mykolayiv	20,6	22,3	23,3	22,3	23,2	23,1	153,7	166,2	181,4	183,4	194,9	195,6
Odesa	51,1	51,4	48,3	50,9	49,6	49,0	195,4	200,1	195,1	212,8	208,2	206,2
Poltava	33,2	37,0	37,2	38,1	38,3	38,5	189,6	213,2	224,4	246,5	256,7	259,9
Rivne	20,1	23,3	22,7	23,7	33,2	24,5	171,6	196,2	192,9	204,7	288,3	212,5
Sumy	23,5	27,2	26,9	27,5	27,5	27,5	165,1	195,1	204,7	224,4	234,9	237,1
Ternopil	18,0	19,5	19,8	20,2	21,6	21,2	153,6	166,4	173,0	181,8	199,3	196,4
Kharkiv	56,1	59,0	57,2	60,9	60,2	62,4	176,8	192,2	195,8	216,3	218,7	227,6
Kherson	20,8	20,9	21,0	21,4	20,8	21,5	165,6	165,2	173,2	190,6	190,6	197,6
Khmelnytskiy	22,6	25,2	25,8	25,2	25,6	25,4	149,6	168,0	178,8	184,2	192,1	191,9
Cherkasy	25,1	27,3	27,4	27,6	29,2	29,8	164,2	181,7	191,5	206,2	226,2	232,4
Chernivtsi	15,3	15,2	15,1	15,9	17,1	17,0	162,2	161,2	162,4	175,3	190,1	188,7
Chernihiv	22,2	24,0	24,1	23,8	24,5	24,3	158,2	178,6	190,9	205,6	222,3	223,2
cities												
Kyiv	70,8	82,0	81,1	81,6	82,7	83,3	270,9	314,4	311,2	307,7	301,4	302,2
Sevastopol	7,2	7,8	7,6	7,4	8,0	7,9	177,4	191,6	196,1	195,1	212,5	209,7

21.7. Morbidity, by disease

(cases of newly registered diseases)

	Thsd.						Per 100 thsd. population					
	1990	1995	2000	2005	2009	2010	1990	1995	2000	2005	2009	2010
Total diseases	**32188**	**32547**	**33471**	**32912**	**33032**	**33080**	**62335**	**63474**	**67966**	**70138**	**72007**	**72401**
including												
some infectious and parasitic diseases	1333	1504	1436	1337	1225	1195	2582	2934	2915	2850	2670	2617
neoplasm	310	327	382	408	407	418	601	639	776	870	888	915
diseases of blood and hemogenic organs and selected immunity disorders	114	191	246	238	223	223	221	373	499	506	486	489
diseases of endocrine system, nutrition and metabolic disorders[1]	307	272	596	549	521	512	594	531	1210	1170	1135	1120
psychological and behavioural disorders	265	267	243	228	203	193	514	521	494	486	444	422
diseases of the nervous system[2]	2640	3037	748	754	754	750	5112	5923	1519	1607	1643	1641
diseases of eyes and eye adventive organ[2]	…	…	1541	1615	1619	1645	…	…	3129	3441	3530	3601
diseases of ears and mammillary appendix[2]	…	…	1149	1197	1196	1225	…	…	2332	2550	2606	2680
diseases of blood circulation system	1149	1390	2338	2430	2423	2390	2225	2710	4747	5179	5282	5230
diseases of respiratory organs	17021	15705	14639	13894	14528	14595	32962	30628	29727	29609	31671	31943
digestion disorders	1189	1332	1429	1410	1370	1341	2303	2597	2903	3004	2986	2935
diseases of skin and hypodermic cellular tissue	1799	2144	1996	1936	1890	1921	3483	4181	4053	4126	4121	4204
disease of bony and muscle systems and connective tissue	1374	1416	1571	1600	1544	1532	2661	2761	3191	3411	3367	3353
diseases of urogenital system	1224	1544	1939	2185	2140	2138	2370	3012	3937	4655	4665	4681
pregnancy, delivery and postnatal period	414	516	588	661	644	612	3358[3]	4051[3]	4621[3]	5342[3]	5417[3]	5233[3]
congenital anomalies (defects of growth), deformation and chromosome disorders	41	47	62	53	52	52	79	92	125	114	114	115
traumas, poisoning and some other consequences of external affects	2866	2647	2339	2264	2164	2217	5550	5161	4749	4825	4716	4853

[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 mammillary 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 infections diseases

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total cases											
Acute intestinal diseases, thsd.	107,3	123,3	102,5	76,3	75,1	83,2	71,0	84,0	79,3	83,0	87,5
Typhoid fever and paratyphus A, B and C	172	189	103	34	38	90	23	13	8	6	8
Infections caused by salmonella, thsd.	16,5	15,3	8,0	8,1	6,8	7,5	7,8	10,1	9,8	9,5	9,8
Virus hepatitis including serum, thsd.	147,6	164,6	38,6	41,0	31,6	26,9	16,7	12,1	8,9	6,3	12,2
Flu and acute infections of respiratory organs, mln.	12,5	10,7	9,8	9,0	8,0	8,5	7,5	8,5	8,1	9,3	8,6
Scarlet fever, thsd.	32,2	16,7	16,1	10,6	9,2	10,3	11,6	15,2	18,3	12,0	14,4
Diphtheria	109	5277	365	158	123	98	68	81	61	21	17
Whooping cough, thsd.	4,2	1,2	2,2	0,8	2,2	1,5	2,5	2,2	1,0	1,4	1,1
Tetanus	102	72	36	34	20	16	24	28	17	12	13
Acute poliomyelitis	—	1	6	1	3	1	1	—	—	—	—
Measles, thsd.	6,8	1,9	0,8	0,4	0,1	2,4	42,7	1,0	0,0	0,0	0,0
Per 100 thsd. population, cases											
Acute intestinal diseases	207,8	240,4	208,1	160,2	159,0	177,3	152,3	181,2	172,1	181,0	191,6
Typhoid fever and paratyphus A, B and C	0,3	0,4	0,2	0,1	0,1	0,2	0,0	0,0	0,0	0,0	0,0
Infections caused by salmonella	32,0	29,8	16,2	16,9	14,4	15,9	16,7	21,7	21,3	20,8	21,4
Virus hepatitis including serum	285,8	320,9	78,3	86,0	66,8	57,3	35,9	26,1	19,4	13,8	26,8
Flu and acute infections of respiratory organs	24194	20935	19897	18816	16909	18051	16089	18419	17498	20228	18770
Scarlet fever	62,3	32,6	32,6	22,3	19,4	21,9	24,9	32,8	39,7	26,2	31,6
Diphtheria	0,2	10,3	0,7	0,3	0,3	0,2	0,1	0,2	0,1	0,0	0,0
Whooping cough	8,1	2,3	4,6	1,6	4,7	3,2	5,3	4,7	2,2	3,0	2,3
Tetanus	0,2	0,1	0,1	0,1	0,0	0,0	0,1	0,1	0,0	0,0	0,0
Acute poliomyelitis	—	0,0	0,0	0,0	0,0	0,0	0,0	—	—	—	—
Measles	13,2	3,8	1,7	0,9	0,3	5,1	91,7	2,2	0,1	0,1	0,1

21.9. New HIV infections and number of persons registered as HIV positive[1]

	HIV infected persons						Of which positive persons					
	1995	2000	2005	2008	2009	2010	1995	2000	2005	2008	2009	2010
Total newly registered HIV infected person												
thsd.	1,5	6,3	13,8	19,0	19,9	20,5	0,04	0,7	4,2	4,4	4,4	5,9
per 100 thsd. population	2,9	12,9	29,4	41,2	43,3	44,9	0,1	1,3	9,0	9,5	9,7	12,8
Total patients registered at medical institutions, end of year												
thsd.	1,5	30,7	62,9	91,8	101,3	110,5	0,1	0,9	5,1	10,4	11,8	14,0
per 100 thsd. population	3,0	63,1	134,6	199,7	221,2	242,3	0,1	1,9	10,9	22,7	25,9	30,8

[1] Including foreign citizens

At the end of 2010, 56% of HIV infected and registered as HIV positive persons were males and 46% were those infected through drug injections.

21.10. HIV infected and HIV positive, by region[1]

(total newly registered)

	HIV infected persons					Including HIV infected persons – positive persons				
	2000	2005	2008	2009	2010	2000	2005	2008	2009	2010
Ukraine	**6307**	**13786**	**18973**	**19860**	**20521**	**653**	**4220**	**4386**	**4446**	**5871**
Autonomous Republic of Crimea	412	896	1005	1118	1086	92	235	233	180	182
oblasts										
Vinnytsya	101	248	314	323	359	8	82	118	157	180
Volyn	96	158	244	262	214	3	26	77	80	99
Dnipropetrovsk	920	2045	3085	3626	3259	17	778	782	928	1116
Donetsk	1503	2997	3992	4061	4031	73	1343	940	814	1226
Zhytomyr	59	225	340	345	463	7	68	106	111	133
Zakarpattya	17	36	42	50	62	1	9	5	5	3
Zaporizhzhya	144	406	527	501	558	18	102	134	144	195
Ivano-Frankivsk	18	74	166	117	170	4	8	29	41	41
Kyiv	63	333	700	730	753	3	95	155	192	192
Kirovohrad	45	173	239	254	302	1	13	59	54	75
Luhansk	153	525	678	610	746	5	67	200	176	295
Lviv	89	209	315	462	479	5	43	114	118	153
Mykolayiv	453	802	1189	1130	1107	75	288	109	75	82
Odesa	977	1349	1555	1568	2143	275	442	179	165	461
Poltava	121	303	378	409	413	—	80	101	136	183
Rivne	22	82	216	240	244	4	9	25	16	23
Sumy	36	92	185	214	217	3	21	52	65	67
Ternopil	60	65	129	105	105	—	14	32	21	39
Kharkiv	153	401	517	557	527	8	42	94	103	126
Kherson	195	327	589	591	560	18	61	79	91	133
Khmelnytskiy	110	241	201	263	297	1	48	69	72	105
Cherkasy	151	300	358	391	471	3	94	177	131	173
Chernivtsi	25	62	90	99	102	9	23	36	10	18
Chernihiv	84	236	439	483	507	1	27	72	99	115
cities										
Kyiv	217	1023	1258	1096	1088	15	73	346	377	371
Sevastopol	83	178	222	255	258	4	129	63	85	85

[1] See the footnote to Table 21.9

21.11. Incidence of malignant tumours

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total newly registered											
thsd.	155,4	158,6	156,6	155,3	155,9	157,5	153,6	154,1	152,9	152,4	156,2
per 100 thsd. population	301	309	318	326	330	336	330	333	332	332	342
Total patients registered at medical institutions, end of year											
thsd.	670,5	732,6	768,3	818,0	839,5	864,3	891,8	913,0	934,1	960,9	988,6
per 100 thsd. population	1297	1434	1567	1724	1782	1849	1919	1977	2032	2099	2168

21.12. Incidence of malignant tumours in 2010, by location

	Thsd.			Per 100 thsd. population		
	total	including		total	including	
		males	females		males	females
Total newly registered	**156,2**	**74,8**	**81,4**	**341,9**	**355,0**	**330,6**
including malignant tumour						
lips, mouth and throat	5,6	4,5	1,1	12,1	21,3	4,4
oesophagus	1,8	1,6	0,2	3,8	7,3	0,9
stomach	10,9	6,5	4,4	24,0	31,0	18,0
rectum	8,7	4,5	4,2	19,0	21,5	16,9
larynx	2,3	2,2	0,1	5,0	10,3	0,4
trachea, bronchi, lungs	16,5	13,4	3,1	36,0	63,5	12,5
skin	21,7	9,0	12,7	47,5	42,6	51,7
mammary glands	16,1	0,1	16,0	35,3	0,8	64,9
womb	11,9	×	11,9	48,4[1]	×	48,4
kidney	5,1	2,9	2,2	11,2	14,0	8,8
urine bladder	5,0	4,0	1,0	10,9	19,1	4,0
thyroid gland	2,6	0,5	2,1	5,7	2,2	8,6
lymphatic and hemogenic tissue	7,9	4,0	3,9	17,3	19,0	15,8

[1] Per 100 thsd. females

21.13. Incidence of mental illness

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total newly registered											
thsd.	128,9	135,6	129,0	115,8	115,5	113,6	108,0	112,6	115,1	106,8	107,4
per 100 thsd. population	250	264	262	243	244	242	232	243	250	233	235
Total registered at medical institutions, end of year											
thsd.	1178	1169	1202	1181	1177	1176	1179	1176	1176	1171	1169
per 100 thsd. population	2280	2288	2452	2490	2500	2516	2537	2545	2559	2558	2563

21.14. Incidence of active tuberculosis

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total newly registered											
thsd.	16,5	21,5	29,8	37,0	38,4	39,6	38,9	37,1	35,9	33,4	31,3[1]
per 100 thsd. population	31,9	41,8	60,4	77,8	81,2	84,4	83,4	80,1	78,0	72,9	68,5
including active form of tuberculosis of respiratory organs											
thsd.	14,7	19,9	27,9	35,3	36,6	37,8	37,1	35,5	34,4	31,8	29,5
per 100 thsd. population	28,5	38,9	56,7	74,0	77,4	80,5	79,7	76,7	74,6	69,3	64,7
Total patients registered at medical institutions, end of year											
thsd.	98,3	99,5	122,9	141,4	106,7[2]	103,2	99,2	93,2	88,8	84,0	78,6
per 100 thsd. population	190,2	194,8	250,6	298,1	226,6	220,7	213,6	201,8	193,1	183,5	172,5

[1] Among the persons newly registered as sick of active form of tuberculosis in 2010, 69% were males, and 94% were sick of respiratory tuberculosis

[2] The decrease in the number of the sick is explained by the decision taken by the Ministry of Health Care of Ukraine to revise the category of persons subject to regular medical check-up

21.15. Incidence of active tuberculosis, by region

(total newly registered)

	Persons						Per 100 thsd. population					
	1990	1995	2000	2005	2009	2010	1990	1995	2000	2005	2009	2010
Ukraine	**16465**	**21459**	**29753**	**39608**	**33424**	**31295**	**31,9**	**41,8**	**60,4**	**84,4**	**72,9**	**68,5**
Autonomous Republic of Crimea	548	747	1190	1743	1673	1639	26,1	34,2	57,2	88,0	85,5	83,8
oblasts												
Vinnytsya	726	668	999	1199	965	925	38,0	35,7	55,6	70,4	58,5	56,4
Volyn	308	469	611	714	652	580	29,0	43,7	58,0	68,7	63,1	56,1
Dnipropetrovsk	1120	1490	2329	2841	3290	3140	28,8	38,6	63,2	82,1	97,9	93,9
Donetsk	1496	2408	3364	4816	3860	3570	28,1	46,2	68,6	103,9	86,3	80,5
Zhytomyr	622	770	932	1295	1004	978	41,0	52,1	65,7	96,8	77,8	76,2
Zakarpattya	479	420	616	737	748	744	38,2	32,8	48,3	59,2	60,3	59,8
Zaporizhzhya	670	949	1303	1736	1303	1219	32,1	45,7	65,6	92,9	71,8	67,5
Ivano-Frankivsk	500	591	837	1101	941	911	35,0	40,6	57,9	79,3	68,3	66,1
Kyiv	629	800	989	1244	1068	988	32,4	42,1	54,5	70,5	62,1	57,6
Kirovohrad	478	447	736	1184	897	823	38,8	36,7	64,0	110,7	88,3	81,7
Luhansk	899	1282	1997	2784	2117	1904	31,4	45,8	76,2	115,0	91,4	82,9
Lviv	870	1301	1748	2023	1866	1678	31,8	47,4	65,0	78,9	73,7	66,4
Mykolayiv	453	573	941	1365	1167	1076	33,9	42,6	72,9	111,5	97,9	90,7
Odesa	1091	1248	1720	2292	1873	1842	41,7	48,4	69,3	95,6	78,7	77,4
Poltava	495	532	830	879	842	789	28,2	30,5	49,9	56,5	56,2	53,1
Rivne	405	664	776	940	800	679	34,6	55,8	65,7	81,2	69,6	59,0
Sumy	425	585	724	724	594	597	29,8	41,8	54,7	58,7	50,5	51,3
Ternopil	379	516	509	756	614	594	32,4	44,0	44,3	67,9	56,4	54,8
Kharkiv	975	1321	1593	2563	1749	1592	30,7	42,8	54,3	90,8	63,4	58,0
Kherson	543	624	1122	1978	1209	1167	43,4	49,2	92,2	174,9	110,4	107,1
Khmelnytskiy	497	563	786	887	793	707	32,8	37,4	54,3	64,4	59,4	53,3
Cherkasy	490	546	730	931	867	769	32,1	36,2	50,7	69,2	66,9	59,8
Chernivtsi	266	355	428	512	446	443	28,3	37,5	45,8	56,5	49,5	49,2
Chernihiv	509	603	792	901	817	749	36,2	44,5	62,2	77,0	73,8	68,4
cities												
Kyiv	498	852	956	1228	1023	950	19,1	32,6	36,7	46,5	37,4	34,5
Sevastopol	94	135	195	235	246	242	23,4	33,0	50,1	62,4	65,0	63,9

21.16. Incidence of illnesses due to drug addiction

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total newly registered with psychological and behavioural disorders due to addiction to											
alcohol (alcoholism and alcohol psychoses)											
thsd.	66,1	63,6	51,8	52,7	56,2	57,0	53,9	59,0	60,2	48,3	42,7
per 100 thsd. population	128	124	105	111	119	122	116	127	131	105	94
narcotics and other psychoactive materials (excluding alcohol) drug and toxin addiction											
thsd.	3,4	12,3	11,7	9,2	7,3	6,9	6,4	5,8	6,0	6,3	6,3
per 100 thsd. population	6,6	24,0	23,9	19,3	15,5	14,7	13,6	12,5	13,0	13,7	13,7
Total sick of psychological and behavioural diseases registered at medical institutions											
due to alcohol addiction (alcoholism and alcohol psychoses)											
thsd.	760,4	736,2	687,7	659,0	656,0	650,2	643,2	636,6	633,5	618,8	607,5
per 100 thsd. population	1471	1441	1402	1389	1393	1391	1384	1378	1378	1352	1332
narcotics and other psychoactive materials, excluding alcohol (drug and toxin addiction)											
thsd.	22,5	46,5	76,0	88,3	88,4	87,9	86,6	85,1	83,1	81,8	80,6
per 100 thsd. population	44	91	155	186	188	188	186	184	181	179	177

At the end of 2010, 222,5 thsd. persons were registered as those addicted to alcohol, narcotics or other psychoactive materials, including 117,2 thsd. newly registered.

21.17. Incidence of venereal disease

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total newly registered											
Syphilis											
thsd.	3,1	61,0	45,2	26,2	23,1	19,8	16,1	13,9	11,6	9,2	7,5
per 100 thsd. population	6,0	119,0	91,9	54,9	48,9	42,2	34,5	30,0	25,1	20,1	16,3
Gonorrhoea											
thsd.	37,8	45,9	26,1	20,5	19,4	18,2	15,4	13,8	12,5	11,0	10,1
per 100 thsd. population	73,2	89,4	52,9	42,9	41,0	38,7	33,1	29,9	27,2	24,0	22,2
Total sick of syphilis registered at medical institutions, end of year											
thsd.	15,8	114,9	168,1	121,2	108,7	96,2	86,4	78,2	70,7	61,9	54,9
per 100 thsd. population	30,5	225,0	342,8	255,5	230,9	205,7	185,9	169,3	153,8	135,2	120,5

21.18. Abortions

	1990	1995	2000	2003	2004	2005	2006[1]	2007	2008	2009	2010
Total abortions[2], thsd.	1019	740	434	316	289	264	230	225	217	195	177
per 1000 women aged 15–49	82,6	58,2	34,1	25,3	23,2	21,3	18,7	18,5	18,1	16,4	15,1
per 100 deliveries (including still-born)	155	150	113	77	68	62	51	48	43	38	36

[1] Based on data from the Ministry of Health Care of Ukraine
[2] Includes mini abortions conducted by applying vacuum aspiration during the first weeks of pregnancy

21.19. Industrial injuries

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Thsd.											
Total injured with one or more days of disability and fatal accidents	139,6	80,5	34,3	25,7	23,3	21,2	19,7	18,8	16,5	12,8	12,2[1]
including fatal accidents	2,6	2,1	1,2	1,1	1,1	1,0	1,0	1,1	0,9	0,6	0,6
Total person-days of disability	3182	2122	…	860	839	769	746	706	653	505	492
Per 1000 employees											
Total injured with one or more days of disability and fatal accidents	6,2	4,5	2,6	2,1	1,9	1,8	1,7	1,6	1,4	1,2	1,2
including fatal accidents	0,117	0,116	0,095	0,094	0,089	0,084	0,083	0,093	0,080	0,055	0,056
Total person-days of disability	140,7	118,2	…	71,9	70,2	65,7	63,6	61,6	56,7	46,8	47,4
Per 1 injured											
Total person-days of disability	22,8	26,4	…	33,5	36,1	36,3	37,8	37,6	39,6	39,6	40,2

[1] Therefore, 0,5 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 2010, traumas unrelated to production caused injuries of 2,2 thsd. persons, of which death of 0,8 thsd. persons; loss of 37 thsd. person-days of work, 16,5 person-days per injured person.

21.20. Industrial injuries, by region

	Thsd.						Per 1000 employees					
	1990	1995	2000	2005	2009	2010	1990	1995	2000	2005	2009	2010
Ukraine	**139,6**	**80,5**	**34,3**	**21,2**	**12,8**	**12,2**	**6,2**	**4,5**	**2,6**	**1,8**	**1,2**	**1,2**
Autonomous Republic of Crimea	3,0	1,0	0,5	0,4	0,3	0,3	2,9	1,4	1,1	1,0	0,7	0,6
oblasts												
Vinnytsya	3,5	1,6	0,5	0,5	0,3	0,3	4,2	2,3	1,0	1,2	0,9	0,8
Volyn	2,0	1,2	0,6	0,5	0,3	0,2	4,4	3,4	2,1	2,1	1,4	1,2
Dnipropetrovsk	8,3	5,9	2,5	1,9	1,0	1,0	5,0	3,9	2,3	1,7	1,0	1,0
Donetsk	40,1	31,5	12,9	6,4	4,5	4,4	17,3	16,7	9,3	5,0	3,9	3,9
Zhytomyr	2,7	1,4	0,4	0,4	0,2	0,2	4,1	2,6	0,9	1,3	0,8	0,9
Zakarpattya	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	0,8	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	0,4
Kyiv	4,0	1,5	0,4	0,4	0,2	0,2	5,3	2,7	1,0	1,1	0,6	0,7
Kirovohrad	3,2	1,4	0,6	0,4	0,2	0,2	5,8	3,1	1,9	1,5	1,0	0,9
Luhansk	20,7	12,7	6,3	3,0	1,8	1,7	16,1	12,6	9,1	4,8	3,2	3,4
Lviv	2,7	1,6	1,8	0,8	0,4	0,4	2,2	1,6	2,5	1,3	0,7	0,8
Mykolayiv	2,7	1,4	0,5	0,3	0,1	0,1	4,4	2,7	1,4	1,1	0,6	0,6
Odesa	5,0	1,5	0,5	0,5	0,3	0,2	4,4	1,8	1,0	0,8	0,5	0,4
Poltava	4,0	1,9	0,7	0,5	0,3	0,3	4,9	3,0	1,4	1,2	0,7	0,8
Rivne	2,3	1,0	0,2	0,2	0,2	0,1	4,7	2,3	0,8	0,9	0,7	0,7
Sumy	4,3	2,0	0,7	0,6	0,3	0,2	6,5	3,7	1,8	2,0	1,2	1,0
Ternopil	1,8	0,7	0,2	0,2	0,1	0,1	3,6	1,8	0,6	0,7	0,5	0,4
Kharkiv	7,1	2,5	0,9	0,8	0,4	0,4	5,3	2,3	1,1	1,1	0,6	0,7
Kherson	3,0	1,3	0,4	0,3	0,1	0,1	5,3	3,0	1,5	1,2	0,7	0,7
Khmelnytskiy	2,4	1,2	0,5	0,3	0,2	0,2	3,4	2,1	1,2	1,0	0,9	0,7
Cherkasy	2,2	1,0	0,4	0,3	0,2	0,2	3,2	1,7	0,9	0,9	0,6	0,7
Chernivtsi	0,9	0,3	0,1	0,1	0,1	0,1	2,4	1,0	0,4	0,6	0,5	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	0,5
Sevastopol	…	0,2	0,1	0,1	0,1	0,1	…	1,5	1,3	1,8	0,7	0,8

21.21. Industrial deaths, by region

	Persons						Per 1000 employees					
	1990	1995	2000	2005	2009	2010	1990	1995	2000	2005	2009	2010
Ukraine	**2640**	**2083**	**1239**	**989**	**595**	**580**	**0,117**	**0,116**	**0,095**	**0,084**	**0,055**	**0,056**
Autonomous Republic of Crimea	104	57	44	30	21	22	0,102	0,084	0,089	0,068	0,049	0,054
oblasts												
Vinnytsya	133	85	37	22	10	9	0,159	0,124	0,074	0,059	0,030	0,028
Volyn	45	41	22	13	13	12	0,099	0,114	0,083	0,057	0,063	0,061
Dnipropetrovsk	188	169	75	92	44	55	0,112	0,112	0,070	0,085	0,044	0,057
Donetsk	386	356	216	177	135	121	0,166	0,189	0,156	0,137	0,115	0,108
Zhytomyr	67	46	29	21	17	17	0,104	0,087	0,075	0,067	0,062	0,063
Zakarpattya	41	25	13	13	7	11	0,087	0,069	0,051	0,063	0,035	0,056
Zaporizhzhya	101	74	52	49	18	20	0,104	0,091	0,083	0,089	0,036	0,042
Ivano-Frankivsk	50	39	14	14	15	7	0,084	0,093	0,045	0,057	0,063	0,031
Kyiv	89	64	32	41	20	13	0,116	0,111	0,075	0,104	0,056	0,037
Kirovohrad	58	46	31	23	20	7	0,104	0,101	0,102	0,085	0,087	0,032
Luhansk	212	195	202	84	52	64	0,165	0,192	0,290	0,138	0,094	0,124
Lviv	121	69	36	47	15	30	0,100	0,071	0,049	0,084	0,027	0,056
Mykolayiv	67	57	23	19	4	9	0,108	0,112	0,064	0,065	0,015	0,036
Odesa	140	115	64	48	24	18	0,123	0,137	0,118	0,083	0,044	0,033
Poltava	95	77	31	27	14	21	0,117	0,122	0,064	0,061	0,037	0,058
Rivne	58	31	20	12	16	8	0,119	0,073	0,073	0,048	0,073	0,038
Sumy	83	50	37	24	16	12	0,127	0,094	0,094	0,081	0,064	0,050
Ternopil	56	46	21	18	7	11	0,114	0,112	0,073	0,091	0,040	0,064
Kharkiv	139	111	54	48	28	18	0,104	0,103	0,067	0,066	0,043	0,029
Kherson	72	61	34	15	9	9	0,125	0,137	0,115	0,068	0,045	0,050
Khmelnytskiy	84	59	35	28	21	16	0,118	0,105	0,079	0,087	0,084	0,067
Cherkasy	88	54	19	14	12	9	0,130	0,096	0,047	0,047	0,044	0,034
Chernivtsi	37	19	10	4	7	5	0,098	0,066	0,050	0,024	0,046	0,034
Chernihiv	56	52	36	23	4	11	0,093	0,102	0,101	0,081	0,016	0,048
cities												
Kyiv	70	73	46	76	46	40	0,053	0,093	0,069	0,077	0,041	0,038
Sevastopol	…	12	6	7	—	5	…	0,109	0,072	0,097	—	0,078

21.22. Disabled persons, by region

(beginning of 2011)

	Total	Including				Per 1000 population
		1st group	2nd group	3rd group	disabled children	
Ukraine	**2709982**	**310494**	**1078721**	**1155646**	**165121**	**59**
Autonomous Republic of Crimea	124990	14024	60707	44672	5587	64
oblasts						
Vinnytsya	111472	14900	37411	52436	6725	68
Volyn	75152	9422	29743	30725	5262	73
Dnipropetrovsk	166817	17725	58925	78877	11290	50
Donetsk	262617	27554	89430	131916	13717	59
Zhytomyr	94675	14702	38712	35644	5617	74
Zakarpattya	65354	6188	24442	29164	5560	53
Zaporizhzhya	95016	10682	37015	41248	6071	53
Ivano-Frankivsk	90415	8800	35155	39906	6554	66
Kyiv	104592	11734	51373	34539	6946	61
Kirovohrad	54926	5373	21123	24766	3664	55
Luhansk	115851	12697	46714	49296	7144	51
Lviv	176719	17614	56643	92107	10355	70
Mykolayiv	63646	6757	22292	30052	4545	54
Odesa	143429	17455	72711	46043	7220	60
Poltava	84358	9928	34433	35053	4944	57
Rivne	68422	6557	23464	32034	6367	59
Sumy	60177	8158	23455	25054	3510	52
Ternopil	59177	7305	21108	26192	4572	55
Kharkiv	147428	13521	65890	59211	8806	54
Kherson	50921	5781	17695	24106	3339	47
Khmelnytskiy	110695	13745	41036	50329	5585	84
Cherkasy	89270	11466	33947	39368	4489	70
Chernivtsi	47275	4749	18256	20395	3875	52
Chernihiv	80728	13809	31861	31256	3802	74
cities						
Kyiv	147391	17805	75939	45133	8514	53
Sevastopol	18469	2043	9241	6124	1061	49

21.23. Persons declared disabled for the first time in 2010, 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	**173,5**	**139,5**	**100**	**100**	**46**	**53**
due to the following diseases						
infectious and parasitic diseases	9,7	9,5	5,6	6,8	3	4
neoplasm	33,5	24,6	19,3	17,6	9	9
endocrine system, nutrition and metabolic disorders	7,5	5,8	4,3	4,2	2	2
blood and hemogenic organs and selected disorders involving the immunity	0,4	0,4	0,2	0,3	0	0
psychological and behavioural disorders	10,1	9,8	5,8	7,0	3	4
nervous system	9,2	8,4	5,3	6,0	2	3
eyes and eye adventive organ	6,1	4,6	3,5	3,3	2	2
ears and mammillary appendix	1,2	1,1	0,7	0,8	0	0
blood circulation	42,2	27,7	24,3	19,9	11	10
respiratory organs	4,9	4,2	2,8	3,0	1	2
digestion organs	4,6	4,3	2,7	3,1	1	2
urogenital system	2,3	2,0	1,3	1,4	1	1
bony and muscle systems and connective tissue	18,3	15,4	10,6	11,1	5	6
traumas, poisoning and consequences of other external reasons, other reasons	23,5	21,7	13,6	15,5	6	8

[1] Population aged 18 and older
[2] All population of working age

Of total number of the injured, 5,1 thsd. persons were recognised disabled due to a work related injury or an occupational disease, of whom 4,4 thsd. (85,8%) were of working age.

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	2010	1995	2000	2005	2010	1995	2000	2005	2010
Ukraine	**261,2**	**215,2**	**212,2**	**173,5**	**71,4**	**62,6**	**64,9**	**54,0**	**65**	**54**	**56**	**46**
Autonomous Republic of Crimea	14,8	13,1	11,3	7,2	4,2	4,0	4,0	2,3	87	77	70	45
oblasts												
Vinnytsya	8,1	7,6	7,8	7,2	4,0	3,5	3,6	3,4	55	53	58	54
Volyn	6,0	4,7	4,0	3,7	2,5	1,9	1,8	1,6	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	16,7	3,6	2,8	2,7	1,5	78	53	63	45
Zhytomyr	7,6	7,4	6,3	5,2	3,2	3,0	2,5	2,2	65	65	59	51
Zakarpattya	3,5	3,4	5,3	4,3	2,1	2,1	3,7	3,0	37	35	57	45
Zaporizhzhya	11,1	8,1	7,9	7,2	1,9	1,6	1,5	1,4	68	50	52	48
Ivano-Frankivsk	4,7	5,7	5,5	4,5	2,3	2,8	3,1	2,4	43	51	51	42
Kyiv	10,8	7,4	7,1	6,4	4,2	2,8	2,8	2,4	72	50	50	45
Kirovohrad	6,3	4,7	4,6	3,7	2,4	1,7	1,6	1,5	66	51	54	45
Luhansk	11,5	9,8	10,6	8,8	2,3	2,0	2,6	1,4	51	45	53	45
Lviv	15,6	13,1	11,3	10,9	4,2	4,6	4,3	4,5	74	61	56	53
Mykolayiv	5,0	5,3	6,2	5,0	1,4	1,6	2,0	1,6	48	52	63	51
Odesa	12,6	11,8	12,9	9,4	3,7	4,3	4,7	3,7	62	59	67	49
Poltava	8,9	7,7	6,6	5,9	3,5	3,1	2,6	2,4	64	57	52	47
Rivne	6,3	5,5	5,0	4,3	3,3	2,7	2,5	2,2	71	61	57	49
Sumy	7,8	5,6	3,9	3,8	2,6	1,6	1,1	1,0	70	52	39	39
Ternopil	4,0	3,5	4,9	4,0	2,0	1,7	2,8	2,2	44	38	56	46
Kharkiv	14,5	12,0	9,9	8,8	2,9	2,2	1,7	1,5	58	49	42	38
Kherson	6,0	4,6	5,0	3,7	1,8	1,5	1,9	1,3	62	48	55	42
Khmelnytskiy	6,3	6,0	5,7	5,5	2,5	2,5	2,4	2,7	53	51	52	51
Cherkasy	7,7	7,0	6,2	5,7	3,0	2,5	2,4	2,1	64	60	57	53
Chernivtsi	3,0	3,3	4,0	3,2	1,5	1,6	2,3	2,0	42	45	57	45
Chernihiv	8,9	6,4	5,7	5,1	3,7	2,4	2,2	1,9	81	61	59	56
cities												
Kyiv	16,1	12,5	12,5	9,6	—	—	—	—	78	58	56	42
Sevastopol	1,7	1,8	2,1	2,0	0,05	0,1	0,1	0,1	53	57	68	62

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

(Ministry of Social Policy of Ukraine system; end of year)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total care homes	274	280	275	314	316	319	320	321	322	325	323
in which beds, thsd.	61,9	58,1	53,0	55,8	56,5	57,1	57,9	58,1	58,8	58,6	58,4
for aged and disabled adults	50,6	47,9	43,8	46,8	47,6	48,3	49,1	49,5	50,5	50,4	50,3
for disabled children	11,3	10,2	9,2	9,0	8,9	8,8	8,8	8,6	8,3	8,2	8,1

In 2010, 736 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 1512,1 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	2010	1990	1995	2000	2005	2010
Ukraine	**274**	**280**	**275**	**319**	**323**	**61883**	**58068**	**52997**	**57124**	**58349**
Autonomous Republic of Crimea	6	7	10	10	11	1490	1704	1802	1932	1985
oblasts										
Vinnytsya	10	10	10	10	10	2124	2041	2041	2041	2041
Volyn	6	7	6	6	6	980	1015	915	915	915
Dnipropetrovsk	18	19	18	18	18	4740	4460	3720	3716	3925
Donetsk	19	18	17	19	21	6265	5707	5185	5914	6194
Zhytomyr	13	12	12	15	15	2680	2425	2249	2644	2630
Zakarpattya	9	9	7	7	7	1721	1721	1396	1422	1310
Zaporizhzhya	12	12	11	11	11	2725	2570	2240	2390	2590
Ivano-Frankivsk	8	8	8	8	9	1610	1360	1325	1325	1440
Kyiv	7	9	9	12	10	1445	1592	1699	1982	1874
Kirovohrad	12	12	12	12	12	2341	2065	1590	1885	1890
Luhansk	14	14	14	19	20	3475	3138	2616	3268	3540
Lviv	15	13	13	13	13	2985	1966	1650	1748	1808
Mykolayiv	10	10	10	10	10	1805	1481	1417	1542	1553
Odesa	10	10	10	10	10	2301	2277	2149	2140	2180
Poltava	13	14	14	14	14	2865	2965	2600	2675	2555
Rivne	6	6	7	7	7	1370	1275	1165	1151	1214
Sumy	14	13	13	13	13	2604	2087	1957	2011	2001
Ternopil	7	7	7	7	7	1376	1276	1276	1276	1276
Kharkiv	16	16	16	18	18	3675	3675	3675	3660	3315
Kherson	6	6	6	11	11	1755	1651	1443	1650	1688
Khmelnytskiy	8	9	7	31	31	1390	1210	1095	2027	2025
Cherkasy	13	15	14	14	14	2245	2370	2205	2225	2317
Chernivtsi	5	7	7	7	7	1175	1275	935	871	1140
Chernihiv	10	9	9	9	9	2316	2085	1975	2028	2117
cities										
Kyiv	6	7	7	7	8	2255	2507	2507	2507	2647
Sevastopol	1	1	1	1	1	170	170	170	179	179

21.27. Cash benefits to low-income persons incapable of working in 2010

(end of year; by Pension Fund)

	Number of beneficiaries, thsd.		Average benefit per person, UAH
	total	including in rural areas	
Total	**526,2**	**227,1**	**43,86**
of which pensioners			
retired due to disability	45,2	22,8	55,42
survivors who lost their benefactor	0,7	0,3	38,62
entitled to social benefits	76,1	36,6	37,47
Of the total, single pensioners	28,3	11,1	57,70

21.28. Cash and in-kind assistance to low-income persons incapable of working in 2010

(provided by social protection agencies, charity organisations and other establishments)

	Persons in need for assistance, thsd.		Of which		Average benefit per person, UAH
	total	of which in rural areas	single, incapable of working and disabled persons	of which in rural areas	
Total	**1174,5**	**563,8**	**709,4**	**328,2**	×
Received assistance					
cash	241,1	101,0	126,3	58,7	354,6
in-kind	756,0	346,6	528,6	239,0	137,3

Individuals with low income received food products, hot meals, goods and household appliances. In addition, their expenditures to pay for places in sanatoria, spas, communal utilities, fuel and other services and goods were partially reimbursed, and they also received other kinds of assistance.

21.29. Selected boarding schools and institutions for social protection of children

(end of year)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Boarding schools for orphans and children deprived of parents' guardianship[1]									
institutions	44	53	54	54	55	53	51	78	77
enrollement[2]	12254	13110	12593	11954	10553	9145	7926	10697	10135
Children's homes									
institutions	83	101	106	109	114	115	115	114	113
of which by system the Ministry of Education and Science, Youth and Sport of Ukraine	82	97	102	105	110	111	110	111	110
enrollment[2]	5552	6417	6690	6434	6119	5918	5486	5154	4771
of which by system the Ministry of Education and Science, Youth and Sport of Ukraine	5535	6330	6581	6341	6025	5818	5378	5070	4686
Homes of the child under the Ministry of Health Care of Ukraine									
institutions	46	48	50	48	48	48	49	48	48
enrollment[2]	4969	5205	5387	5200	4946	4398	3951	3704	3666
Children care homes under the Ministry of Social Policy of Ukraine									
institutions	58	56	56	56	56	56	55	55	55
enrollment[2]	7977	7856	7716	7475	7304	7158	7125	6937	6879
Shelters for minors									
institutions	86	94	93	96	95	95	94	90	88
children[2, 3]	27773	28432	26194	23674	21221	20593	17780	14242	11978

[1] From 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 2010, 3573 children resided at 535 family type children's homes, 5451 in 3195 foster homes and 3426 in 32 centres of social and psychological rehabilitation.

21.30. Adopted orphans and children deprived of parents' guardianship

(persons)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Quantity of adopted children during the year	7692	6345	5596	5241	4318	5229	5261	5274	4865
Ukrainian citizens, total	5492	4103	3515	3085	3184	3528	3644	3823	3616
from orphans and children deprived of parental guardianship	2043	1635	1492	1419	1477	1784	2066	2374	2247
from children living with one of the parents and adopted either by step-father or step-mother	3449	2468	2023	1666	1707	1744	1578	1449	1369
Adopted by foreigners, total	2200	2242	2081	2156	1134	1701	1617	1451	1249
from orphans and children deprived of parental guardianship	2200	2187	2058	2110	1092	1670	1587	1428	1202
from children living with one of the parents and adopted either by step-father or step-mother	…	55	23	46	42	31	30	23	47
Orphans and children deprived of parental guardianship by the end of year, total	…	96112	97590	97829	102912	102924	103542	100787	98119

21.31. Children who were in centres of social and psychological rehabilitation and shelter-care facilities for children[1]

	Children who were in centres of social and psychological rehabilitation			Children who were in shelter-care facilities		
	2006	2009	2010	2006	2009	2010
Total	**15109**	**3585**	**3426**	**21221**	**14242**	**11978**
town-dwellers	12534	2304	1902	12588	7964	6591
rural dwellers	2575	1281	1524	8633	6278	5387
boys	10217	1996	1943	13429	8333	6939
girls	4892	1589	1483	7792	5909	5039
Have complete family	8682	851	993	5083	3555	2995
Have incomplete family	5689	1743	1629	11142	8942	7598
Children from families where parents evade their responsibilities	438	508	528	×	×	×
Orphans and children deprived of parents guardianship						
those at boarding schools, children's houses, professional training institutions	116	527	343	4200	1155	758
those sent to centres to settle their affairs	134	368	390	×	×	×
those who live in family-type children's homes	×	×	×	36	46	59
those who live in tutors' family or with curators	460	96	71	760	544	568
Those in centres or shelter-care facilities due to[2]						
difficult life circumstances	14465	2835	2683	×	×	×
absence of family environment	331	337	308	×	×	×
transition from shelter-care facilities for children	257	395	428	×	×	×
cruel behaviour	56	18	7	×	×	×
vagrancy, without care, mendicancy	×	×	×	11735	×	×
conflicts with counterparts, adults at educational institutions	×	×	×	1768	×	×
physical abuse	×	×	×	195	108	75
mental violence	×	×	×	44	28	9
sexual violence	×	×	×	24	×	×
child's individual application	13388	2215	2031	1809	1412	905
withdrawal from family	×	×	×	5018	6475	5715
find on to street	×	×	×	510	318	435
violation of the rights to housing and property	×	×	×	104	×	×
involvement into the worst labour (porno-sex business, exploitation, etc.)	×	×	×	14	7	10
leaving family without permission	×	×	×	×	4471	3762
leaving boarding school without permission	×	×	×	×	878	661
transferring from other shelters	×	×	×	×	339	225
delivering from accepting and distribution center	×	×	×	×	96	65
delivering from health care institution	×	×	×	×	220	190
returning from prison	×	×	×	×	33	20
economic violence	×	×	×	×	148	31
Got into shelter-care facilities several times	×	×	×	2118	901	701

[1] Data from the Ministry of Social Policy of Ukraine
[2] A child who had several reasons to be placed to centre or shelter-care facility has been recorded the relevant number of times

21.32. Subsidies to the population in 2010, 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	**1766,8**	**237442,1**	**327,8**	**137401,3**
Autonomous Republic of Crimea	39,4	2448,0	12,4	4033,1
oblasts				
Vinnytsya	70,0	8747,3	45,3	20835,4
Volyn	32,6	4493,6	7,7	2591,1
Dnipropetrovsk	121,9	18069,8	5,5	2827,2
Donetsk	246,9	40048,3	12,3	4233,8
Zhytomyr	51,5	4927,4	22,5	8309,5
Zakarpattya	28,9	5618,8	7,7	2965,1
Zaporizhzhya	70,9	7554,3	9,9	3596,4
Ivano-Frankivsk	38,1	8695,2	6,7	3175,2
Kyiv	63,4	9836,1	8,0	3779,1
Kirovohrad	54,0	4958,9	22,2	9540,5
Luhansk	97,5	14130,5	5,4	2055,2
Lviv	71,9	11980,1	4,6	2041,6
Mykolayiv	26,8	1874,2	10,2	3889,1
Odesa	47,6	3440,3	17,5	6893,4
Poltava	75,8	10831,4	7,2	3277,7
Rivne	32,9	6355,3	8,3	3509,2
Sumy	96,1	11050,2	19,2	10810,7
Ternopil	35,7	5503,4	5,7	2347,1
Kharkiv	156,5	23579,3	11,9	5704,1
Kherson	35,4	3558,7	13,5	5330,7
Khmelnytskiy	53,4	7262,9	15,7	6253,5
Cherkasy	71,9	8763,8	22,8	10753,9
Chernivtsi	17,2	1512,5	9,3	3118,0
Chernihiv	69,4	6831,6	16,0	5426,8
cities				
Kyiv	54,2	4906,1	0,0	10,1
Sevastopol	6,9	464,1	0,3	93,8

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, extracurricular institutions of aesthetic education for children and youths.

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

Exhibition centers 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.

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

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

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

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

Tourists are persons who visit places located at a distance from their usual places of residence during a period that does not exceed one year. The trips that tourists take are for

pleasure and vacation, treatment, sports and health improvement, visiting friends and relatives, settling business matters, etc.

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 1913–2010

	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

[1] At the end of 1914

22.2. Theatres, concert organisations and museums

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total professional theatres	125	136	131	135	133	135	137	138	138	136	140
opera and ballet	7	7	6	7	7	7	7	7	7	7	7
drama and musical comedy, miniatures	82	89	87	89	85	88	89	90	90	89	92
children's and puppet	36	40	38	39	41	40	41	41	41	40	41
Attendance of theatres per year, mln.	17,6	8,3	5,7	6,1	6,0	6,2	6,3	6,6	7,0	6,2	6,6
Total concert organisations	44	53	61	71	77	78	81	79	77	77	83
Attendance of concert organisations per year, mln.	15,0	7,3	3,8	4,0	4,9	4,4	4,1	4,2	4,0	3,8	4,2
Total museums	214	314	378	394	422	437	445	458	478	499	546[1]
Attendance of museums per year, mln.	31,8	17,4	16,0	17,6	18,5	18,9	20,2	21,1	21,9	20,8	21,7

[1] In 2010, of the total number of museums 184 were complex museums, 189 history, 76 art criticism and art museums, 52 of literary museums

At the end of 2010, according to the state register there were 145 thsd. immovable historical and cultural monuments, of which 72 thsd. monuments of archeology, 53 thsd. monuments of history, 3 thsd. monuments of monumental art, 17 thsd. monuments of urban construction and architecture, 308 of garden art, 5 of landscape and 11 of science and technics.

22.3. Libraries, cinemas and cultural institutions

	Total						Including in rural areas					
	1990	1995	2000	2005	2009	2010	1990	1995	2000	2005	2009	2010
Total general and universal libraries, thsd.	25,6	23,8	20,7	19,8	20,1	19,5	18,7	18,0	15,7	15,1	15,2	14,9
Library stocks, mln. copies	419	370	343	330	338	326	188	168	151	146	144	138
Cinemas, thsd.	27,2	16,1	6,9	3,3	2,2	3,2	22,2	13,6	5,9	2,5	1,6	1,6
Cinema attendance per year, mln.	552	36	6	10	11	9	200	15	2	1	0,5	0,4
Club-houses, thsd.	25,1	23,0	20,4	19,1	18,7	18,6	21,0	19,8	17,7	16,8	16,5	16,5
total seats, mln.	6,5	5,9	5,4	5,0	4,8	4,7	4,8	4,6	4,3	4,0	3,9	3,9

22.4. Cultural and arts institutions in 2010, 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	**140**	**546**	**19487**	**14870**	**2196**	**1615**	**18593**	**16471**
Autonomous Republic of Crimea	8	31	796	523	78	25	638	515
oblasts								
Vinnytsya	2	13	1010	850	299	263	1151	1041
Volyn	2	15	611	490	14	3	673	625
Dnipropetrovsk	13	19	828	469	18	2	615	514
Donetsk	5	22	1013	371	31	—	663	407
Zhytomyr	2	17	935	800	7	—	1084	1006
Zakarpattya	4	14	505	429	35	23	474	438
Zaporizhzhya	5	21	600	387	59	36	469	394
Ivano-Frankivsk	4	21	771	645	273	245	723	660
Kyiv	1	22	905	772	42	18	841	774
Kirovohrad	2	29	599	471	30	13	594	525
Luhansk	5	19	755	371	15	1	562	381
Lviv	11	25	1363	1147	91	65	1407	1274
Mykolayiv	3	9	516	399	26	7	540	487
Odesa	7	11	912	808	24	11	736	681
Poltava	2	32	816	695	27	13	855	789
Rivne	2	12	607	500	34	20	678	634
Sumy	2	15	595	473	13	3	634	562
Ternopil	2	25	915	808	124	113	924	870
Kharkiv	7	33	858	626	122	101	710	622
Kherson	2	6	531	367	88	29	455	401
Khmelnytskiy	3	25	945	820	293	270	1183	1096
Cherkasy	2	27	745	659	136	105	746	689
Chernivtsi	3	5	407	348	143	121	393	355
Chernihiv	4	32	745	628	143	121	780	714
cities								
Kyiv	33	42	142	—	16	—	32	—
Sevastopol	4	4	62	14	15	7	33	17

[1] In 2010, based on data from the Ministry of Culture of Ukraine, of the total number of cinemas actually were functional: 423 in urban areas and 490 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	2010	1990	1995	2000	2010	1990	1995	2000	2010
Ukraine	**806**	**715**	**693**	**711**	**11**	**7**	**4**	**1**	**13**	**12**	**11**	**10**
Autonomous Republic of Crimea	725	654	658	636	14	5	1	1	13	9	10	10
oblasts												
Vinnytsya	1107	1082	1057	1029	16	10	11	7	22	21	21	21
Volyn	897	795	718	670	14	10	2	1	19	16	14	14
Dnipropetrovsk	657	582	557	661	7	2	1	0,2	8	7	6	5
Donetsk	587	543	533	612	7	3	1	0,2	6	6	5	5
Zhytomyr	945	864	841	811	14	11	4	0,2	21	20	19	19
Zakarpattya	781	678	591	512	9	6	5	1	13	11	10	8
Zaporizhzhya	666	583	551	556	12	7	2	0,4	11	9	9	8
Ivano-Frankivsk	830	687	667	655	10	7	7	4	13	12	12	12
Kyiv	760	690	654	604	11	7	4	1	13	13	12	12
Kirovohrad	987	890	860	841	16	12	2	1	19	18	18	17
Luhansk	580	521	481	598	8	4	0,4	0,2	7	7	6	6
Lviv	789	598	548	743	9	6	2	0,4	11	10	10	10
Mykolayiv	882	836	801	744	13	3	2	1	15	13	13	13
Odesa	975	838	842	886	9	7	6	0,3	10	11	10	8
Poltava	922	840	821	799	16	13	8	0,4	17	17	17	15
Rivne	956	806	769	1156	12	7	4	0,5	15	14	13	12
Sumy	931	829	785	727	14	7	3	0,3	17	16	16	14
Ternopil	1030	778	744	755	14	13	4	1	20	19	18	18
Kharkiv	903	757	822	756	7	5	1	2	9	8	7	7
Kherson	728	652	644	756	15	10	8	2	15	14	12	11
Khmelnytskiy	1073	1047	1024	854	16	13	6	6	24	23	23	23
Cherkasy	1012	903	952	856	17	13	11	3	19	18	18	18
Chernivtsi	912	786	734	669	11	9	8	4	14	12	12	11
Chernihiv	935	914	922	945	15	13	9	4	18	18	17	18
cities												
Kyiv	566	497	418	387	2	1	1	0,2	2	1	0,4	1
Sevastopol	…	…	609	605	…	…	2	1	…	…	3	3

22.6. Attendance at cultural and arts institutions, by region

(per 100 population)

	Museums				Theatres				Concert organisations				Cinema performances			
	1990	1995	2000	2010	1990	1995	2000	2010	1990	1995	2000	2010	1990	1995	2000	2010
Ukraine	**61**	**34**	**32**	**47**	**34**	**16**	**11**	**14**	**29**	**14**	**8**	**9**	**1064**	**69**	**12**	**20**
Autonomous Republic of Crimea	308	89	90	138	33	21	14	24	69	22	16	19	1537	40	13	33
oblasts																
Vinnytsya	31	19	31	35	20	9	8	8	21	8	7	6	1083	83	15	20
Volyn	21	15	8	17	28	19	13	13	33	17	9	9	1088	65	4	13
Dnipropetrovsk	29	22	21	23	34	16	9	16	16	6	1	2	989	26	2	26
Donetsk	16	15	15	18	17	10	9	12	16	28	18	18	835	157	6	12
Zhytomyr	15	9	7	17	25	19	8	8	19	11	3	7	1148	128	14	14
Zakarpattya	28	14	13	28	37	24	16	11	12	10	7	12	1054	38	5	6
Zaporizhzhya	25	28	23	36	25	11	5	8	33	19	10	2	1155	33	9	9
Ivano-Frankivsk	44	14	22	33	17	7	9	8	22	6	1	4	1023	46	4	9
Kyiv	28	20	14	24	7	2	0,3	4	59	3	5	1	842	54	11	31
Kirovohrad	9	9	9	24	28	18	10	10	22	14	11	13	1263	75	11	7
Luhansk	33	25	19	24	20	7	7	10	31	10	3	4	850	35	3	19
Lviv	81	41	39	62	72	22	13	16	16	6	5	12	1011	48	6	3
Mykolayiv	26	24	24	29	39	30	20	19	22	9	4	4	1060	29	9	37
Odesa	78	44	31	30	52	29	18	22	26	6	6	6	1054	70	25	3
Poltava	61	47	43	46	21	8	5	6	23	2	7	4	1235	118	15	17
Rivne	33	21	11	21	34	11	8	10	31	6	4	4	1259	65	7	6
Sumy	16	9	7	19	26	8	14	9	18	7	1	4	1174	65	12	14
Ternopil	47	36	36	40	21	11	7	8	26	5	1	7	1168	90	16	3
Kharkiv	21	11	17	40	27	13	11	14	21	12	3	3	776	55	18	42
Kherson	21	22	24	11	25	20	14	16	37	97	4	3	1452	50	20	11
Khmelnytskiy	27	10	14	81	21	15	7	11	11	13	2	10	1124	70	20	27
Cherkasy	46	50	47	66	23	14	8	7	19	7	5	18	1352	56	15	29
Chernivtsi	18	28	29	29	31	16	5	9	48	16	11	11	1097	133	34	34
Chernihiv	46	64	39	85	30	16	11	15	23	11	2	17	1072	112	12	8
cities																
Kyiv	308	139	132	152	126	40	36	41	80	18	29	19	1082	29	21	47
Sevastopol	…	…	163	275	…	…	29	29	…	…	4	23	…	97	67	44

22.7. Schools of music, dance and fine arts

(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	2009/ 10	2010/ 11	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2009/ 10	2010/ 11
Children's music schools	1204	1201	1036	966	905	892	295,2	285,9	194,1	185,4	185,5	184,5
Special secondary music schools	4	5	4	4	6	6	1,8	2,0	1,7	1,7	2,2	2,2
Children's arts schools	110	244	307	370	422	432	32,2	74,8	77,6	101,7	122,2	124,2
Children's painting schools	126	138	130	124	124	125	20,0	22,4	18,5	20,1	23,5	23,9
Secondary painting schools	2	1	1	2	2	1	0,7	0,6	0,5	0,6	0,4	0,1
Children's choreographic schools	5	10	9	12	10	10	1,6	2,0	1,9	2,3	2,2	2,2
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	0,6	0,7

22.8. Publication of books, magazines and newspapers

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Books and brochures											
Total publication, published items	7046	6109	7749	13805	14790	15720	15867	17987	24040	22491	22557
Number of publication, mln. copies	170	68	44	39	53	54	54	56	58	49	45
of which											
in Ukrainian	95	32	29	24	36	33	30	29	33	28	25
Magazines and other periodic publication											
Total publication, published items	185	604	1245	2246	2385	2182	2301	2420	2422	2515	2822
Annual circulation, mln. copies	166	24	52	130	124	132	138	237	270	256	338
of which											
in Ukrainian	150	17	12	24	35	25	24	29	37	30	66
Newspapers											
Total publication, published items	1787	1877	2667	2891	3014	2974	2918	2885	2647	2499	2347
Average one-off circulation, mln. copies	25	21	48	75	88	80	90	61	59	55	55
of which											
in Ukrainian	17	10	13	23	29	25	31	22	19	19	18
Annual circulation, mln. copies	4652	1630	3459	4347	4508	4960	4235	3665	3966	3445	3169

22.9. Exhibition activity

	2005	2006	2007	2008	2009	2010
Activities carried out	1094	1107	1088	1174	1076	1127
exhibitions	572	566	593	653	512	510
fairs	522	541	495	521	564	617
Total built-up area of fairs, thsd.sq.m	1231	1540	1476	1836	1267	1268
Total display area of exhibition centres, thsd.sq.m	203	210	169	192	196	206
Participants in exhibition actions	66376	74082	74937	82453	68745	73367
of which foreigners	3571	3862	4684	4940	3168	3164
Visitors of exhibition actions, thsd.	9834	11891	11006	13309	10629	11161

22.10. Local television and radio programmes of state broadcasting companies in 2010, by region

	Television			Radio[1]		
	average daily telecasting, hours	of which, percent		average daily broadcasting, hours	of which, percent	
		in Ukrainian	in Russian		in Ukrainian	in Russian
Ukraine	**443,84**	**95,2**	**3,1**	**361,77**	**96,1**	**0,4**
Autonomous Republic of Crimea	15,20	47,4	34,8	4,41	68,0	11,5
oblasts						
Vinnytsya	15,01	100,0	—	12,15	100,0	—
Volyn	13,20	100,0	—	14,84	100,0	—
Dnipropetrovsk	15,10	100,0	—	14,53	100,0	—
Donetsk	7,70	100,0	—	16,41	100,0	—
Zhytomyr	14,43	100,0	—	14,84	99,6	—
Zakarpattya	15,70	93,6	—	15,17	93,5	0,2
Zaporizhzhya	13,20	100,0	—	14,86	100,0	—
Ivano-Frankivsk	—	—	—	1,60	100,0	—
Kyiv	17,00	100,0	—	15,52	100,0	—
Kirovohrad	16,51	100,0	—	1,85	100,0	—
Luhansk	13,48	100,0	—	15,33	100,0	—
Lviv	8,80	100,0	—	2,07	100,0	—
Mykolayiv	13,20	100,0	—	14,08	100,0	—
Odesa	13,20	75,8	7,5	8,15	100,0	—
Poltava	13,20	94,7	5,3	15,99	100,0	—
Rivne	13,20	100,0	—	11,47	100,0	—
Sumy	13,20	100,0	—	14,87	100,0	—
Ternopil	13,00	100,0	—	5,65	100,0	—
Kharkiv	12,30	91,9	8,1	9,44	100,0	—
Kherson	13,20	99,2	0,8	14,80	100,0	—
Khmelnytskiy	13,20	93,9	6,1	14,78	100,0	—
Cherkasy	13,20	100,0	—	8,68	100,0	—
Chernivtsi	15,70	94,9	—	13,13	93,1	—
Chernihiv	23,67	100,0	—	1,89	100,0	—
cities						
Kyiv (National TV and Radio Company)[2]	96,24	97,0	2,5	83,30	88,3	—
Sevastopol	12,00	75,0	21,9	1,96	46,0	52,6

[1] Excluding city (rayon) broadcasting
[2] Including broadcasting for other regions

In addiction to 59,9 hours of intrastate broadcasting the National TV and Radio Company during 23,4 hours a day produced programmes for foreign countries mainly in Ukrainian (59%). Ukrainian TV and radio broadcasting companies also prepare programmes in Polish, Hungarian, Romanian, Bulgarian, Tatar, German, English, and other languages.

22.11. Sanatorium-and-spa institutions, recreational facilities[1]

	1990	1995	2000[2]	2003/04[2]	2004/05[2]	2005/06[2]	2006/07[2]	2007/08[2]	2008/09[2]	2009/10[2]
Total	**3841**	**3417**	**3327**	**3268**	**3245**	**3164**	**3110**	**3073**	**3041**	**3011**
Sanatoria	473	489	480	472	465	468	471	465	460	456
including children's sanatoria	194	199	185	177	173	171	171	171	171	168
Rest homes providing medical treatment	32	62	69	59	59	52	52	53	53	54
Dispensaries	556	517	377	311	291	277	269	262	252	234
Rest homes and guest houses	332	294	266	302	321	301	302	302	296	290
Recreation centres and other rest facilities	2213	1862	2037	2068	2052	2012	1969	1950	1940	1948
Institutions for 1–2 day stay	235	193	98	56	57	54	47	41	40	29
Beds[3], thsd.	**646**	**562**	**502**	**481**	**482**	**482**	**466**	**462**	**453**	**449**
Sanatoria	149	145	136	133	131	136	131	129	127	126
including children's sanatoria	39	37	35	36	34	34	33	32	33	32
Rest homes providing medical treatment	6	14	15	14	14	12	12	13	14	14
Dispensaries	55	43	31	25	23	23	21	21	21	19
Rest homes and guest houses	115	83	63	62	65	63	64	64	62	60
Recreation centres and other rest facilities	302	263	247	242	244	243	234	232	226	228
Institutions for 1–2 day stay	19	14	10	5	5	5	4	3	3	2
Persons who improved their health[4], thsd.	**6394**	**3515**	**2870**	**3176**	**3267**	**3278**	**3486**	**3592**	**3122**	**2987**
Sanatoria	1616	1223	1105	1316	1299	1321	1419	1527	1330	1198
including children's sanatoria	206	236	221	272	274	276	274	284	247	247
Rest homes providing medical treatment	89	102	114	119	129	117	131	144	119	116
Dispensaries	821	511	274	241	244	236	236	232	211	198
Rest homes and guest houses	1324	431	276	380	385	368	410	382	318	338
Recreation centres and other rest facilities	2305	1175	1063	1104	1186	1211	1273	1287	1130	1126
Institutions for 1–2 day stay	239	73	38	16	24	25	17	20	14	11

[1] Since 2002, there was a change in the period for which statistical reporting is presented: 2003/04 is for 12 months (since October 1, 2003 up to September 30, 2004), etc.
[2] The total includes institutions which did not function for various reasons and beds registered there
[3] Maximum use is one month
[4] Persons who improved their health for a long period and during 1–2 days

22.12. Sanatoria and rest institutions with medical care, and leisure facilities, by region[1]

	Sanatoria and rest institutions providing medical treatment						Rest homes and guest houses					
	total (2009/10)	total beds					total (2009/10)	total beds				
		1990	1995	2000	2005/06	2009/10		1990	1995	2000	2005/06	2009/10
Ukraine	**510**	**154484**	**158507**	**150554**	**148229**	**140915**	**290**	**114980**	**83282**	**62923**	**63372**	**59939**
Autonomous Republic of Crimea	144	56330	60220	56981	53844	55980	129	43028	37339	27590	28938	28443
oblasts												
Vinnytsya	21	5391	5993	5246	5171	5081	—	1459	570	—	200	—
Volyn	6	1271	1331	1482	2029	1427	1	39	39	39	44	374
Dnipro-petrovsk	17	3365	2742	2742	2509	2043	4	3285	2000	1140	1150	769
Donetsk	17	6972	6197	4200	4239	3416	50	17226	14824	9475	11535	10238
Zhytomyr	6	1010	1820	2750	1620	1417	—	818	—	—	—	—
Zakarpattya	20	4509	4307	3564	3763	4114	1	424	170	200	—	60
Zaporizhzhya	16	6424	5725	5169	4864	4819	8	2622	2236	1812	1322	918
Ivano-Frankivsk	15	2260	2134	2743	2279	2322	3	517	451	145	220	174
Kyiv	13	3806	3302	3004	2851	2341	2	1464	540	748	188	168
Kirovohrad	3	785	680	630	310	360	—	350	70	450	450	—
Luhansk	12	1552	2157	1207	1613	1028	—	3312	527	60	—	—
Lviv	56	20149	20437	19807	21157	16209	6	307	24	340	392	260
Mykolayiv	12	1190	1930	2374	3958	4815	15	10862	4492	6791	4471	3533
Odesa	35	16230	17233	15053	14545	13231	8	7236	2646	2023	2074	1490
Poltava	13	4670	4941	4462	3920	3696	2	251	177	177	385	350
Rivne	9	655	859	1324	1378	1284	—	—	37	—	—	—
Sumy	3	712	580	535	460	460	—	1059	660	—	—	—
Ternopil	10	1250	1300	1729	1796	1670	—	212	—	—	—	—
Kharkiv	15	4901	4082	3714	3282	3025	2	3360	1253	1705	1406	606
Kherson	12	1381	1197	2119	2763	2780	50	12440	12289	8482	9423	10845
Khmelnytskiy	14	1629	1557	1610	1673	1727	—	265	100	—	—	—
Cherkasy	9	2420	2325	2300	2604	1810	—	537	198	—	—	—
Chernivtsi	7	910	785	897	897	1107	—	260	220	—	—	—
Chernihiv	7	895	1426	1759	1325	1325	1	1022	585	336	100	161
cities												
Kyiv	16	2867	2897	2598	3135	3258	2	1070	910	650	450	450
Sevastopol	2	950	350	555	244	170	6	1555	925	760	624	1100

[1] See the first footnote to Table 22.11

22.13. Child care center for health improvement and recreation, in summer 2010, by region

	Child care center		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	**17342**	**580**	**196,4**	**159,3**	**1718,1**	**381,4**	**39**
Autonomous Republic of Crimea	598	59	34,0	27,1	131,5	74,6	30
oblasts							
Vinnytsya	803	20	5,6	5,5	78,4	11,0	47
Volyn	602	6	3,2	0,7	55,2	2,1	45
Dnipropetrovsk	922	17	7,0	5,2	95,7	10,8	44
Donetsk	983	64	23,2	20,8	106,4	52,5	32
Zhytomyr	526	12	2,9	2,4	34,2	4,1	27
Zakarpattya	557	16	6,1	1,7	77,8	4,2	50
Zaporizhzhya	328	39	15,5	12,7	52,7	32,5	22
Ivano-Frankivsk	768	10	3,9	2,3	83,6	7,7	51
Kyiv	522	15	4,1	3,5	37,9	9,5	26
Kirovohrad	551	7	2,3	1,8	37,9	4,2	40
Luhansk	880	36	10,8	10,7	62,3	19,7	37
Lviv	559	17	3,1	2,7	50,0	7,6	21
Mykolayiv	545	10	5,8	3,3	38,9	3,3	33
Odesa	1073	36	12,8	8,3	132,3	22,0	51
Poltava	1007	30	6,4	6,1	56,3	14,8	43
Rivne	577	6	2,2	1,8	66,6	5,0	46
Sumy	780	24	5,1	5,1	54,5	10,9	53
Ternopil	311	6	2,2	1,0	23,8	2,8	21
Kharkiv	880	37	7,6	7,3	107,0	13,9	54
Kherson	502	46	15,7	15,7	72,2	37,9	38
Khmelnytskiy	871	10	1,8	1,3	84,5	3,3	64
Cherkasy	1004	10	3,4	1,8	60,4	3,6	51
Chernivtsi	402	14	3,6	3,6	52,3	7,7	51
Chernihiv	562	16	3,5	2,5	35,6	4,0	39
cities							
Kyiv	131	6	1,3	1,1	11,0	2,7	17
Sevastopol	98	11	3,3	3,3	19,1	9,0	48

Additionally, in sanatorium-and-spa institutions, particularly in all-year childcare centre in 2010, 664,0 thsd. children improved their health, of which in summer – 437,9 thsd.

22.14. Sports school for children, by region

(end of 2010)

	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	**1502**	**562337**	**185**	**53574**	**35**	**4077**
Autonomous Republic of Crimea	50	18803	8	1424	1	122
oblasts						
Vinnytsya	61	21322	4	880	1	105
Volyn	40	13382	3	644	1	79
Dnipropetrovsk	106	45554	12	4329	1	295
Donetsk	109	46942	18	7970	1	420
Zhytomyr	52	13903	1	325	1	82
Zakarpattya	30	15782	3	914	1	126
Zaporizhzhya	53	17370	14	3869	1	112
Ivano-Frankivsk	47	19300	7	1915	1	57
Kyiv	66	25462	3	346	2	218
Kirovohrad	39	13440	2	748	1	52
Luhansk	62	21617	13	4275	1	160
Lviv	84	27207	14	2643	1	188
Mykolayiv	47	15530	13	2728	2	250
Odesa	65	27746	9	3251	1	101
Poltava	55	15960	2	787	1	92
Rivne	53	19194	1	592	1	115
Sumy	51	15461	3	737	1	76
Ternopil	36	11303	2	325	1	97
Kharkiv	90	49952	7	1310	2	393
Kherson	44	12977	6	1446	1	90
Khmelnytskiy	60	21723	—	—	1	91
Cherkasy	47	12761	1	462	1	88
Chernivtsi	36	14338	1	151	1	88
Chernihiv	50	15144	4	1167	2	241
cities						
Kyiv	57	25259	32	9937	5	292
Sevastopol	12	4905	2	399	1	47

22.15. Activity of physical training and sports institutions[1]

(end of year)

	2000	2003	2004	2005	2006	2008	2009	2010
Persons that go in for sport including	1014911	1196882	1243973	1265956	1300647	1317750	1186727	1218362
sports school for children and the youth, Olympic reserve specialised schools for children and the youth and the highest sport skills schools	633980	699690	729627	723727	726435	727604	629529	619758
disabled	7169	12871	15722	17342	16154	21561	19734	19738
females	247222	312554	345453	322902	345226	308520	285129	290267
Persons that engaged in all types of physical training and health improving activity including	4105054	4643804	4878838	5030943	5080287	5223118	4920428	4918331[2]
secondary educational institutions[3]	1914177	1977234	2034553	2037429	2006644	1719508	1533656	1520243
professional training institutions[3]	129489	158813	164586	167580	164262	141626	133860	134605
institutions of higher education[3]								
1st and 2nd levels of accreditation	156214	173890	196574	210021	207620	215577	204494	208012
3rd and 4th levels of accreditation	174581	233403	266077	299993	313985	426556	407987	399517
enterprises, establishments, organisations at working and free time	1390181	1623251	1695569	1760229	1809439	1620243	1461799	1400258
by place of residence	233551	340967	371610	390547	409007	677682	797450	834899
Of total number of persons engaged in all types of physical training and health improving activities								
females	1250958	1466399	1548029	1598754	1485156	1850078	1759793	1723415
disabled involved in rehabilitation and health improving activity	22069	28361	33765	33464	36677	39586	37972	43267
Physical training and sports clubs for children and teenagers, by place of residence	1251	1497	1544	1585	1652	1109	1028	1036
Persons attending physical and sports clubs for children and teenagers, by place of residence	143306	161605	175315	185971	195407	115076	118646	122335
Pupils and students included into special medical group due to health status	454863	408567	403087	377924	364451	402293	439876	515765[4]
including								
secondary educational institutions	310347	261935	256548	227849	211899	196918	238449	335755
professional training institutions	30810	25620	25186	25884	25061	25581	23866	27996
institutions of higher education								
1st and 2nd levels of accreditation	48615	46127	46299	44430	44168	40058	39705	46168
3rd and 4th levels of accreditation	65091	74885	75054	79761	83323	112689	109734	78010

[1] Here and elsewhere (Tables 22.16, 22.17) based on data from the Ministry of Education and Science, Youth and Sport of Ukraine
[2] Including 420797 children in pre-school educational institutions, excluding physical training and health improving activity within the framework of training
[3] Excluding physical training and health improving activity within the framework of training
[4] Including 27836 children in pre-school educational institutions

22.16. Sports facilities

(end of year)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Stadiums with stands for 1500 seats	1128	1151	1155	1147	1131	1118	1104	1101	1108
Sports grounds	35674	39466	40021	39977	40232	40303	39371	40037	40260
including tennis-courts	845	1137	1180	1205	1227	1245	1271	1319	1344
Football grounds	9910	10722	10996	11248	11331	11433	11805	11797	11730
Ski lodges per 100 pair of skis and more	122	115	111	103	105	99	81	71	72
Shooting range, covered and semi-covered, at least 25 m long	7598	6783	6653	6538	6376	5917	5651	5487	5379
Swimming pools	509	504	506	510	510	512	553	545	593
of which									
50 m long	50	47	46	44	46	…	52	50	52
covered	419	428	430	436	436	…	481	472	503
including 50 m long	26	24	24	24	26	…	29	26	25
Gymnasiums with 162 sq.m space	17032	17067	17136	17189	17240	17215	17210	17216	17176
Track-and-field lanes in covered premises	114	115	126	131	130	…	…	…	…
of which 200 m long, oval track	36	41	43	41	40	…	…	…	…
Track-and-field shots that are not a part of stadiums	183	215	211	231	236	…	247	248	257
Grounds (gymnastics) equipped with simulators	11300	11145	11242	11286	11642	11761	11576	11650	11738
Premises for physical training and health improving sessions	13139	14730	14910	15180	15494	15572	15978	16182	16234
of which equipped with simulators	4315	5173	5349	5494	5657	…	5698	5807	5810
Jump skis	19	21	22	22	20	20	26	25	25
of which for freestyle	3	3	5	5	5	…	6	6	6
Horse riding sports centers	29	32	32	33	37	47	53	55	57
Cycle tracks	4	4	4	4	4	4	4	4	4
Facilities with manufactured ice	10	11	11	13	24	42	51	59	61
of which with field area of 30×61 m	8	8	8	10	14	…	23	28	28

22.17. Physical training and health improving activity

(end of 2010)

	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	**4918331**	**1209486**	**2281674**	**638779**
including				
pre-school educational institutions	420797	71801	17043	899
secondary educational institutions	1520243	531663	1520243	531663
professional training institutions	134605	13266	108293	10886
institutions of higher education	607529	10744	233293	7654
enterprises, establishment, organisations at working and free time	1400258	368002	122195	49554
by place of residence	834899	214010	280607	38123
disabled involved into rehabilitation and health improvement activity	43267	5269	—	—

In 2010, 1036 physical training and sports clubs for children and teenagers operated in the country by place of residence. They were attended by 122,3 thsd. persons including 40 and 3,5 thsd. in rural area accordingly.

22.18. Tourist flows

(thsd.)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine's citizens who traveled abroad[1]	13422	14795	15488	16454	16875	17335	15499	15334	17180
Foreign citizens who visited Ukraine[1]	6431	12514	15629	17631	18936	23122	25449	20798	21203
Tourists attended by Ukraine's tourism entities[2]	2014	2857	1890	1826	2206	2864	3042	2290	2281
foreign tourists	378	591	436	327	299	373	373	282	336
tourists (Ukraine's citizens) who traveled abroad	285	344	442	567	868	336	1282	914	1296
domestic tourists	1351	1922	1012	932	1039	2155	1387	1094	649
The number of sightseers[2]	1644	2691	1502	1705	1769	2393	2406	1909	1953

[1] Including one-day visitors (according to data from Administration of State Frontier Service of Ukraine)
[2] Based on data from the Ministry of Infrastracture of Ukraine

In 2010, the most popular destinations for Ukraine's citizens were Russian Federation, Poland, Moldova, Republic of, Hungary, Belarus, Romania, Turkey, Slovakia, Germany, Egypt, Italy and Czech Republic.

Among foreigners who visited our country are Russian, Moldavian, Belarusian, Polish, Hungarian, Romanian, Slovak, German, American and Uzbek citizens outnumbered those from other countries.

22.19. Hotels and other institutions for short-term stay, by region

(end of year)

	Institutions, total				In which rooms				Total accommodation space, thsd.sq.m			
	2000	2005	2009[1]	2010[1]	2000	2005	2009	2010	2000	2005	2009	2010
Ukraine	**1308**	**1232**	**1684**	**1731**	**51012**	**51686**	**76019**	**79833**	**949,1**	**1072,4**	**1624,6**	**1700,6**
Autonomous Republic of Crimea	89	78	96	104	5570	5982	7384	7523	99,0	115,6	152,9	158,5
oblasts												
Vinnytsya	32	25	22	21	1166	784	755	674	22,3	15,9	15,8	14,1
Volyn	32	26	30	31	1137	996	1139	1258	20,9	18,2	20,2	21,6
Dnipropetrovsk	84	106	103	121	2941	4323	4489	5273	57,9	98,6	101,0	119,0
Donetsk	73	69	79	77	3240	3154	3274	2928	57,0	67,5	75,7	65,4
Zhytomyr	37	31	45	44	1155	950	1546	1569	23,3	22,5	36,7	37,4
Zakarpattya	39	38	69	67	1395	1462	2621	2512	23,4	27,8	63,3	63,6
Zaporizhzhya	59	40	30	30	1823	1520	1611	1472	28,9	24,3	32,0	31,9
Ivano-Frankivsk	34	33	37	38	1188	1142	1560	1587	19,9	20,7	38,7	39,5
Kyiv	46	39	47	56	1369	1331	1743	2135	22,1	21,0	35,1	46,4
Kirovohrad	21	17	16	18	520	578	631	859	10,1	8,2	11,1	11,5
Luhansk	43	56	94	101	1851	1866	2333	2691	30,4	38,1	48,7	57,4
Lviv	55	100	155	159	2526	3927	5116	5359	40,9	77,1	109,4	117,5
Mykolayiv	44	30	121	122	1143	702	6641	7338	20,8	14,8	116,3	129,9
Odesa	96	79	80	81	3674	3262	3817	4146	75,7	75,3	84,6	89,1
Poltava	65	45	46	45	1647	1234	1419	1377	27,4	23,4	25,5	25,4
Rivne	23	22	23	23	1018	1200	1165	1175	15,9	22,4	24,2	23,7
Sumy	46	44	36	36	898	842	1071	1070	18,3	17,9	25,1	25,2
Ternopil	27	29	39	38	1187	1094	1118	1100	27,3	28,0	31,7	29,5
Kharkiv	76	51	51	42	2328	1905	1790	1651	49,1	44,0	40,7	38,2
Kherson	47	34	131	135	1247	995	8327	9028	24,8	21,9	154,7	166,0
Khmelnytskiy	30	22	29	31	763	728	957	1094	15,0	12,6	18,6	21,6
Cherkasy	36	36	59	65	1215	1092	1855	1980	21,1	20,9	40,6	42,6
Chernivtsi	18	12	28	31	943	785	1453	1533	13,8	11,6	30,5	28,5
Chernihiv	52	51	64	61	822	927	1470	1438	13,3	16,0	30,7	30,0
cities												
Kyiv	95	109	141	133	7637	8246	10064	9807	157,3	192,5	246,4	239,7
Sevastopol	9	10	13	21	609	659	670	1256	13,2	15,6	14,4	27,4

[1] Including other institutions for short-term stay that are available seasonally

22.20. Service facilities in hotels and other places for short-term stay, by region

(end of year)

	Parking lots			Restaurants, cafes, bars, etc.			Saunas (steam rooms, swimming pools), laundries			Trade outlets (shops, kiosks, etc.)		
	2000	2009	2010	2000	2009	2010	2000	2009	2010	2000	2009	2010
Ukraine	**251**	**415**	**461**	**515**	**866**	**901**	**302**	**711**	**721**	**94**	**157**	**164**
Autonomous Republic of Crimea	10	64	70	44	97	100	35	81	81	10	11	13
oblasts												
Vinnytsya	6	7	7	17	9	7	9	8	8	3	3	3
Volyn	9	7	7	13	14	16	9	10	9	1	3	3
Dnipropetrovsk	11	17	18	16	38	45	24	44	50	1	4	5
Donetsk	15	26	27	37	56	62	16	48	51	—	4	5
Zhytomyr	8	10	10	9	16	16	4	13	13	1	5	5
Zakarpattya	3	27	31	29	78	79	13	56	57	4	2	3
Zaporizhzhya	6	11	9	12	12	15	11	12	15	—	1	1
Ivano-Frankivsk	6	18	20	15	23	22	7	23	22	2	3	3
Kyiv	6	13	16	13	25	32	8	21	29	2	2	4
Kirovohrad	6	4	4	11	9	9	6	9	8	8	2	2
Luhansk	5	6	6	14	6	7	8	4	5	2	1	1
Lviv	17	26	42	42	110	102	21	74	66	2	8	5
Mykolayiv	8	12	12	17	38	47	6	15	13	5	8	7
Odesa	18	24	23	38	47	41	17	35	37	12	11	12
Poltava	10	13	14	12	15	18	11	21	21	1	1	1
Rivne	8	4	4	9	6	6	4	7	7	2	3	3
Sumy	5	8	8	13	12	12	10	15	15	5	4	3
Ternopil	5	9	12	14	11	11	3	19	19	1	5	6
Kharkiv	11	16	14	19	28	19	10	21	19	3	1	2
Kherson	6	22	24	9	41	42	11	41	43	1	47	47
Khmelnytskiy	6	10	11	5	13	14	3	5	7	1	—	1
Cherkasy	11	12	14	14	17	17	14	16	14	4	5	4
Chernivtsi	5	9	11	10	20	21	4	26	26	2	5	4
Chernihiv	11	6	8	6	7	8	9	22	21	6	—	—
cities												
Kyiv	36	30	33	69	104	103	27	58	55	14	15	17
Sevastopol	3	4	6	8	14	30	2	7	10	1	3	4

22.21. Capacities of hotels and other places for short-term stay, by region

	Maximum capacity, beds				Total guests registered, thsd.				Ratio of use[1]			
	2000	2005	2009	2010	2000	2005	2009	2010	2000	2005	2009	2010
Ukraine	**102906**	**106048**	**174398**	**186621**	**3287,4**	**3938,2**	**3622,1**	**4047,8**	**0,24**	**0,33**	**0,18**	**0,18**
Autonomous Republic of Crimea	11329	12710	15324	15839	204,5	256,6	292,7	310,5	0,28	0,35	0,21	0,23
oblasts												
Vinnytsya	2464	1519	1495	1364	67,5	56,9	44,9	49,9	0,17	0,36	0,20	0,26
Volyn	2378	1961	2148	2431	92,6	89,6	66,7	71,9	0,21	0,27	0,18	0,18
Dnipropetrovsk	6025	11658	11009	13525	194,9	270,3	171,9	161,9	0,21	0,24	0,13	0,10
Donetsk	5910	5457	5676	5210	154,9	180,6	116,1	166,5	0,22	0,22	0,16	0,17
Zhytomyr	2312	1752	4801	4916	59,8	75,0	56,2	49,5	0,11	0,23	0,08	0,08
Zakarpattya	2839	3152	5554	5380	84,3	99,2	104,4	101,5	0,19	0,34	0,17	0,15
Zaporizhzhya	3554	2696	2566	2563	148,9	122,2	70,2	51,7	0,32	0,30	0,23	0,19
Ivano-Frankivsk	2305	2092	3774	3846	58,2	72,7	65,4	80,7	0,17	0,23	0,13	0,13
Kyiv	2693	2447	4067	4977	97,5	121,7	124,5	153,8	0,20	0,23	0,19	0,19
Kirovohrad	970	1066	1102	1643	31,6	42,3	26,5	43,3	0,18	0,36	0,19	0,19
Luhansk	3297	3807	5270	6028	47,7	75,4	70,7	90,4	0,09	0,20	0,09	0,09
Lviv	4893	8701	11364	11910	164,3	237,3	292,7	353,2	0,19	0,18	0,18	0,20
Mykolayiv	2490	1486	17563	19673	40,1	74,7	108,7	111,0	0,09	0,29	0,10	0,11
Odesa	8161	6619	7541	8342	243,1	289,8	213,7	207,4	0,20	0,28	0,16	0,14
Poltava	3421	2571	2832	2779	125,3	83,7	75,2	65,2	0,24	0,31	0,17	0,16
Rivne	1833	2519	2760	2686	66,4	90,7	60,5	63,1	0,19	0,35	0,19	0,23
Sumy	2372	2054	2923	2925	59,5	67,2	47,7	48,2	0,16	0,25	0,12	0,12
Ternopil	2478	3082	3930	3854	51,6	72,6	51,2	51,1	0,13	0,31	0,13	0,12
Kharkiv	4859	3467	3230	2922	143,2	160,2	160,9	171,4	0,18	0,24	0,34	0,29
Kherson	2817	2186	23210	25486	64,0	48,2	130,3	136,2	0,19	0,13	0,14	0,13
Khmelnytskiy	1578	1352	1778	2003	46,8	80,9	80,7	126,0	0,18	0,28	0,21	0,32
Cherkasy	2491	2139	5163	5887	73,8	119,9	74,3	62,7	0,20	0,25	0,11	0,10
Chernivtsi	1793	1398	4764	4884	52,9	50,9	54,3	50,8	0,21	0,20	0,15	0,14
Chernihiv	1887	2095	4183	4017	56,2	91,4	68,5	73,5	0,18	0,38	0,15	0,16
cities												
Kyiv	14478	14757	18980	18582	810,2	974,1	958,2	1144,7	0,40	0,68	0,40	0,42
Sevastopol	1279	1305	1391	2949	47,6	34,1	35,0	51,7	0,78	0,22	0,29	0,31

[1] Rate of capacity usage for hotels is estimated as a ratio of general duration of stay (person-days) to maximum capacity (beds) multiplied by 365 days

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 injures 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.)

Psychotrophic substances are some psychic substances that are included into a List of drugs (DET, DMT, LSD, mescaline, alphitamin, amobarbital, etc.). Toxic substances are phenil-acetone, ephedrine, calium-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.

23.1. Registered crimes, by selected category

(data by Ministry of Internal Affairs of Ukraine; thsd.)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total registered cases[1]	**369,8**	**641,9**	**567,8**	**566,4**	**527,8**	**491,8**	**428,1**	**408,2**	**390,2**	**439,5**	**505,4**
of which											
premeditated murders and attempted murders	3,2	5,3	5,1	4,0	3,8	3,3	3,2	2,9	2,7	2,5	2,4
premeditated severe injuries	6,7	8,8	6,9	6,3	5,9	5,7	5,3	5,5	5,1	4,1	3,8
rapes and attempted rapes	2,7	1,9	1,2	1,0	1,0	0,9	1,0	0,9	0,9	0,8	0,6
hooliganism	18,8	37,1	23,4	20,1	15,9	15,0	13,4	12,1	11,7	10,5	9,2
violent crime	3,1	5,4	5,6	5,7	5,5	6,7	6,5	5,7	5,0	5,1	4,0
robberies	17,8	32,2	23,0	36,5	40,8	47,1	41,7	32,3	26,9	27,6	23,3
extortion	1,5	3,6	2,7	1,9	1,3	1,2	0,9	0,7	0,6	0,6	0,5

[1] 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 2010, 182,7 thsd. were classified as grave and very grave offences.

23.2. Registered crimes, by region

(data by Ministry of Internal Affairs of Ukraine; thsd.)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine[1]	**369,8**	**641,9**	**567,8**	**566,4**	**527,8**	**491,8**	**428,1**	**408,2**	**390,2**	**439,5**	**505,4**
Autonomous Republic of Crimea	23,6	34,4	30,2	26,7	26,3	23,8	18,8	20,8	19,9	23,0	33,5
oblasts											
Vinnytsya	8,6	14,6	14,0	14,9	15,0	12,5	11,4	10,6	10,5	10,8	12,8
Volyn	4,5	7,6	7,6	8,9	8,3	8,6	8,2	8,3	7,4	7,8	8,3
Dnipropetrovsk	41,7	81,4	65,6	55,5	53,9	46,5	38,1	36,0	33,1	41,0	49,6
Donetsk	44,2	62,7	54,6	60,3	59,3	58,2	52,2	49,5	46,9	53,4	62,6
Zhytomyr	8,3	15,4	15,8	13,9	11,8	10,0	8,7	7,9	7,9	8,9	10,2
Zakarpattya	3,5	7,6	6,7	6,7	6,7	6,6	5,6	5,2	5,1	5,7	6,8
Zaporizhzhya	17,3	32,4	32,6	32,6	30,7	28,4	25,8	27,4	24,5	25,1	27,9
Ivano-Frankivsk	4,6	9,1	8,9	8,9	7,8	7,5	6,4	5,8	5,3	5,6	5,8
Kyiv	10,2	17,2	15,9	16,1	14,9	13,5	12,3	12,1	11,8	13,9	16,6
Kirovohrad	8,5	12,9	12,8	11,4	10,2	9,6	7,8	7,1	7,4	9,7	11,9
Luhansk	25,9	50,6	39,3	41,6	42,0	35,3	29,7	28,2	26,7	29,7	32,1
Lviv	14,9	26,0	22,1	19,9	19,4	18,7	16,9	15,4	13,8	13,9	17,3
Mykolayiv	11,3	20,4	17,9	15,5	14,4	14,2	12,5	11,3	11,1	11,7	12,7
Odesa	23,1	34,1	26,9	30,0	26,0	23,5	21,2	20,0	20,0	21,3	24,8
Poltava	10,0	18,8	17,7	19,1	18,3	17,9	15,3	14,7	12,9	13,7	16,4
Rivne	4,1	7,1	7,5	9,0	7,6	7,7	6,3	5,9	5,9	7,1	7,5
Sumy	6,8	15,0	14,5	13,8	12,0	11,3	9,7	9,2	8,3	9,7	10,7
Ternopil	3,5	6,8	6,4	6,2	6,1	5,7	5,4	4,9	4,7	5,2	5,4
Kharkiv	26,6	49,5	43,1	45,1	37,4	32,0	26,8	25,7	24,6	25,8	28,3
Kherson	9,4	16,8	14,4	16,2	13,7	13,2	10,6	10,0	10,0	10,7	12,3
Khmelnytskiy	4,9	10,6	10,4	11,8	10,8	10,6	9,6	8,5	8,2	9,2	10,9
Cherkasy	7,4	13,8	14,4	12,8	11,6	10,3	8,8	8,1	7,9	9,3	9,7
Chernivtsi	3,0	5,2	4,8	6,0	5,4	5,1	5,1	5,0	5,1	5,9	6,7
Chernihiv	7,7	11,3	12,6	12,1	10,8	9,5	8,0	7,4	7,1	8,9	9,6
cities											
Kyiv	20,9	36,6	28,6	32,0	29,4	33,4	29,5	26,0	26,4	35,5	36,5
Sevastopol	…	3,9	4,3	5,2	4,7	4,7	4,7	4,4	4,8	5,2	5,5

[1] See the footnote to Table 23.1

23.3. Crimes related on narcotics and other harmful drugs

(data by Ministry of Internal Affairs of Ukraine)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total registered crime	**7236**	**38181**	**45748**	**57435**	**65740**	**65017**	**64630**	**63838**	**63666**	**57624**	**56878**
including											
theft, appropriation, extertion of drugs, psychotropic substances or similar products or cartured by swindle or abuse of official position	289	275	332	344	404	352	327	319	289	252	255
illegal production, purchase, storage, transportation and trafficking of drugs for sale or other purposes (plus sales)	6440	36223	40138	49216	53852	53456	53379	53235	52628	48557	47702
inclination for drugs	64	151	385	649	815	965	954	991	825	661	618
setting up and keeping places for illegal consumption, production or the making of drugs, psychotropic agents or similar products	93	668	1664	2477	2708	2743	2662	2487	2443	2098	2150

In 2010 by internal affair bodies registered 8,9 thsd. criminal cases committed by drug addicts, 2,4 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

(data by State Judicial Administration of Ukraine; thsd.)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total convicted	**104,2**	**212,9**	**230,9**	**201,1**	**204,8**	**176,9**	**160,9**	**152,8**	**146,9**	**146,4**	**168,8**
of whom of											
theft	33,2	92,5	108,4	84,9	80,5	60,1	39,9	32,8	29,0	32,7	61,0
robberies	5,1	9,0	10,0	11,3	13,1	13,4	14,9	14,3	12,6	12,6	11,6
violent crime	2,1	3,6	4,9	4,7	4,5	4,4	4,7	4,8	3,8	4,0	3,8
extortion	0,6	1,3	1,4	1,1	1,0	0,7	0,6	0,5	0,4	0,4	0,4
intended murders and attempted murders	1,9	3,1	3,9	3,0	2,2	2,1	2,0	2,3	2,0	1,9	2,0
intended severe injuries	3,3	4,2	4,9	4,6	4,5	4,1	4,0	4,2	3,8	3,9	3,4
rapes and attempted rapes	2,6	1,4	0,9	0,4	0,6	0,7	0,6	0,5	0,5	0,5	0,4

23.5. Court convictions, by region

(data by State Judicial Administration of Ukraine; thsd.)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine[1]	**104,2**	**212,9**	**230,9**	**201,1**	**204,8**	**176,9**	**160,9**	**152,8**	**146,9**	**146,4**	**168,8**
Autonomous Republic of Crimea	5,7	8,7	10,9	11,7	12,4	10,2	9,1	8,1	8,2	8,7	8,2
oblasts											
Vinnytsya	3,3	6,4	7,7	5,8	6,2	5,2	5,1	5,0	5,7	5,4	6,1
Volyn	1,8	3,9	3,7	3,5	3,8	3,2	3,2	2,7	2,9	2,9	3,3
Dnipropetrovsk	9,4	25,6	22,1	18,6	16,9	13,6	13,9	13,2	13,1	13,2	14,9
Donetsk	11,7	24,6	25,8	22,5	23,4	22,2	19,9	16,7	16,8	17,6	20,3
Zhytomyr	2,7	6,6	5,8	5,4	6,0	4,5	4,3	4,2	3,8	3,9	4,7
Zakarpattya	1,5	3,2	3,7	3,3	3,2	2,6	2,4	2,2	2,0	2,1	2,9
Zaporizhzhya	6,8	7,0	13,3	10,8	10,8	11,4	9,0	9,2	9,0	8,9	9,7
Ivano-Frankivsk	1,8	4,4	3,6	3,1	3,3	3,4	3,1	2,9	2,7	2,7	3,4
Kyiv	4,0	6,8	8,1	6,5	6,8	5,6	5,6	4,8	4,6	4,9	4,8
Kirovohrad	3,1	5,9	6,1	5,7	4,9	4,0	3,5	3,2	3,6	3,4	4,7
Luhansk	6,8	13,4	17,4	12,9	15,6	12,9	10,2	11,4	11,1	10,4	12,7
Lviv	3,6	9,4	8,4	6,6	7,1	6,0	5,7	5,4	4,7	4,4	5,7
Mykolayiv	3,5	5,7	6,5	7,0	7,4	6,8	5,8	5,5	5,0	4,7	5,6
Odesa	5,1	10,8	12,6	10,5	9,5	9,2	8,5	7,8	7,3	7,8	8,3
Poltava	3,4	6,9	7,0	6,6	6,4	6,7	6,1	5,3	4,4	4,3	4,7
Rivne	1,2	3,1	3,2	3,6	3,2	3,0	2,8	2,7	2,8	2,4	3,3
Sumy	4,0	7,9	6,8	6,4	5,8	4,6	4,5	4,1	3,6	3,9	5,0
Ternopil	1,6	4,2	3,0	2,3	2,3	2,1	2,1	1,8	1,9	2,0	2,5
Kharkiv	6,5	13,7	15,8	13,7	15,1	13,7	11,8	10,9	10,0	9,4	8,6
Kherson	2,8	4,9	6,8	5,9	5,9	5,5	5,2	4,6	4,3	4,4	5,3
Khmelnytskiy	2,3	5,7	4,8	4,3	4,7	4,1	3,9	3,9	3,6	3,6	4,6
Cherkasy	3,2	6,5	7,0	5,2	5,0	4,2	3,6	3,8	3,6	3,6	4,4
Chernivtsi	1,4	2,7	2,9	2,5	2,4	1,8	2,1	1,9	1,7	1,7	2,1
Chernihiv	2,9	5,5	6,2	5,7	6,0	4,6	4,1	3,9	3,5	3,3	4,4
cities											
Kyiv	4,1	8,4	9,3	8,3	8,2	3,9	3,6	5,9	5,4	5,4	6,5
Sevastopol	…	1,0	1,9	1,8	1,5	1,3	1,3	1,3	0,9	0,8	1,4

[1] In 2000, including those convicted by interregional courts; with 2003, including those convicted by military courts

23.6. Crime and conviction rate

(per 100 thsd. population)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Registered crimes	1246	1147	1057	955	1185	1112	1044	915	878	843	954	1102
Court convictions	413	466	416	403	421	432	376	344	328	317	318	368

23.7. Convicted persons by category

(data by State Judicial Administration of Ukraine; percent)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
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	10,5	10,6	9,9	8,7	7,3	6,9	5,9	6,4
18–24	24,5	25,1	27,8	29,3	28,5	29,5	29,0	29,2	27,5	27,1	25,6
25–29	21,0	18,2	18,5	17,8	17,0	17,0	17,5	18,3	18,2	19,1	19,3
30 and older	42,4	48,9	45,0	42,4	43,9	43,6	44,8	45,2	47,4	47,9	48,7
Of total convicted											
females	9,5	14,4	13,8	12,1	13,3	12,8	13,0	12,0	12,4	12,7	13,1
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	33,6	36,5	34,2	34,6	36,7	35,2	37,6	36,5
persons of working age not working or studying, including unemployed	23,2	39,8	60,3	63,0	62,9	64,8	65,4	66,6	66,4	70,6	71,2
persons who committed crime in the state of alcoholic intoxication	43,6	28,4	23,9	24,4	26,0	25,6	26,4	26,7	26,1	26,3	26,9

23.8. Convicted persons, by major type of sentence

(data by State Judicial Administration of Ukraine; percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total convicted	**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
term deprivation of freedom	34,7	31,4	30,3	26,5	25,9	24,0	25,0	22,4	24,2	24,2
fines	3,1	5,4	4,4	5,5	6,6	8,8	10,2	14,9	14,7	14,9
compulsory work	5,1	2,3	1,8	1,4	1,2	1,1	0,9	0,9	0,7	0,7
public works	0,1	0,9	1,4	1,7	1,9	2,4	2,8	3,6	5,3	6,6
restriction of freedom	0,3	1,6	1,7	1,9	2,0	2,1	2,3	2,6	2,5	2,1
freed from punishment	15,8	54,3	59,0	61,9	61,1	60,1	57,2	53,1	49,3	47,9
other types of punishment	40,8	4,0	1,3	1,1	1,3	1,4	1,5	2,5	3,2	3,5

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

(data by 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
Total convicted	**57,0**	**58,0**	**57,6**	**56,1**	**56,4**	**55,2**	**54,8**	**52,6**	**52,1**	**51,3**
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
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
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
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
against property	63,0	64,3	64,9	65,4	68,3	70,3	70,8	69,3	65,4	60,5
in economic sphere	27,3	30,8	29,8	26,6	26,8	24,1	23,2	22,8	21,0	19,5
against environment	41,4	41,1	46,1	43,4	40,3	42,1	38,0	39,4	40,8	38,6
against public safety	33,6	34,2	33,9	30,1	28,9	27,3	25,0	26,2	26,9	25,8
against safety of production	27,3	17,8	15,5	13,8	17,4	16,1	18,0	16,9	18,6	16,4
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
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
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
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
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
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
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
against justice	49,2	49,2	46,7	47,5	44,7	43,1	43,6	44,5	45,8	44,2
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
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

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

23.10. Share of minors convicted for selected crimes

(data by 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
Total convicted	**10,0**	**10,4**	**10,5**	**10,6**	**9,9**	**8,7**	**7,3**	**6,9**	**5,8**	**6,4**
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
against personal will and dignity	—	5,0	2,0	2,5	0,6	1,8	1,5	2,6	2,3	1,5
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
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
against property	13,6	15,0	15,5	16,3	16,4	15,6	13,8	13,6	11,1	10,4
in economic sphere	1,7	1,0	0,8	0,8	0,9	1,0	0,9	1,0	0,7	0,3
against environment	0,7	2,2	1,8	2,0	1,9	1,7	0,7	2,1	0,5	1,1
against public safety	3,1	3,0	2,5	2,5	2,1	1,3	1,0	1,4	0,9	0,9
against safety of production	—	—	—	—	—	—	0,5	—	—	—
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
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
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
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
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
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	—	—	—	—	—	—	—
against justice	1,5	1,7	1,1	0,9	1,0	0,7	0,7	0,9	1,1	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

[1] See the footnote to Table 23.9

23.11. Institutions executing sentences and number of prisoners

(data by State Penitentiary Services of Ukraine; end of year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Number of institutions	135	137	142	142	142	147	147	147	147	146	151	151
including												
for females	7	11	12	12	12	13	12	12	12	12	12	12
for minors	11	11	11	11	11	11	11	11	11	10	10	10
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
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
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

23.12. Number and composition of minors who were registered by units of criminal police in juvenile delinquency cases

(data by Ministry of Internal Affairs of Ukraine; end of year)

	1990	1995	2000	2005	2010	1990	1995	2000	2005	2010
	thsd.					percent				
Total	**66,1**	**67,0**	**39,8**	**41,5**	**20,3**	**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	11,4	39,5	43,9	39,1	54,3	56,5
pupils of professional training institutions	16,1	10,7	6,5	7,0	3,5	24,3	15,9	16,3	16,8	17,1
did not work or study	5,4	15,9	10,0	7,8	4,1	8,2	23,8	25,2	18,7	20,4
have one parent	21,9	18,9	10,4	11,0	5,8	33,1	28,2	26,1	26,4	28,4
have no parents	1,3	1,2	0,9	1,2	0,8	1,9	1,9	2,2	2,9	3,9
live in children's homes or boarding schools	1,2	1,4	1,0	1,7	1,1	1,9	2,0	2,6	4,1	5,5

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

(thsd.)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**6515,9**	**22400,6**	**9395,4**	**7097,3**	**7013,7**	**6370,3**	**7677,9**	**8867,5**	**9874,9**	**8280,5**	**8854,1**
Committed offences											
related to industrial hygiene and health care	161,0	161,5	179,7	248,2	267,5	272,2	279,6	305,5	285,2	283,1	284,3
encroachment on property	59,7	87,4	12,8	9,6	9,5	13,0	23,0	26,5	30,1	26,4	18,5
of which petty stealing of another's property	58,8	85,0	10,9	5,6	5,4	8,4	17,6	19,6	21,8	17,9	10,4
related to environmental protection, use of natural resources, and protection of cultural heritage	80,9	146,0	142,5	156,5	165,9	150,5	176,1	187,0	209,5	213,6	201,3
related to industry, construction, and use of fuel and energy resources	50,9	64,0	81,5	97,2	101,1	105,3	107,1	122,2	135,3	125,1	136,0
related to agriculture, and infringements of veterinary and sanitary regulations	73,4	87,5	95,5	121,0	127,7	136,9	136,8	142,6	146,9	123,1	89,7
related to transport, road services and communications	4379,2	18040,4	6507,4	4502,2	4392,4	3877,8	4942,6	5753,7	6506,5	4834,8	5226,3
related to housing rights of citizens, housing and community amenities, and equipping localities with services and utilities	36,3	49,9	75,9	80,6	88,1	79,2	81,6	110,3	113,3	111,7	80,5
related to trade, public catering, consumer services, finance and business activities	89,5	868,1	555,4	459,9	476,6	361,5	395,2	482,2	508,4	526,4	519,7
related to standardi-sation, product quality, weights, measures and certification	6,6	27,2	25,9	25,2	26,4	23,0	27,1	26,3	21,6	20,0	20,1
encroachment on public safety and order	1251,4	2291,7	1142,4	832,4	781,2	730,2	797,4	913,0	952,6	1096,3	1268,3
of which minor hooliganism	290,2	541,5	252,8	234,1	203,1	168,4	170,6	182,6	207,4	239,1	229,5
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	451,0	399,7	361,5	407,1	462,7	471,0	556,8	697,1
encroachment on the established procedures[1]	327,0	576,9	576,4	564,5	577,3	620,7	711,4	798,2	965,5	920,0	978,0
infringement on popular declaration of intend and the established order of its implementation	—	—	—	—	—	—	0,0	0,0	0,0	0,0	0,2

[1] Including corruption administrative violation

In 2010, the courts with court decisions have considered 1629,3 thsd. cases on administrative proceedings, among which 1427,8 thsd. were with claims adjustment.

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

(data by State Judicial Administration of Ukraine; thsd.)

	1990		1995		2000		2005		2010	
	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)
Total cases	**379,2**	**345,7**	**453,3**	**429,4**	**911,4**	**867,1**	**1116,2**	**1040,9**	**2193,3**	**1691,6**
of which										
reinstatement	3,8	1,8	3,6	2,0	5,5	3,1	3,8	2,2	4,4	1,8
payment of wages	1,1	0,7	0,9	0,7	237,6	232,3	56,0	53,5	18,7	12,3
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	0,7	0,4
divorce	172,2	164,4	172,4	168,7	156,9	154,8	140,7	138,8	153,5	122,4

23.15. State notary services

(data by Ministry of Justice of Ukraine)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total state notary offices	729	822	795	801	796	826	821	822	822	844	843
Total notary actions (will witnessing, heritage certificates issuing, execution of court orders, etc), thsd.	4532	8216	3920	3831	4414	4094	4096	4228	4387	3591	3284
Total state duty for notary activities received by the budget, mln. UAH	…	22,3	50,8	65,6	82,6	71,2	89,8	98,3	102,2	101,6	62,8

In 2010, 5325 private notary who had carried out 13609 thsd. notarial actions reported to the State justice agencies.

23.16. Fires

(data by State Department of Fire Safety of Ministry of Emergencies of Ukraine)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total fires	**47875**	**37596**	**40374**	**49654**	**53751**	**51432**	**55708**	**49838**	**48998**	**64743**
Fire consequences										
total killed, persons	2067	2423	3929	3822	4182	4038	3983	3896	3183	2823
of whom children	166	149	130	92	119	126	139	92	66	95
total injured, persons	1332	1532	1854	1872	1912	1903	1871	1817	1648	1551
total rescued, persons	2073	6901	7536	4104	4114	3632	3224	6546	3297	5259
Total direct losses, mln. UAH	73,2	70,3	128,6	92,1	292,5	204,9	576,8	2945,2	486,5	669,8
Destroyed or damaged										
buildings and dwellings	8198	17704	20700	17401	20918	20256	23129	21043	21832	22304
car equipment	956	2142	2454	2342	2457	2555	2862	3084	3034	3195
Loss of livestock, heads	1386	835	999	460	675	825	528	812	1246	1720
Destroyed fodder, t	39191	24203	14545	14009	19529	15155	16024	15536	14498	11839

23.17. Fires, by cause

(data by State Department of Fire Safety of Ministry of Emergencies of Ukraine)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total fires	**47875**	**37596**	**40374**	**49654**	**53751**	**51432**	**55708**	**49838**	**48998**	**64743**
Arsons	3640	2273	1454	1329	1546	1469	1644	1814	2110	2228
Equipment disrepair	791	294	157	186	161	141	121	117	107	121
Infractions of electric equipment and appliances, assembling and operation rules	11693	10693	10351	10758	10907	10965	10628	10545	10357	11710
Infractions of heating and heat generating equipment, assembling and operation rules	4600	3535	3764	3827	4022	4292	3666	3733	3950	4180
Careless use of fire	18408	14925	15420	24866	30944	29296	33738	28441	28193	41147
Children’s mischief with fire	3931	2294	1544	1710	1769	1299	1324	1015	896	909
Unidentified reasons	323	11	3	—	3	3	3	2	4	1
Other reasons	4489	3571	7681	6978	4399	3967	4584	4171	3381	4447

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.

Consumption of fresh water is the usage of all kinds of water, derived from different sources (including surface and subsurface water, formation water, mine water, sea water, etc.) to meet economic needs. 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 worming on the planet. The basic greenhouse gases include carbon dioxide (CO_2), methane (CH_4), nitric oxide (N_2O), hydro-fluorine carbon, perfluorine carbon, hecsofluoride sulfur (SF_6).

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.

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 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 effluent charges paid by the stationary and mobile sources of pollution for pollutant emissions into the atmosphere and directly into water bodies, for waste disposal, fines imposed for infringement of environmental legislation, use of natural resources, claims for damages caused to nature as a result of violation of the environmental legislation.

LAND

24.1. Lands of Ukraine[1]

(as of January 1, 2011)

	Area, thsd.ha	Percentage of total land
Total land area	**60354,8**	**100,0**
land used in agricultural production	42791,8	70,9
forest and forested land	10601,1	17,6
built areas	2512,5	4,2
land under water	2423,5	4,0
open swamp areas	979,9	1,6
other land	1046,0	1,7

[1] According to data from the State Agency of Land Resources of Ukraine

24.2. Preserves and national nature parks

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total preserves and national nature parks	21	20	31	33	36	36	38	38	39	43	45
Their area, thsd.ha	407,0	417,6	887,5	1013,8	1052,5	1056,5	1104,3	1107,0	1146,8	1225,7	1310,5

24.3. Damaged and recultivated land[1]

(thsd.ha)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Damaged	17,0	3,5	1,9	3,5	1,8	2,0	1,7	1,4	1,2	1,5	1,2
Exhausted	16,4	4,6	2,8	2,0	1,4	1,8	2,0	1,1	2,0	1,1	0,2
Recultivated	19,2	8,4	3,7	1,9	1,5	2,1	1,4	1,2	1,6	0,9	0,5
of which arable land	8,9	1,5	1,5	0,5	0,4	0,3	0,5	0,2	0,3	0,2	0,2

[1] See the footnote to Table 24.1

As of end of 2010 the area of damaged soil accounted for 135,5 thsd.ha and that of exhausted to 43,3 thsd.ha.

24.4. Land protection operations

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Construction of anti-erosion hydrotechnical installations										
earthen walls, walls-ditches, km	135,2	9,3	4,0	13,5	3,6	8,6	7,3	8,0	0,5	4,1
walls-terraces, km	5,4	10,9	3,8	5,1	6,6	2,3	2,4	2,3	0,7	0,0
walls-roads, km	16,2	2,2	1,1	1,1	1,1	2,2	1,3	1,1	2,5	0,1
anti-erosion ponds (storages of solid drainage), ha	177,0	24,0	31,8	5,2	7,0	1,5	2,0	1,8	0,0	6,6
water drainage constructions, pcs	51	18	2	1	2	2	1	2	9	12
reinforced shores, km	1,0	4,7	237,0	2,6	3,9	4,2	4,2	1,2	7,6	4,3
Alkalisation of severely degraded and chemical-polluted arable land, ha	12785,0	14974,0	16728,8	8566,0	6341,5	8929,9	6212,3	6021,8	3805,9	1015,2

24.5. Liming and plastering of soils

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Limed soil, thsd.ha	1407,9	286,6	23,9	23,5	40,9	41,7	43,9	49,0	59,7	87,8	73,2
Lime powder and other lime materials applied, thsd.t	6930,7	1597,4	169,7	132,0	222,8	243,1	283,4	300,3	334,1	406,1	340,8
Plastered soil, thsd.ha	285,4	18,1	5,1	1,6	3,8	2,7	5,7	7,9	9,8	24,6	4,4
Plaster and other plaster-containing rock applied, thsd.t	1275,9	79,2	27,0	5,4	16,5	12,1	30,4	39,9	39,2	47,0	23,4

WATER RESOURCES

24.6. Water supply and water drainage, basic indicators[1]

(mln.cub.m)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Consumption of fresh water	30201	20338	12991	11034	9973	10188	10245	10995	10265	9513	9817
of which											
for production purposes	16247	10421	6957	6068	5685	5706	5783	6162	5970	5149	5511
for household and drinking purposes	4647	4404	3311	2724	2527	2409	2298	2192	2103	1956	1917
Discharge (drainage) of waste waters	20261	14981	10964	9459	9065	8900	8824	8917	8655	7692	8141
of which											
polluted	3199	4652	3313	2948	3326	3444	3891	3854	2728	1766	1744
of which without purification	470	912	758	804	758	896	1427	1506	616	270	312
purified according to standards	3318	1936	2100	1946	1492	1315	1304	1245	1357	1711	1760
Total waste and recycled waters	67661	51054	41523	42345	45658	47167	47716	48883	46260	41379	43138
Capacity of purifying facilities	8131	8419	7992	7733	7740	7688	8104	7768	7518	7581	7425

[1] According to data from the State Agency of Water Resources of Ukraine

24.7. Fresh water consumption, by region[1]

(mln.cub.m)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**30201**	**20338**	**12991**	**11034**	**9973**	**10188**	**10245**	**10995**	**10265**	**9513**	**9817**
Autonomous Republic of Crimea	2735	1747	1106	826	685	791	743	784	687	767	764
oblasts											
Vinnytsya	1894	1016	696	126	121	125	121	113	107	100	110
Volyn	187	225	121	115	80	71	77	80	78	76	72
Dnipropetrovsk	3599	2752	1756	1624	1475	1579	1480	1461	1462	1307	1361
Donetsk	3419	2548	1751	1676	1589	1508	1562	1633	1527	1346	1467
Zhytomyr	282	178	107	103	101	101	137	163	166	150	159
Zakarpattya	144	104	70	51	48	44	42	38	37	35	33
Zaporizhzhya	4598	2635	1702	1342	1123	1076	1101	1464	1286	1007	1099
Ivano-Frankivsk	289	219	111	99	98	104	101	103	100	93	86
Kyiv	2131	1496	1132	948	786	812	874	862	881	886	902
Kirovohrad	270	184	86	62	57	53	45	44	46	43	40
Luhansk	1261	954	408	288	268	254	250	241	232	199	192
Lviv	552	386	219	217	209	203	195	191	187	181	175
Mykolayiv	785	500	277	233	178	194	223	233	205	195	184
Odesa	1315	719	479	350	312	330	336	360	321	336	325
Poltava	478	295	248	238	220	206	290	292	271	204	205
Rivne	268	190	125	145	149	160	159	167	174	151	159
Sumy	281	216	115	97	109	109	117	110	111	94	101
Ternopil	183	162	65	66	73	66	64	66	59	58	61
Kharkiv	785	594	408	376	373	295	292	295	317	282	287
Kherson	2161	1131	639	576	428	610	607	923	669	760	770
Khmelnytskiy	363	269	156	109	102	102	107	127	106	89	97
Cherkasy	563	547	214	244	238	246	251	243	243	241	244
Chernivtsi	109	85	57	72	64	68	69	60	60	61	68
Chernihiv	285	235	122	157	155	149	137	154	148	142	142
cities											
Kyiv	1093	848	777	824	856	872	792	728	709	646	648
Sevastopol	171	103	44	70	76	60	73	60	76	64	66

[1] See the footnote to Table 24.6

24.8. Recycled and reused water, by region[1]

	Total, mln.cub.m							Share of recycled water in total water used for production purposes, percent						
	1995	2000	2005	2007	2008	2009	2010	1995	2000	2005	2007	2008	2009	2010
Ukraine	**51054**	**41523**	**47167**	**48883**	**46260**	**41379**	**43138**	**83**	**86**	**89**	**89**	**89**	**89**	**89**
Autonomous Republic of Crimea	377	252	338	325	323	281	388	73	77	79	79	81	77	79
oblasts														
Vinnytsya	195	85	573	905	903	771	802	18	12	88	93	93	93	92
Volyn	62	42	43	43	38	26	28	64	74	67	64	61	54	58
Dnipro-petrovsk	7189	5668	5375	5687	5637	5108	5662	79	82	81	84	83	84	84
Donetsk	10760	7838	7745	8503	7784	6797	7143	87	87	87	87	87	87	86
Zhytomyr	239	152	237	238	247	218	223	80	86	87	82	83	83	82
Zakarpattya	55	19	9	1	1	1	0	68	79	56	11	14	17	0
Zaporizhzhya	7723	9996	10022	10393	9507	10094	9932	79	88	92	89	90	92	92
Ivano-Frankivsk	3033	1165	2228	2188	2104	1640	1419	97	95	97	97	97	96	96
Kyiv	2822	1897	492	374	323	318	334	69	66	41	33	29	29	29
Kirovohrad	157	47	97	119	123	83	121	75	68	84	89	87	86	91
Luhansk	2719	2328	2235	2638	2555	2341	2437	85	93	95	95	95	96	96
Lviv	670	405	437	417	119	368	311	85	88	88	89	69	88	87
Mykolayiv	3395	2976	3782	3237	3608	3435	3557	96	97	98	97	97	97	97
Odesa	245	179	210	142	165	173	163	61	69	73	64	67	70	70
Poltava	1263	839	1072	1098	938	936	997	92	94	96	91	91	96	97
Rivne	3342	3160	6074	6136	6093	3355	3813	98	98	99	99	98	98	98
Sumy	504	188	191	207	185	143	182	88	82	84	84	83	86	87
Ternopil	122	71	57	56	46	34	40	72	71	69	70	70	63	67
Kharkiv	3019	1707	1669	1554	1574	1404	1618	94	94	95	94	93	93	94
Kherson	197	72	84	67	60	57	50	69	69	70	61	67	70	70
Khmelnytskiy	1188	1157	2714	3150	2574	2534	2534	95	96	98	99	98	99	98
Cherkasy	780	614	743	680	641	590	720	82	89	93	94	94	94	94
Chernivtsi	41	21	9	9	9	5	6	68	53	29	30	35	22	21
Chernihiv	249	177	213	204	200	165	145	65	74	68	65	66	62	58
cities														
Kyiv	681	465	501	491	473	477	489	61	54	49	54	53	56	57
Sevastopol	27	3	17	21	30	25	24	44	27	39	44	39	40	39

[1] See the footnote to Table 24.6

24.9. Waste recycled waters drained into the natural surface water basins in 2010, by region[1]

(mln.cub.m)

	Total	Including		Share of total waste recycled waters drained, percent
		without purification	insufficient purification	
Ukraine	**1744**	**312**	**1432**	**21,4**
Autonomous Republic of Crimea	96	43	53	40,5
oblasts				
Vinnytsya	2	—	2	2,6
Volyn	4	1	3	6,7
Dnipropetrovsk	504	133	371	39,9
Donetsk	550	17	533	36,6
Zhytomyr	6	0	6	3,9
Zakarpattya	8	1	7	18,6
Zaporizhzhya	73	4	69	8,5
Ivano-Frankivsk	15	0	15	16,3
Kyiv	14	0	14	1,7
Kirovohrad	24	0	24	50,0
Luhansk	96	26	70	28,8
Lviv	59	2	57	24,6
Mykolayiv	29	—	29	31,5
Odesa	145	56	89	47,9
Poltava	5	—	5	2,3
Rivne	10	1	9	8,9
Sumy	20	0	20	33,9
Ternopil	2	1	1	3,1
Kharkiv	14	7	7	4,6
Kherson	2	2	0	2,4
Khmelnytskiy	2	0	2	3,6
Cherkasy	11	4	7	4,8
Chernivtsi	7	5	2	13,2
Chernihiv	19	—	19	15,0
cities				
Kyiv	0	—	0	—
Sevastopol	27	9	18	49,1

[1] See the footnote to Table 24.6

ATMOSPHERE

24.10. Emission of pollutants and carbon dioxide into the atmosphere

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Emission of pollutants into the atmosphere – total	**15549,4**	**7483,5**	**5908,6**	**6191,3**	**6325,9**	**6615,6**	**7027,6**	**7380,0**	**7210,3**	**6442,9**	**6678,0**
of which											
by stationary sources of pollution	9439,1	5687,0	3959,4	4087,8	4151,9	4464,1	4822,2	4813,3	4524,9	3928,1	4131,6
of which											
sulfur dioxide	2782,3	1639,1	976,6	1034,2	975,4	1119,5	1333,0	1313,1	1290,6	1235,2	1206,3
nitrogen peroxide	760,8	423,8	320,0	306,0	291,7	343,7	325,8	336,6	330,9	279,2	310,5
nitrogen oxide	…	…	…	…	16,3	7,1	7,0	6,5	5,9	5,0	6,8
carbon oxide	3273,7	1478,8	1230,6	1269,7	1318,8	1320,5	1357,9	1404,4	1185,2	915,5	1063,8
methane[1]	261,6	235,2	179,7	375,4	745,1	811,1	917,1	884,9	915,2	840,7	844,8
nonmethane volatile organic compounds[2]	200,4	313,0	263,8	223,1	91,7	91,1	87,5	82,3	73,7	66,9	66,0
soot	34,5	40,4	10,7	9,5	11,6	11,1	11,3	9,9	8,3	7,3	6,5
movable sources of pollution	6110,3	1796,5	1949,2	2103,5	2174,0	2151,5	2205,4	2566,7	2685,4	2514,8	2546,4
of which											
sulfur dioxide	…	…	8,2	12,1	13,1	13,3	14,2	29,5	30,0	27,5	28,9
nitrogen peroxide	…	106,5	120,6	171,9	180,2	180,2	189,3	305,3	311,1	282,9	293,2
nitrogen oxide	…	…	…	…	…	…	…	2,3	2,4	2,1	2,1
carbon oxide	…	1426,8	1546,2	1619,9	1672,2	1654,7	1692,6	1897,1	1991,5	1872,0	1888,1
methane[3]	…	263,2	267,0	283,1	290,2	284,5	287,6	9,2	8,6	8,1	8,2
nonmethane volatile organic compounds	…	…	…	4,6	5,3	5,4	7,2	290,0	308,3	291,6	293,3
soot	…	…	7,2	11,9	13,0	13,4	14,3	33,1	33,3	30,4	32,4
of which movable sources by mode of transport											
by automobile transport	6110,3	1796,5	1949,2	2009,7	2076,9	2056,0	2097,0	2294,4	2420,3	2285,0	2313,7
of which											
sulfur dioxide	…	…	8,2	9,4	10,3	10,5	11,0	19,5	20,1	18,7	19,8
nitrogen peroxide	…	106,5	120,6	128,0	135,1	136,2	141,3	202,7	211,6	197,8	206,1
nitrogen oxide	…	…	…	…	…	…	…	1,2	1,3	1,2	1,3
carbon oxide	…	1426,8	1546,2	1591,4	1642,8	1625,8	1657,8	1773,3	1870,5	1766,6	1782,7
methane[3]	…	263,2	267,0	272,2	279,0	273,5	276,2	7,6	8,0	7,6	7,6
nonmethane volatile organic compounds	…	…	…	…	…	…	…	266,6	284,8	270,9	272,3
soot	…	…	7,2	8,7	9,7	10,0	10,7	23,4	23,8	22,1	23,8
by air, rail, water transport and manufacturing technics[4]	…	…	…	93,8	97,1	95,5	108,4	272,3	265,1	229,8	232,7
of which											
sulfur dioxide	…	…	…	2,7	2,8	2,8	3,2	10,0	9,9	8,8	9,1
nitrogen peroxide	…	…	…	43,9	45,1	44,0	48,0	102,6	99,5	85,1	87,1
nitrogen oxide	…	…	…	…	…	…	…	1,1	1,1	0,9	0,8
carbon oxide	…	…	…	28,5	29,4	28,9	34,8	123,8	121,0	105,4	105,4
methane[3]	…	…	…	10,9	11,2	11,0	11,4	1,6	0,6	0,5	0,6
nonmethane volatile organic compounds	…	…	…	4,6	5,3	5,4	7,2	23,4	23,5	20,7	21,0

Table 24.10 continued

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
soot	…	…	…	3,2	3,3	3,4	3,6	9,7	9,5	8,3	8,6
Besides emission of carbon dioxide – total, mln.t	…	…	…	…	126,9	152,0	178,8	218,1	209,4	185,2	198,2
of which											
by stationary sources of pollution	…	…	…	…	126,9	152,0	178,8	184,0	174,2	152,8	165,0
by road transport	…	…	…	…	…	…	…	25,7	26,7	25,1	25,6
by air, rail, water transport and manufacturing technics	…	…	…	…	…	…	…	8,4	8,5	7,3	7,6

[1] In 1990, 1995, 2000−2003 including other hydrocarbons
[2] In 1990, 1995, 2000−2003 are given data emissions of volatile organic compounds
[3] In 1995, 2000−2006 for road transport; in 2003−2006 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 region[1]

	Total, thsd.t						Per sq.km, t					
	1995	2000	2005	2008	2009	2010	1995	2000	2005	2008	2009	2010
Ukraine	**7483,5**	**5908,6**	**6615,6**	**7210,3**	**6442,9**	**6678,0**	**12,4**	**9,8**	**11,0**	**11,9**	**10,7**	**11,1**
Autonomous Republic of Crimea	150,9	123,4	125,3	155,2	137,4	141,4	5,8	4,7	4,8	5,9	5,3	5,4
oblasts												
Vinnytsya	201,4	145,6	180,4	218,1	194,7	185,1	7,6	5,5	6,8	8,2	7,3	7,0
Volyn	48,9	35,2	50,4	63,4	57,1	57,2	2,4	1,8	2,5	3,2	2,8	2,8
Dnipropetrovsk	1106,7	939,5	1165,3	1164,8	989,4	1140,5	34,7	29,5	36,5	36,5	31,0	35,8
Donetsk	2294,3	1795,3	1862,9	1767,2	1513,3	1589,9	86,6	67,7	70,3	66,7	57,1	60,0
Zhytomyr	67,8	61,8	72,5	80,5	84,1	87,5	2,3	2,1	2,4	2,7	2,8	2,9
Zakarpattya	36,7	40,7	65,9	91,4	87,6	87,1	2,9	3,2	5,1	7,1	6,8	6,8
Zaporizhzhya	346,1	333,3	383,4	331,7	280,5	326,1	12,7	12,3	14,1	12,2	10,3	12,0
Ivano-Frankivsk	325,7	184,8	252,2	298,3	271,8	224,9	23,4	13,3	18,1	21,5	19,6	16,2
Kyiv	209,1	167,5	170,0	289,9	266,7	269,0	7,4	6,0	6,0	10,3	9,5	9,6
Kirovohrad	133,7	80,4	70,3	75,1	75,8	72,2	5,4	3,3	2,9	3,1	3,1	2,9
Luhansk	670,5	529,2	593,6	662,5	592,3	599,2	25,1	19,8	22,2	24,8	22,2	22,4
Lviv	239,6	192,9	187,6	266,8	253,4	246,3	11,0	8,8	8,6	12,2	11,6	11,3
Mykolayiv	85,3	54,2	71,4	89,6	85,8	83,2	3,5	2,2	2,9	3,6	3,5	3,4
Odesa	127,1	113,5	141,1	192,2	175,1	181,2	3,8	3,4	4,2	5,8	5,3	5,4
Poltava	233,6	151,9	161,1	202,2	183,5	172,7	8,1	5,3	5,6	7,0	6,4	6,0
Rivne	64,6	49,7	60,9	61,5	52,8	56,2	3,2	2,5	3,0	3,1	2,6	2,8
Sumy	100,3	81,1	78,1	87,4	83,4	88,9	4,2	3,4	3,3	3,7	3,5	3,7
Ternopil	65,3	43,3	47,7	64,8	61,1	63,9	4,7	3,1	3,5	4,7	4,4	4,6
Kharkiv	367,4	268,6	301,6	310,4	266,1	281,4	11,7	8,6	9,6	9,9	8,5	9,0
Kherson	89,4	64,3	62,6	84,0	80,4	74,2	3,1	2,3	2,2	2,9	2,8	2,6
Khmelnytskiy	111,4	70,0	52,5	92,1	81,5	83,8	5,4	3,4	2,5	4,5	4,0	4,1
Cherkasy	132,9	93,1	95,5	124,0	133,9	138,6	6,4	4,5	4,6	5,9	6,4	6,6
Chernivtsi	35,0	35,1	33,6	43,3	43,0	44,6	4,3	4,3	4,1	5,3	5,3	5,5
Chernihiv	102,0	64,2	83,4	98,1	93,9	96,7	3,2	2,0	2,6	3,1	2,9	3,0
cities												
Kyiv	123,1	170,4	220,5	275,2	277,9	265,3	153,9	213,0	275,6	344,0	347,4	331,6
Sevastopol	14,7	19,6	25,8	20,6	20,4	20,9	16,3	21,8	28,7	22,9	22,7	23,2

[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 2008 – manufacturing technics

24.12. Stationary pollutant emissions and carbon dioxide into the atmosphere in 2010, 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	**9312**	**4131,6**	**105,2**	**165041,8**	**108,0**
Agriculture, hunting and related services	955	71,0	115,7	718,1	124,1
Forestry and related services	124	2,2	103,8	30,3	120,8
Fishing	13	0,1	56,9	0,2	12,6
Mining	513	851,7	103,3	2421,6	106,8
mining of fuel and energy minerals	265	738,1	100,3	2115,9	106,6
mining operations apart from fuel and energy minerals	248	113,6	127,7	305,7	107,7
Manufacturing	3573	1347,5	114,4	59130,8	110,7
including					
production of foodstuffs, beverages and tobacco products	1136	32,5	106,0	2468,9	104,1
production of coke and refined petroleum products	42	87,8	98,8	6075,3	102,9
chemical and petrochemical industry	170	63,7	133,4	5777,5	140,2
production of other non-metallic mineral products	522	52,1	103,9	3543,1	84,1
metallurgy and production of finished metal products	309	1076,8	116,2	39234,8	114,2
manufacture of machinery and equipment	426	9,2	108,3	419,1	96,0
Production and distribution of electricity, gas and water	680	1601,9	100,3	95778,9	107,2
Construction	624	25,4	112,4	669,6	95,0
Transport and communications	997	195,8	96,4	5588,0	101,0
including surface transport	328	181,2	96,7	4986,9	99,0
Other types of economic activity	1833	36,0	102,6	704,3	71,0

24.13. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**9439,1**	**5687,0**	**3959,4**	**4087,8**	**4151,9**	**4464,1**	**4822,2**	**4813,3**	**4524,9**	**3928,1**	**4131,6**
Autonomous Republic of Crimea	**315,9**	**83,7**	**33,5**	**42,2**	**35,1**	**35,1**	**34,2**	**33,8**	**31,1**	**26,4**	**32,3**
of which											
Simferopol	12,0	4,2	2,0	1,8	1,7	2,1	1,9	2,0	1,8	2,2	2,1
Armyansk	0,1	10,1	6,1	7,4	9,8	9,7	9,7	10,1	9,4	7,3	12,1
Kerch	223,2	51,4	10,6	5,7	4,4	2,5	2,4	2,4	1,8	1,6	1,9
Krasnoperekopsk	50,1	9,0	8,6	8,7	9,9	10,8	10,0	9,3	9,8	6,9	7,9
Yalta	1,5	1,2	0,8	1,1	1,1	1,3	0,8	0,7	0,6	0,5	0,4
oblasts											
Vinnytsya	**180,2**	**127,0**	**80,1**	**59,4**	**76,8**	**107,4**	**135,4**	**152,4**	**130,3**	**114,3**	**103,0**
of which											
Vinnytsya city	10,7	4,6	2,1	2,2	3,2	5,1	5,0	4,8	4,2	4,3	3,4
Ladyzhyn	…	…	62,9	45,3	60,2	87,1	115,3	132,0	105,3	91,6	74,8
Volyn	**33,9**	**15,3**	**10,3**	**6,6**	**8,5**	**10,1**	**12,2**	**11,5**	**10,0**	**7,6**	**8,2**
of which											
Lutsk	6,2	2,9	2,1	1,6	1,6	1,8	1,9	1,5	1,0	0,8	1,0
Novovolynsk	…	…	2,8	0,5	0,6	0,7	0,6	0,6	0,4	0,3	0,2
Kovel	…	…	1,7	0,4	0,6	1,1	3,6	5,0	4,2	3,6	3,5
Dnipropetrovsk	**2170,1**	**1031,2**	**783,6**	**834,0**	**873,9**	**993,7**	**1101,1**	**1119,0**	**952,3**	**792,1**	**933,1**
of which											
Dnipropetrovsk city	254,1	177,1	97,3	115,5	111,1	128,8	127,1	122,8	120,3	105,6	110,0
Dnieprodzerzhynsk	268,2	84,6	105,0	128,4	127,1	126,1	128,1	120,7	110,3	110,8	108,5
Zelenodolsk	…	…	79,4	76,0	89,7	108,6	150,4	142,6	146,0	133,6	173,4
Kryviy Rih	1041,7	454,7	443,4	425,2	446,0	523,9	577,5	608,5	449,4	321,6	395,0
Nikopol	68,2	38,8	28,4	18,9	25,2	24,6	28,1	32,2	25,3	20,0	26,2
Donetsk	**2539,2**	**2136,5**	**1590,0**	**1576,8**	**1598,3**	**1638,1**	**1659,7**	**1653,4**	**1533,4**	**1299,8**	**1378,1**
of which											
Donetsk city	171,0	298,7	197,9	161,1	197,5	168,9	140,0	125,9	101,7	80,3	80,2
Avdyivka	57,1	35,2	37,4	32,9	31,9	23,8	19,6	21,2	18,3	12,4	14,7
Vuhledar	…	…	23,2	19,9	34,6	31,8	33,0	30,9	28,1	27,1	25,9
Horlivka	79,4	130,6	50,4	48,1	39,7	45,6	44,2	37,4	27,9	26,5	28,4
Debaltseve	231,7	149,9	108,6	117,8	98,9	95,5	120,1	101,9	114,9	119,2	112,8
of which											
Svitlodarske	…	…	94,3	112,1	93,9	90,6	110,9	87,7	100,2	109,3	104,2
Dzerzhynsk	15,2	32,6	31,6	24,4	21,8	20,1	18,3	15,0	13,2	11,4	10,8
Dobropillya	…	…	8,6	11,9	43,8	34,1	42,8	45,2	55,4	37,1	39,5
Yenakiyeve	125,4	174,0	74,8	78,2	78,7	66,1	62,9	65,1	74,6	69,8	67,4
Zuhres	…	…	70,8	52,2	35,0	61,3	77,6	83,6	66,3	67,7	70,8
Kirovske	…	…	35,6	21,0	14,6	57,1	61,9	57,1	64,3	57,8	50,0
Kurahove	…	…	117,2	104,2	90,5	103,4	139,1	160,2	162,8	121,9	123,9
Krasnoarmiysk	…	…	21,7	39,4	39,8	38,3	41,0	29,5	33,2	18,9	33,3
Makyivka	305,2	121,2	103,7	112,3	119,4	124,8	123,5	131,5	110,1	64,8	58,1
Mariupol	610,2	340,4	340,4	401,6	418,9	425,7	397,3	421,1	359,3	283,9	364,3
Novy Svit	…	…	121,8	134,2	105,6	123,7	117,1	108,6	98,1	104,8	109,9
Novoamvrosiyvske	…	…	0,6	1,8	11,0	6,7	9,4	12,4	12,4	3,5	3,3
Rayhorodok	…	…	32,4	44,0	48,4	48,9	49,2	45,0	36,5	43,8	48,8
Rodynske	…	…	20,6	38,1	38,7	37,1	40,1	28,9	32,7	18,5	32,9
Slovyansk	84,0	69,7	2,0	1,6	2,1	2,5	2,2	2,0	1,9	1,8	1,6
Khartsyzk	…	…	88,4	67,6	43,3	68,9	84,3	91,4	73,3	73,0	75,4
Zhytomyr	**84,8**	**30,6**	**12,3**	**16,0**	**19,7**	**13,4**	**15,6**	**19,2**	**19,1**	**18,6**	**18,4**
of which											
Zhytomyr city	11,1	3,7	2,1	4,2	3,3	3,0	1,9	1,8	1,7	1,5	0,9
Berdychiv	…	…	1,5	2,1	2,7	2,2	3,9	5,8	6,1	5,4	5,6
Korosten	…	…	1,2	1,0	1,0	0,8	0,8	0,6	0,6	0,6	0,5

Table 24.13 continued

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Zakarpattya	**38,2**	**13,2**	**7,7**	**12,5**	**9,6**	**26,6**	**25,6**	**22,9**	**23,2**	**21,4**	**17,4**
of which											
Uzhgorod	2,2	0,8	0,7	0,9	0,7	3,1	3,2	2,9	1,7	1,4	0,4
Vynohradiv	…	…	0,2	0,2	0,1	0,0	3,0	3,0	3,0	3,0	2,6
Volovets	…	…	1,0	1,6	2,1	2,0	1,8	1,8	1,6	1,1	0,5
Zaporizhzhya	**587,5**	**268,8**	**231,2**	**235,8**	**230,5**	**262,0**	**258,1**	**231,6**	**218,3**	**180,8**	**217,5**
of which											
Zaporizhzhya city	246,3	143,4	135,5	130,5	151,9	153,9	149,5	147,5	130,4	94,3	109,6
Enerhodar	273,3	101,0	80,8	91,4	66,8	98,4	98,1	75,5	80,6	79,2	100,3
Ivano-Frankivsk	**403,3**	**271,7**	**141,0**	**181,3**	**176,6**	**204,2**	**269,3**	**269,9**	**241,7**	**214,5**	**169,2**
of which											
Ivano-Frankivsk city	5,6	2,7	0,8	0,7	0,7	0,7	0,6	0,6	0,7	0,5	0,5
Burshtyn	308,1	220,0	118,9	153,5	150,1	176,5	238,5	246,1	218,3	191,2	146,8
Kyiv	**219,9**	**122,6**	**80,8**	**75,3**	**78,8**	**73,0**	**108,3**	**93,3**	**107,4**	**101,9**	**106,8**
of which											
Bohuslav	…	…	0,1	0,2	3,0	3,3	3,0	1,9	2,0	1,7	1,9
Boyarka	…	…	0,1	0,4	1,2	0,4	8,0	7,1	8,0	6,4	5,4
Bila Tserkva	25,4	5,1	3,0	2,5	2,7	2,3	2,2	1,7	2,1	3,0	1,2
Ukrayinka	…	…	64,5	58,9	59,3	53,2	74,6	65,8	79,3	76,9	82,8
Yagotyn	…	…	2,5	2,4	2,6	2,2	7,5	6,5	6,0	5,4	8,8
Kirovohrad	**171,7**	**84,3**	**44,7**	**28,8**	**29,4**	**33,0**	**22,6**	**20,2**	**14,2**	**18,2**	**14,8**
of which											
Kirovohrad	23,4	3,6	2,2	2,6	2,9	2,4	2,9	3,1	2,9	2,1	2,2
Oleksandriya	102,4	51,8	32,1	16,1	11,6	12,5	6,7	5,8	0,2	0,3	0,2
of which											
Dymytrove	…	…	23,5	12,6	8,4	9,7	5,5	5,6	0,0	0,0	0,0
Luhansk	**862,3**	**578,1**	**429,0**	**479,1**	**453,0**	**474,7**	**517,1**	**542,7**	**566,3**	**506,6**	**511,7**
of which											
Luhansk city	204,4	79,5	144,2	138,3	112,0	118,8	140,8	150,6	175,8	150,4	160,7
of which Schastya	…	…	140,4	132,2	104,4	112,9	131,8	140,2	168,2	145,5	155,7
Alchevsk	…	…	78,7	92,7	108,1	104,8	102,2	115,9	101,3	97,8	89,3
Krasniy Luch	31,0	41,5	20,1	15,1	16,8	16,7	14,1	19,2	25,5	7,0	5,5
Krasnodon	…	…	26,0	76,0	58,8	73,0	93,0	90,5	94,0	13,4	14,6
of which											
Sukhodilsk	…	…	9,9	49,1	23,9	40,3	55,8	58,3	66,8	12,1	13,3
Lysychansk	129,1	42,6	32,1	36,8	40,3	45,1	40,2	37,9	37,1	34,5	31,1
Perevalsk	…	…	10,7	8,9	6,6	6,1	5,9	5,8	6,5	6,5	6,4
Samsonivka	…	…	5,2	14,8	12,9	13,5	18,1	28,9	35,1	45,4	51,4
Stakhanov	76,1	45,5	19,7	21,0	26,3	29,2	26,9	28,7	26,7	18,5	23,9
Lviv	**271,9**	**124,6**	**108,6**	**96,1**	**89,9**	**95,8**	**110,6**	**110,5**	**126,4**	**121,0**	**113,2**
of which											
Lviv city	13,5	5,8	3,1	3,5	2,9	2,8	2,2	2,2	1,9	1,8	2,0
Dobrotvir	…	…	73,0	53,2	46,9	51,5	59,8	52,6	59,1	48,0	39,3
Mykolayiv	**98,6**	**34,6**	**11,4**	**15,4**	**22,2**	**24,3**	**21,2**	**22,6**	**25,8**	**24,4**	**21,5**
of which											
Mykolayiv city	38,1	15,2	5,7	6,3	6,6	6,5	6,5	6,1	7,0	9,1	5,9
Olshanske	…	…	2,3	3,6	4,7	6,0	5,9	6,9	9,7	7,0	6,9
Odesa	**129,0**	**42,9**	**23,2**	**26,4**	**29,2**	**40,5**	**42,0**	**35,8**	**34,4**	**25,9**	**29,2**
of which											
Odesa city	80,6	19,1	9,4	7,7	9,9	21,1	21,8	17,5	17,6	12,4	14,4
Berezivka	…	…	0,3	0,1	1,3	1,8	2,1	1,9	1,3	0,4	0,3
Illichivsk	…	…	1,2	0,7	0,5	1,4	2,2	1,7	0,5	1,1	1,1

Table 24.13 continued

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Kotovsk	…	…	2,1	1,5	1,4	1,3	1,1	0,7	0,7	0,9	1,1
Yuzhne	…	…	2,2	2,2	2,5	2,8	2,9	2,7	2,6	2,0	2,7
Poltava	**220,7**	**126,2**	**60,4**	**68,0**	**72,4**	**68,4**	**93,1**	**100,2**	**93,4**	**82,4**	**72,8**
of which											
Poltava city	9,3	5,4	2,9	3,5	2,5	2,4	2,5	2,5	2,1	2,0	1,8
Komsomolsk	…	…	7,1	7,1	9,1	9,6	9,9	9,9	9,8	9,9	11,3
Kremenchuk	151,4	70,6	24,9	31,2	33,4	28,7	28,9	28,0	24,7	25,2	18,7
Rivne	**63,5**	**25,3**	**14,1**	**16,8**	**15,8**	**17,3**	**17,9**	**18,5**	**16,2**	**10,0**	**12,9**
of which											
Rivne city	12,0	5,1	4,2	3,9	3,5	3,3	3,9	4,4	3,5	2,1	4,5
Zdolbuniv	…	…	2,8	4,2	5,0	5,5	4,5	4,6	4,2	2,3	2,7
Sumy	**117,8**	**42,5**	**26,3**	**27,8**	**30,2**	**26,1**	**28,4**	**29,1**	**29,7**	**29,2**	**31,7**
of which											
Sumy city	20,5	6,3	8,0	7,8	8,5	8,6	8,1	9,3	9,5	9,4	10,4
Konotop	18,7	2,6	1,4	1,1	0,9	0,7	0,6	0,5	0,4	0,3	0,3
Shostka	14,1	2,6	1,4	1,5	0,6	0,5	0,3	0,4	0,4	0,4	0,4
Ternopil	**71,6**	**21,9**	**9,2**	**10,3**	**12,6**	**14,8**	**19,4**	**20,5**	**19,2**	**16,3**	**18,5**
of which											
Ternopil city	8,7	3,2	1,1	1,0	0,8	0,8	0,8	0,8	0,7	0,6	0,6
Velyki Birky	…	…	0,6	0,5	0,8	2,3	7,2	7,5	7,6	6,9	10,7
Kremenets	…	…	0,9	0,8	0,5	0,5	0,6	1,6	1,4	0,9	0,9
Kharkiv	**355,9**	**241,2**	**143,7**	**148,3**	**148,0**	**158,7**	**182,4**	**160,1**	**173,1**	**139,4**	**151,9**
of which											
Kharkiv city	52,8	50,6	20,6	10,7	6,9	6,9	6,7	6,2	6,0	4,7	4,9
Balakliya	…	…	4,6	5,9	7,0	9,1	9,1	12,1	11,7	1,1	0,7
Komsomolske	…	…	95,2	99,3	84,8	104,4	123,6	98,8	115,5	95,1	108,1
Chervoniy Donets	…	…	8,2	3,9	8,1	4,0	5,1	7,5	4,9	6,5	3,5
Kherson	**74,7**	**37,5**	**11,6**	**9,3**	**8,7**	**11,0**	**14,8**	**9,4**	**11,9**	**9,4**	**5,3**
of which											
Kherson city	51,2	24,8	8,0	6,9	6,5	9,2	13,1	7,8	10,5	8,1	3,5
Khmelnytskiy	**125,2**	**54,4**	**18,4**	**18,0**	**16,9**	**16,0**	**17,9**	**23,4**	**24,5**	**17,8**	**19,1**
of which											
Khmelnytskiy city	7,9	5,6	2,9	2,0	1,3	1,2	1,1	1,1	1,1	0,8	1,0
Humensi	…	…	2,2	5,3	6,2	7,2	7,1	12,6	14,3	8,6	9,4
Krasyliv	…	…	1,6	1,7	2,2	1,9	3,7	4,1	3,7	3,5	3,6
Slavuta	…	…	1,9	2,1	1,3	1,2	1,0	0,7	0,7	0,3	0,3
Starokostyantyniv	…	…	0,8	0,5	0,3	0,3	0,5	0,4	0,6	0,5	0,5
Cherkasy	**129,7**	**63,6**	**28,8**	**36,7**	**34,8**	**39,4**	**40,2**	**38,8**	**43,2**	**56,1**	**61,2**
of which											
Cherkasy city	31,5	22,8	16,8	20,8	17,3	21,4	19,1	18,4	19,5	31,7	32,3
Smila	…	…	1,3	1,7	1,2	1,8	1,5	0,7	0,5	0,4	0,3
Talne	…	…	0,8	0,9	1,5	2,2	2,1	1,8	1,6	0,7	0,9
Chernivtsi	**25,9**	**10,3**	**4,1**	**6,0**	**4,8**	**5,2**	**4,2**	**4,4**	**3,9**	**3,4**	**3,8**
of which											
Chernivtsi city	9,7	2,8	1,4	1,8	1,6	1,4	1,4	1,2	1,1	1,2	1,3
Chernihiv	**81,6**	**38,8**	**20,2**	**26,1**	**37,9**	**37,5**	**40,2**	**39,0**	**44,4**	**43,0**	**47,4**
of which											
Chernihiv city	29,4	9,2	8,0	13,4	17,0	12,3	13,2	13,0	18,1	19,2	19,8
Nizhyn	…	…	1,2	1,5	1,4	1,6	1,4	1,1	1,2	1,0	1,0
Olyshivka	…	…	1,3	1,5	1,3	1,6	3,4	4,3	4,5	3,6	3,3
cities											
Kyiv	**54,7**	**53,3**	**32,6**	**31,6**	**34,8**	**33,6**	**26,4**	**26,5**	**27,0**	**43,9**	**28,6**
Sevastopol	**11,3**	**6,9**	**2,6**	**3,2**	**3,5**	**4,2**	**4,3**	**4,6**	**4,5**	**3,7**	**4,0**

24.14. Pollutant emissions and carbon dioxide into the atmosphere from movable sources of pollution in 2010, by region[1]

(thsd.t)

	Total pollutant emissions	Including							Besides emission of carbon dioxide, mln.t
		sulfur dioxude	nitrogen peroxide	methane	carbon oxide	nitrogen oxide	soot	nonmethane volatile organic compounds	
Ukraine	**2546,4**	**28,9**	**293,2**	**8,2**	**1888,1**	**2,1**	**32,4**	**293,3**	**33,2**
Autonomous Republic of Crimea	109,1	1,0	11,4	0,3	82,2	0,1	1,1	13,0	1,3
oblasts									
Vinnytsya	82,1	1,0	9,9	0,3	60,5	0,1	1,1	9,2	1,1
Volyn	49,0	0,7	6,7	0,1	35,4	0,0	0,9	5,2	0,7
Dnipropetrovsk	207,4	2,8	26,0	0,7	150,5	0,2	3,2	24,0	3,0
Donetsk	211,8	2,2	24,2	0,7	158,3	0,2	2,3	23,9	2,5
Zhytomyr	69,1	0,7	7,5	0,2	52,0	0,1	0,8	7,8	0,8
Zakarpattya	69,7	0,8	7,6	0,2	52,0	0,1	1,1	7,9	0,9
Zaporizhzhya	108,6	1,2	11,9	0,4	81,1	0,1	1,2	12,7	1,4
Ivano-Frankivsk	55,7	0,6	6,0	0,2	41,7	0,0	0,8	6,4	0,7
Kyiv	162,2	1,7	16,8	0,5	121,9	0,1	1,8	19,4	2,4
Kirovohrad	57,4	0,7	6,8	0,2	42,4	0,1	0,7	6,5	0,8
Luhansk	87,5	0,8	9,2	0,3	66,2	0,1	0,8	10,1	1,0
Lviv	133,1	1,7	15,7	0,4	98,2	0,1	2,1	14,9	1,8
Mykolayiv	61,7	0,9	9,0	0,2	43,8	0,1	1,0	6,7	0,9
Odesa	152,0	1,9	19,9	0,5	109,8	0,2	2,2	17,5	2,1
Poltava	99,9	1,6	14,9	0,3	70,7	0,0	1,7	10,7	1,5
Rivne	43,3	0,6	5,8	0,1	31,3	0,1	0,8	4,6	0,7
Sumy	57,2	0,6	6,2	0,2	43,3	0,0	0,5	6,4	0,6
Ternopil	45,4	0,6	5,9	0,2	33,0	0,0	0,7	5,0	0,6
Kharkiv	129,5	1,3	14,0	0,4	97,5	0,1	1,3	14,9	1,5
Kherson	68,9	0,8	8,4	0,2	50,6	0,1	0,9	7,9	0,9
Khmelnytskiy	64,7	0,8	7,7	0,2	47,7	0,0	0,9	7,3	0,9
Cherkasy	77,4	0,9	9,3	0,2	57,2	0,0	1,0	8,8	1,0
Chernivtsi	40,8	0,5	4,8	0,2	30,2	0,0	0,6	4,5	0,5
Chernihiv	49,3	0,5	5,1	0,1	37,4	0,0	0,5	5,7	0,6
cities									
Kyiv	236,7	1,9	21,0	0,8	180,3	0,2	2,2	30,2	2,8
Sevastopol	16,9	0,1	1,5	0,1	12,9	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 2010, by region

(thsd.t)

	Total pollutant emissions	Including							Besides emission of carbon dioxide, mln.t
		sulfur dioxude	nitrogen peroxide	methane	carbon oxide	nitrogen oxide	soot	nonmethane volatile organic compounds	
Ukraine	**4131,6**	**1206,3**	**310,5**	**844,8**	**1063,8**	**6,8**	**6,5**	**66,0**	**165,0**
Autonomous Republic of Crimea	32,3	11,4	2,4	2,9	8,2	0,7	0,1	1,3	1,4
oblasts									
Vinnytsya	103,0	64,0	7,8	17,5	4,0	0,1	0,3	0,9	4,9
Volyn	8,2	0,5	0,7	3,8	1,4	0,1	0,0	0,5	0,6
Dnipropetrovsk	933,1	231,9	54,3	102,7	392,8	0,6	1,0	3,0	18,8
Donetsk	1378,1	373,4	77,8	325,9	382,5	1,8	1,6	4,0	59,0
Zhytomyr	18,4	0,6	1,7	10,0	1,3	0,1	0,2	0,8	0,8
Zakarpattya	17,4	0,0	1,0	14,6	1,1	0,0	0,1	0,2	0,2
Zaporizhzhya	217,5	72,4	36,3	3,6	82,2	0,3	0,1	2,1	13,6
Ivano-Frankivsk	169,2	121,8	10,8	12,2	2,9	0,5	0,0	2,9	7,2
Kyiv	106,8	50,2	15,7	14,5	3,1	0,2	0,1	1,5	8,4
Kirovohrad	14,8	1,3	1,6	1,2	5,1	0,1	0,1	0,7	0,8
Luhansk	511,7	131,1	28,1	160,7	121,6	0,1	0,2	10,8	10,8
Lviv	113,2	31,6	5,9	54,5	5,5	0,1	0,1	3,5	2,2
Mykolayiv	21,5	1,1	2,2	4,3	1,6	0,2	0,4	0,9	1,7
Odesa	29,2	1,6	3,1	13,3	4,8	0,0	0,1	2,8	3,4
Poltava	72,8	2,4	10,8	23,3	12,8	0,1	0,5	13,9	2,3
Rivne	12,9	1,0	3,0	0,4	3,5	0,9	0,1	0,7	1,0
Sumy	31,7	3,6	3,4	9,8	6,7	0,0	0,5	2,4	1,6
Ternopil	18,5	0,2	1,5	12,0	2,2	0,1	0,0	0,5	0,8
Kharkiv	151,9	70,5	13,7	17,0	6,6	0,1	0,3	3,3	10,4
Kherson	5,3	0,2	0,4	2,1	0,4	0,2	0,1	1,0	0,4
Khmelnytskiy	19,1	0,7	4,4	2,7	3,3	0,1	0,4	0,8	2,1
Cherkasy	61,2	14,2	8,9	15,6	3,9	0,1	0,1	1,3	3,2
Chernivtsi	3,8	0,6	0,3	0,8	0,6	0,1	0,1	0,7	0,2
Chernihiv	47,4	11,9	4,2	18,4	2,6	0,0	0,0	1,7	1,9
cities									
Kyiv	28,6	7,6	9,8	0,6	2,8	0,0	0,0	3,5	7,0
Sevastopol	4,0	0,5	0,7	0,4	0,3	0,2	0,0	0,3	0,3

24.16. Implementation of air protection measures in 2010

	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	**486**	**587,4**	**618,4**	**79,4**	**79,5**
including					
improvements to technological processes (including change over to other types of fuels, raw materials, etc.)	76	191,6	208,8	18,7	18,9
construction and new gas-cleaning installations and facilities put into services	36	166,9	176,2	0,5	0,5
improvements to efficiency of current waste treatment facilities (including their modernisation, reconstruction, and repair)	189	75,1	72,2	14,6	14,6
liquidation of pollution sources	30	32,4	32,2	5,1	4,8
conversion of enterprises (shops, sectors) in order to produce other products	—	—	—	—	—
other measures	155	121,4	129,0	40,5	40,7

WASTES

24.17. Basic indicators for the generation and treatment of wastes[1]

(thsd.t)

	2000	2003	2004	2005	2006	2007	2008	2009	2010	
									1st-4th hazard category	including 1st-3rd hazard category
Generation	2613,2	2436,8	2420,3	2411,8	2370,9	2585,2	2301,2	1230,3	419191,7	1659,8
Received from the outside	56,4	143,0	196,8	172,3	156,1	129,9	204,6	64,9	30019,2	259,6
of which from other countries	…	…	…	6,3	2,0	1,3	1,5	0,5	4,1	0,0
Utilize	1376,2	1184,2	840,1	863,4	847,9	1031,2	918,9	825,9	145710,7	642,4
Burned off	…	…	…	71,4	62,1	39,6	32,2	15,8	1058,6	16,5
Transferred to the outside	646,2	2591,7	3306,3	2382,0	1879,6	1329,3	648,4	557,6	42100,8	1011,8
of which to other countries	…	…	…	32,3	14,2	20,0	5,9	4,1	281,3	26,6
Removed to special sites or facilities	760,6	931,7	1102,8	948,5	1057,0	990,6	1066,3	333,2	336952,2	306,3
Removed to non-organised storage sites	13,2	8,1	13,4	1,8	1,9	1,4	4,8	0,8	860,9	0,4
Lost (vaporization, drain, fires, etc.)	…	…	…	106,6	12,7	24,2	0,5	0,5	1367,6	188,2
Stock, end of year, mln.t	26,2	31,3	28,3	21,7	20,1	20,1	21,0	20,9	13267,5	20,6
per 1 sq.km, t	43,5	51,9	47,0	35,9	33,3	33,4	34,8	34,6	21984,2	34,1

[1] Before 2009, data after wastes of 1st–3rd hazard category, since 2010, data after wastes of 1st–4th hazard category

24.18. Generation of wastes, by hazard category

(thsd.t)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**2613,2**	**2436,8**	**2420,3**	**2411,8**	**2370,9**	**2585,2**	**2301,2**	**1230,3**	**419191,7**
including									
1st hazard category	13,9	8,9	5,9	12,6	15,0	12,8	10,7	3,8	5,0
2nd hazard category	176,0	488,0	298,5	320,8	414,0	430,7	367,2	299,1	506,5
3rd hazard category	2423,4	1939,9	2115,9	2078,4	1941,9	2141,7	1923,3	927,4	1148,3
4th hazard category	…	…	…	…	…	…	…	…	417531,9

24.19. Stock of wastes, by hazard category

(end of year; thsd.t)

	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**26244,1**	**31304,0**	**28349,0**	**21674,0**	**20121,5**	**20131,8**	**21017,2**	**20852,3**	**13267452,0**
including									
1st hazard category	149,1	42,4	42,2	38,6	39,0	36,2	34,7	35,5	25,7
2nd hazard category	1685,2	1936,1	2043,8	1846,9	1886,2	2108,7	2164,8	2289,5	2270,7
3rd hazard category	24409,8	29325,5	26263,0	19788,5	18196,3	17986,9	18817,7	18527,3	18291,3
4th hazard category	…	…	…	…	…	…	…	…	13246864,3

24.20. Wastes generation in 2010, by material

	Thsd.t	Percentage of the total
Total	**419191,7**	**100,0**
Used solvents	10,2	0,0
Wastes of acids, alkalis or salts	886,6	0,2
Used oils	55,6	0,0
Used chemical catalysts	1,8	0,0
Waste products of chemical preparations	10,3	0,0
Chemical sediments and residues	3120,5	0,7
Industrial drains sediments	3358,6	0,8
Waste products from medical service and biology	2,2	0,0
Metal wastes	6009,8	1,4
Glass wastes	33,2	0,0
Paper and cardboard wastes	142,6	0,0
Rubber wastes	43,5	0,0
Plastic wastes	48,0	0,0
Wood wastes	885,2	0,2
Textile wastes	23,8	0,0
Waste products containing polychlorinated biphenyl	1,0	0,0
Unusable equipment	66,2	0,0
Unusable vehicles	34,2	0,0
Waste products of accumulators and batteries	12,9	0,0
Animal and plant wastes	15424,2	3,7
Animal wastes received at manufacturing of food preparations and products	258,1	0,1
Animal excrement, urine and pus	3796,9	0,9
Household and similar wastes	2959,3	0,7
Mixed and undifferentiated materials	7862,8	1,9
Sorting residues	306,0	0,1
Conventional sediments	43426,3	10,4
Dead rock from dredging	41774,8	10,0
Mineral wastes	333758,3	79,6
Combustion wastes	25967,6	6,2
Polluted soil and dead rock from dredging	576,6	0,1
Hardened, stabilized or glazed wastes	755,7	0,2

24.21. Generation of wastes, by region[1]

(thsd.t)

	2000	2003	2004	2005	2006	2007	2008	2009	2010	
									1st-4th hazard category	including 1st-3rd hazard category
Ukraine	**2613,2**	**2436,8**	**2420,3**	**2411,8**	**2370,9**	**2585,2**	**2301,2**	**1230,3**	**419191,7**	**1659,8**
Autonomous Republic of Crimea	67,9	80,1	110,7	126,3	180,3	216,6	219,0	211,2	2893,2	268,5
oblasts										
Vinnytsya	0,5	0,5	0,5	4,1	8,4	5,8	4,1	2,5	1834,6	0,7
Volyn	0,3	1,1	0,7	1,1	0,9	1,0	1,2	0,8	633,0	0,7
Dnipropetrovsk	980,8	250,2	309,0	296,8	303,7	403,2	306,3	241,9	282128,6	259,9
Donetsk	110,7	914,1	1025,6	675,5	700,3	807,1	642,5	188,7	56381,3	221,8
Zhytomyr	0,2	0,3	0,4	6,5	5,1	5,6	4,6	4,7	565,0	5,1
Zakarpattya	6,3	1,2	1,9	191,3	21,1	6,2	3,6	1,1	169,5	8,0
Zaporizhzhya	375,9	318,3	405,9	430,0	428,9	394,7	380,4	75,5	5537,8	41,9
Ivano-Frankivsk	15,4	15,0	17,5	20,5	12,4	9,8	7,0	4,2	1097,9	3,4
Kyiv	0,6	15,7	12,7	9,1	8,8	7,4	9,0	3,3	2932,1	7,1
Kirovohrad	0,5	0,3	0,3	0,7	2,7	3,1	2,7	2,8	29058,6	6,2
Luhansk	150,4	423,6	118,5	120,7	62,9	79,2	27,9	20,1	15717,8	23,6
Lviv	1,1	2,2	1,1	0,8	3,7	2,9	1,4	1,5	2485,3	2,0
Mykolayiv	455,2	215,5	196,2	197,3	238,1	211,5	203,0	201,0	3126,9	188,8
Odesa	12,0	32,4	15,2	5,5	6,2	7,2	8,0	5,9	514,0	7,5
Poltava	39,4	22,5	34,9	70,8	108,7	145,6	183,3	63,9	4436,4	215,6
Rivne	3,7	4,0	5,9	7,0	5,2	3,5	1,5	1,4	649,7	3,4
Sumy	101,6	91,6	124,5	135,7	133,6	123,8	150,3	69,1	889,6	115,4
Ternopil	0,4	0,4	0,3	0,4	0,3	0,3	0,3	11,1	1054,3	12,3
Kharkiv	261,2	21,8	19,7	66,4	81,1	91,3	83,2	75,6	2643,5	153,7
Kherson	1,9	7,2	2,5	18,0	27,6	28,6	30,3	32,9	439,1	86,1
Khmelnytskiy	0,2	0,3	0,3	1,0	1,2	1,8	1,7	1,0	1243,1	1,2
Cherkasy	3,0	6,1	6,8	8,2	7,5	5,6	9,1	2,5	1526,7	7,1
Chernivtsi	0,1	0,1	0,1	0,5	0,2	0,2	0,2	0,1	141,8	0,1
Chernihiv	18,3	7,9	5,8	9,0	12,4	9,0	9,0	1,6	366,6	3,5
cities										
Kyiv	4,7	3,8	3,0	7,4	8,9	13,5	10,9	5,4	608,9	14,0
Sevastopol	0,9	0,6	0,3	1,2	0,7	0,7	0,7	0,5	116,4	2,2

[1] See the footnote to Table 24.17

24.22. Stock of wastes, by region[1]

(end of the year, thsd.t)

	2000	2003	2004	2005	2006	2007	2008	2009	2010	
									1st-4th category	including 1st-3rd category
Ukraine	**26244,1**	**31304,0**	**28349,0**	**21674,0**	**20121,5**	**20131,8**	**21017,2**	**20852,3**	**13267452,0**	**20587,7**
Autonomous Republic of Crimea	636,7	765,7	856,6	966,5	1129,5	1326,7	1528,7	1722,5	47464,7	1899,8
oblasts										
Vinnytsya	5,5	3,7	0,9	1,2	0,8	0,5	0,3	0,3	25951,6	0,3
Volyn	0,4	0,8	0,6	0,7	0,7	1,3	1,7	1,5	17061,5	1,5
Dnipropetrovsk	9114,9	1022,9	957,7	951,3	943,4	946,3	932,3	833,2	9160120,2	467,0
Donetsk	2156,2	17418,5	14171,6	7270,1	6347,6	6182,8	6515,2	6331,8	2537181,7	6335,5
Zhytomyr	0,9	1,3	1,0	20,4	24,4	27,6	31,5	35,4	6296,6	40,3
Zakarpattya	0,6	0,6	0,2	392,3	4,1	0,5	0,5	0,4	865,8	0,4
Zaporizhzhya	6002,5	6328,7	6684,5	7477,1	7885,5	7844,1	8199,9	8259,0	147964,8	8280,2
Ivano-Frankivsk	640,6	51,6	50,3	48,9	51,2	55,0	56,8	64,5	35556,8	55,2
Kyiv	11,1	11,1	10,4	158,4	158,6	159,8	158,7	157,7	37039,0	348,2
Kirovohrad	14,8	14,7	14,7	15,2	16,0	15,2	15,3	15,3	235122,2	15,1
Luhansk	3440,3	1709,9	1741,0	1744,6	889,4	928,8	921,7	902,6	656910,6	901,6
Lviv	445,8	344,6	277,0	240,5	238,9	238,8	237,6	189,6	174543,8	37,5
Mykolayiv	1933,8	942,8	829,1	679,8	543,4	455,8	413,8	325,2	41147,8	115,9
Odesa	166,8	920,2	932,9	1,9	2,5	1,5	1,2	1,2	907,0	1,0
Poltava	23,0	18,6	37,8	3,7	9,4	11,5	14,6	15,5	15009,9	31,5
Rivne	4,6	8,3	9,3	9,9	10,4	12,3	12,5	12,6	8738,1	13,6
Sumy	1245,2	1497,7	1597,7	1661,4	1753,1	1812,0	1850,8	1855,6	28971,5	1884,1
Ternopil	0,3	0,5	0,2	0,1	0,1	0,2	0,1	0,1	462,3	0,1
Kharkiv	65,6	68,5	5,4	8,8	90,8	95,0	103,4	110,4	39253,7	127,0
Kherson	149,5	8,9	6,4	6,8	6,9	6,8	10,6	9,0	221,8	20,0
Khmelnytskiy	2,4	2,5	2,4	2,0	2,0	2,0	2,3	2,1	32302,6	4,6
Cherkasy	7,2	1,1	1,0	2,1	2,8	1,0	2,0	1,6	4175,8	1,2
Chernivtsi	0,2	0,1	0,1	0,1	0,1	0,1	0,1	0,1	1738,8	0,0
Chernihiv	3,3	5,9	5,1	6,6	6,5	3,1	2,6	3,3	8883,2	3,6
cities										
Kyiv	171,4	154,3	154,6	3,1	2,9	2,8	2,8	1,6	3553,8	1,4
Sevastopol	0,5	0,5	0,5	0,5	0,5	0,3	0,2	0,2	6,4	1,1

[1] See the footnote to Table 24.17

24.23. Capital investment and current costs for environmental protection

	1996	2000	2003	2004	2005	2006	2007	2008	2009	2010
Capital investment and current costs, mln. UAH	2698,5	3224,3	4508,9	5987,7	7089,2	7366,6	9691,0	12176,0	11073,5	13128,0
including capital investment	520,6	605,9	1146,9	1835,5	1775,6	2194,2	3080,7	3731,4	3040,7	2761,5
of which capital repair of environmental facilities	232,0	233,3	282,6	352,3	312,3	354,7	517,0	809,4	554,2	498,0
current costs	2177,9	2618,4	3362,0	4152,2	5313,6	5172,4	6610,3	8444,6	8032,8	10366,6
Costs index for environmental protection, percent of the previous year	…	119,5	117,8	132,8	118,4	103,9	131,6	125,6	90,9	118,6
Share of costs for environmental protection out of the Central budget funds, percent										
capital investment	7,5	7,9	29,1	12,9	8,5	10,3	9,7	19,0	20,5	8,7
current costs	1,3	1,3	2,0	2,1	2,1	1,8	2,2	2,4	4,1	2,7

24.24. Structure of capital investment for environmental protection, by purpose

(percent)

	1996	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**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	23,5	38,6	30,6	37,7	44,8	39,6	41,9	41,3
purification of waste waters[1]	50,9	52,3	47,4	41,4	41,4	30,5	26,3	24,8	29,0	26,5
waste treatment	14,8	2,8	6,0	6,1	10,5	16,9	12,6	11,3	13,2	17,2
protection and restoration of soils, surface and subsurface water	11,3	26,6	17,9	12,4	16,3	11,6	12,8	21,1	13,2	11,6
noise and vibration reduction	…	…	…	…	…	1,8	2,4	1,8	0,8	0,4
conservancy of biological diversity and habitat	0,3	0,5	0,6	0,7	0,6	0,3	0,6	0,9	1,1	0,7
radiation safety	…	…	…	…	…	0,2	0,0	0,2	0,2	0,1
researches on environmental protection	…	…	…	…	…	0,1	0,1	0,1	0,3	0,3
other purposes of environmental protection activity	0,5	0,8	4,6	0,8	0,6	0,9	0,4	0,2	0,3	1,9

[1] In 1996–2005 including capital investment on protection and water resources conservation

24.25. Structure of current costs for environmental protection, by purpose

(percent)

	1996	2000	2003	2004	2005	2006	2007	2008	2009	2010
Total	**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	13,2	14,6	16,5	14,4	17,3	16,0	12,9	12,7
purification of waste waters[1]	53,5	65,5	62,3	56,6	54,8	50,4	46,8	47,2	53,6	48,6
waste treatment	21,3	10,6	14,2	18,0	17,4	24,9	26,8	27,4	24,0	25,1
protection and restoration of soils, surface and subsurface water	4,1	8,8	7,3	7,5	8,2	3,0	3,4	3,4	3,0	4,6
noise and vibration reduction	…	…	…	…	…	0,2	0,0	0,3	0,0	0,0
conservancy of biological diversity and habitat	0,8	1,1	2,1	2,6	2,5	1,5	1,8	2,1	2,4	2,3
radiation safety	…	…	…	…	…	3,3	1,1	0,9	1,2	4,4
researches on environmental protection	…	…	…	…	…	0,4	0,5	0,6	0,6	0,5
other purposes of environmental protection activity	0,2	0,6	0,9	0,7	0,6	1,9	2,3	2,1	2,3	1,8

[1] 1996–2005 including current costs on protection and sustainable use of water resources

24.26. Selected capacities for environmental protection put into operation

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Sewage treatment facilities, thsd.cub.m per 24 hours (water-borne wastes)	343	131	74	56	171	37	225	86	414	31	110
including											
for industrial effluent	159	20	22	39	8	7	150	24	4	5	47
for municipal sewage	177	111	52	17	163	30	75	62	410	26	63
Reused water supply and waste systems, thsd.cub.m per 24 hours (reused water)	379	8693	20	4	0,1	24	6	—	2	1	14
Absorption gas traps, thsd.cub.m per hour	3710	1090	916	158	2137	670	2740	1910	—	184	500
Enterprises and grounds for recycling, neutralization and disposal of toxic industrial, household and other waste, thsd.t	—	7	56	—	2	375	51	325	—	3	11

24.27. Ecological payments

(mln. UAH)

	1996	2000	2003	2004	2005	2006	2007	2008	2009	2010
Duties presented to enterprises, organisations, establishment for environmental pollution	340,5	228,8	265,0	330,6	374,6	863,5	955,7	1065,3	1198,7	1361,2
including										
for emissions into the air pollutant emissions from stationary sources	264,9	112,8	120,6	160,2	189,3	453,5	501,5	563,1	634,6	716,8
for emissions into the air pollutant emissions from mobile sources	2,3	12,5	15,8	23,5	23,9	48,4	57,2	64,0	67,6	79,1
for pollutant emissions directly into waters	30,8	29,9	29,2	36,8	38,4	69,8	75,0	69,7	88,0	93,7
for waste disposal	42,5	73,6	99,4	110,1	123,0	291,8	322,0	368,5	408,5	471,6
Claims for damages caused to nature and fines imposed for infringement of environmental legislation	12,7	5,6	7,2	9,3	5,2	7,9	24,6	6,1	10,9	147,5
Share of the paid ecological duties in the total, percent	18,3	36,2	86,0	88,7	97,6	85,4	102,7	97,8	92,4	90,3

25. INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES[1]

25.1. Population

(on average per year; mln.)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**51,1**	**48,9**	**48,4**	**48,0**	**47,6**	**47,3**	**46,9**	**46,6**	**46,3**	**46,1**	**45,9**	**45,7**
Austria	7,9	8,0	8,0	8,1	8,1	8,2	8,2	8,3	8,3	8,3	8,4	8,4
Azerbaijan	7,7	8,0	8,1	8,2	8,3	8,3	8,5	8,6	8,7	8,8	8,9	9,0
Albania	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,2	3,2
Belgium	10,1	10,2	10,3	10,3	10,4	10,4	10,5	10,5	10,6	10,7	10,8	10,8
Belarus	10,2	10,0	10,0	9,9	9,9	9,8	9,8	9,7	9,7	9,7	9,6	9,5
Bulgaria	8,3	8,0	7,9	7,9	7,8	7,8	7,7	7,7	7,6	7,6	7,6	7,5
Bosnia and Herzegovina	…	4,2	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3	…	…
Armenia	3,3	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,3	3,3
Greece	10,6	10,9	11,0	11,0	11,0	11,1	11,1	11,1	11,2	11,2	11,3	11,2
Georgia[2]	4,7	4,4	4,4	4,4	4,3	4,3	4,4	4,4	4,4	4,3	4,3	4,2
Denmark	5,2	5,3	5,4	5,4	5,4	5,4	5,4	5,4	5,5	5,5	5,5	5,5
Estonia	1,4	1,4	1,4	1,4	1,4	1,4	1,3	1,3	1,3	1,3	1,3	1,3
Israel	5,5	6,3	6,4	6,6	6,7	6,8	6,9	7,1	7,2	7,3	7,4	7,5
Ireland	3,6	3,8	3,9	3,9	4,0	4,1	4,2	4,3	4,4	4,4	4,5	4,5
Iceland	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Spain	39,4	40,3	40,7	41,3	42,0	42,7	43,4	44,1	44,9	45,6	46,2	46,3
Italy	56,8	56,9	57,0	57,2	57,6	58,2	58,6	58,9	59,4	59,8	60,3	60,4
Kazakhstan	15,8	14,9	14,9	14,9	14,9	15,0	15,1	15,3	15,5	15,7	15,8	16,0
Canada	29,3	30,7	31,0	31,4	31,6	31,9	32,2	32,6	32,9	33,3	33,7	33,9
Cyprus	0,7	0,7	0,7	0,7	0,7	0,7	0,8	0,8	0,8	0,8	0,8	0,8
Kyrgyzstan	4,6	4,9	4,9	5,0	5,0	5,1	5,1	5,2	5,2	5,3	5,4	5,5
Latvia	2,5	2,4	2,4	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,2
Lithuania	3,6	3,5	3,5	3,5	3,5	3,4	3,4	3,4	3,4	3,4	3,3	3,3
Luxemburg	0,4	0,4	0,4	0,4	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5

Table 25.1 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Malta	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Moldova, Republic of[3]	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Netherlands	15,5	15,9	16,0	16,1	16,3	16,3	16,3	16,4	16,4	16,4	16,5	16,6
Germany	81,7	82,2	82,3	82,5	82,5	82,5	82,5	82,4	82,3	82,1	81,9	82,0
Norway	4,4	4,5	4,5	4,5	4,6	4,6	4,6	4,7	4,7	4,8	4,8	4,9
Poland	38,3	38,3	38,3	38,2	38,2	38,2	38,2	38,1	38,1	38,1	38,1	38,0
Portugal	10,0	10,2	10,3	10,4	10,4	10,5	10,5	10,6	10,6	10,6	10,6	10,7
Russian Federation	148,4	146,6	146,0	145,3	144,6	143,8	143,1	142,5	142,1	142,0	141,9	141,9
Romania	22,7	22,1	22,0	21,9	21,8	21,7	21,6	21,5	21,5	21,4	21,3	21,3
Serbia	…	7,7	7,7	7,5	7,5	7,5	7,4	7,4	7,4	7,4	7,3	7,3
Slovakia	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4
Slovenia	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
United Kingdom	58,0	58,9	59,1	59,3	59,6	59,8	60,2	60,6	61,0	61,4	61,8	61,9
USA	266,6	282,4	285,3	288,1	290,8	293,5	296,2	299,1	302,0	304,8	307,5	308,7
Tajikistan	5,8	6,2	6,3	6,4	6,6	6,7	6,9	7,0	7,1	7,3	7,4	7,5
Turkey	59,8	64,3	65,1	66,0	66,9	67,7	68,6	69,4	70,3	71,1	72,5	73,1
Hungary	10,2	10,1	10,2	10,2	10,1	10,1	10,1	10,1	10,1	10,0	10,0	10,0
Uzbekistan	22,9	24,8	25,1	25,4	25,7	26,0	26,3	26,6	26,9	27,2	27,5	28,0
Finland	5,1	5,2	5,2	5,2	5,2	5,2	5,2	5,3	5,3	5,3	5,3	5,3
France	59,4	60,7	61,2	61,6	62,0	62,5	63,0	63,4	63,8	64,1	64,5	65,1
Croatia	4,7	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4
Czech Republic	10,3	10,3	10,2	10,2	10,2	10,2	10,2	10,3	10,3	10,4	10,5	10,5
Switzerland	7,0	7,2	7,2	7,3	7,3	7,4	7,4	7,5	7,6	7,6	7,7	7,6
Sweden	8,8	8,9	8,9	8,9	9,0	9,0	9,0	9,1	9,1	9,3	9,3	9,3

[1] Based on data from the United Nations Economic Commission for Europe, Organisation for Economic Cooperation and Development, United States Census Bureau, and publications of Interstate Statistical Committee of the CIS
[2] Excluding data for Abkhazia and South Ossetia
[3] Without left bank of the river Dnister and territory of Bendery town

25.2. Crude birth rate

(total number of births per 1000 population)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**9,6**	**7,8**	**7,7**	**8,1**	**8,5**	**9,0**	**9,0**	**9,8**	**10,2**	**11,0**	**11,1**	**10,8**
Australia	14,20	13,00	12,70	12,70	12,71	12,72	12,84	12,73	12,63	12,55	12,47	12,39
Austria	11,02	9,65	9,28	9,14	9,01	8,90	8,81	8,74	8,69	8,66	8,65	8,65
Azerbaijan	22,76	17,98	16,88	16,85	17,18	17,21	17,29	17,38	17,47	17,52	17,62	17,75
Belgium	11,29	11,19	11,00	10,85	10,72	10,59	10,48	10,38	10,29	10,22	10,15	10,10
Belarus	9,91	9,34	9,17	8,91	8,94	9,02	9,20	9,36	9,50	9,62	9,71	9,76
Bulgaria	8,80	9,50	9,55	9,60	9,63	9,65	9,66	9,65	9,62	9,58	9,51	9,43
Armenia	16,14	11,41	10,70	10,90	11,15	11,43	11,76	12,07	12,34	12,53	12,65	12,74
Greece	9,71	9,62	9,67	9,71	9,73	9,73	9,72	9,68	9,62	9,54	9,45	9,34
Georgia[1]	12,92	9,72	9,79	9,88	9,98	10,10	10,25	10,41	10,54	10,62	10,66	10,70
Denmark	13,33	12,57	12,22	12,02	11,81	11,59	11,36	11,13	10,91	10,71	10,54	10,40
Estonia	9,34	9,47	9,22	9,56	9,67	9,79	9,91	10,04	10,17	10,28	10,37	10,42
Israel	21,18	21,64	21,20	21,25	21,66	21,25	20,76	20,52	20,27	20,02	19,77	19,51
India	28,30	26,40	23,80	25,00	24,42	23,91	23,38	22,84	22,47	22,09	21,72	21,34
Ireland	…	14,33	14,94	15,38	15,37	15,15	14,62	15,18	15,98	16,62	16,57	16,37
Spain	9,14	9,80	9,90	10,06	10,44	10,57	10,67	10,87	10,86	11,32	11,15	10,91
Italy	9,17	9,40	9,24	9,27	9,33	9,58	9,38	9,45	9,46	9,60	9,41	9,29
Kazakhstan	17,85	14,69	14,90	15,08	15,29	15,52	15,78	16,00	16,23	16,44	16,60	16,66
Canada	12,73	10,54	10,64	10,39	10,51	10,49	10,40	10,34	10,31	10,29	10,28	10,28
Kyrgyzstan	27,71	21,17	21,36	21,58	21,85	22,13	22,48	22,80	23,08	23,31	23,44	23,58
China	17,10	14,00	13,40	12,90	11,89	11,82	11,75	11,40	11,71	11,89	12,02	12,17
Latvia	8,70	8,52	8,34	8,57	8,71	8,87	9,04	9,24	9,43	9,62	9,78	9,90
Lithuania	11,21	9,34	8,65	8,26	8,37	8,49	8,62	8,75	8,87	9,00	9,11	9,21
Moldova, Republic of[2]	13,18	9,78	9,68	9,51	9,73	10,23	10,46	10,67	10,86	11,01	11,12	11,16

Table 25.2 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Netherlands	12,32	12,47	12,23	11,96	11,68	11,41	11,14	10,90	10,70	10,53	10,40	10,30
Germany	9,37	9,33	8,92	8,72	8,57	8,55	8,32	8,17	8,33	8,32	8,29	8,28
New Zeeland	15,80	14,70	14,40	13,70	14,17	14,49	14,26	14,47	14,27	14,09	13,94	13,81
Norway	13,83	13,19	12,56	12,34	12,12	11,89	11,67	11,46	11,27	11,12	10,99	10,90
Poland	11,22	9,79	9,53	9,16	9,36	9,55	9,72	9,85	9,94	10,01	10,04	10,04
Portugal	10,65	11,62	10,86	10,97	10,95	10,90	10,82	10,72	10,59	10,45	10,29	10,12
Russian Federation	9,18	8,63	8,98	9,62	10,23	10,46	10,64	10,78	10,92	11,03	11,10	11,11
Romania	10,43	10,45	9,83	9,41	9,53	9,72	9,96	9,91	9,71	9,67	9,63	9,58
Slovakia	11,46	10,21	10,27	10,39	10,49	10,57	10,62	10,65	10,65	10,64	10,60	10,55
United Kingdom	12,58	11,48	11,27	11,22	11,63	11,91	11,95	12,30	12,61	12,50	12,40	12,34
USA	…	…	14,12	13,97	14,09	14,03	13,99	14,29	14,31	13,95	13,98	13,83
Tajikistan	29,78	27,51	27,75	27,90	27,76	27,52	27,37	27,38	27,33	27,18	26,90	26,49
Turkey	23,54	21,73	21,41	21,07	20,70	20,40	20,08	19,73	19,38	18,94	18,66	18,28
Hungary	10,90	9,62	9,58	9,57	9,38	9,45	9,69	9,94	9,73	9,89	9,80	9,70
Uzbekistan	29,39	21,37	21,80	20,98	19,81	19,25	18,95	18,66	18,35	17,99	17,58	17,51
Finland	12,35	10,98	10,85	10,73	10,63	10,56	10,50	10,45	10,42	10,39	10,38	10,37
France	12,78	13,22	13,08	12,85	12,78	12,80	12,82	13,10	12,91	12,73	12,57	12,43
Czech Republic	9,31	8,85	8,98	9,06	9,10	9,10	9,07	9,02	8,96	8,89	8,83	8,76
Switzerland	11,49	10,80	10,05	9,98	9,90	9,83	9,77	9,71	9,66	9,62	9,59	9,56
Sweden	11,65	10,14	10,23	10,70	10,58	10,46	10,36	10,27	10,20	10,15	10,13	10,14
Japan	9,50	9,40	9,20	9,10	9,04	8,87	8,49	8,31	8,10	7,87	7,64	7,41

[1] See the second footnote to Table 25.1
[2] See the third footnote to Table 25.1

25.3. Crude death rate

(total number of deaths per 1000 population)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**15,4**	**15,4**	**15,3**	**15,7**	**16,0**	**16,0**	**16,6**	**16,2**	**16,4**	**16,3**	**15,3**	**15,2**
Australia	6,90	6,70	6,60	6,80	6,69	6,63	6,46	6,54	6,61	6,68	6,74	6,81
Austria	10,09	9,46	9,19	9,30	9,43	9,56	9,70	9,76	9,84	9,91	9,98	10,05
Azerbaijan	9,46	8,62	8,53	8,46	8,44	8,42	8,40	8,37	8,35	8,32	8,30	8,28
Belgium	10,32	10,22	10,20	10,19	10,19	10,20	10,22	10,27	10,32	10,38	10,44	10,50
Belarus	13,11	13,44	14,03	14,73	14,46	14,21	14,13	14,05	13,98	13,92	13,86	13,81
Bulgaria	13,97	14,34	14,30	14,26	14,25	14,25	14,26	14,27	14,28	14,30	14,31	14,31
Armenia	8,27	8,04	8,02	8,04	8,08	8,12	8,16	8,23	8,29	8,34	8,39	8,42
Greece	9,58	9,87	9,92	9,97	10,02	10,08	10,15	10,24	10,33	10,42	10,51	10,60
Georgia[1]	7,71	8,75	8,63	8,75	8,86	8,98	9,09	9,23	9,37	9,51	9,65	9,79
Denmark	12,06	10,86	10,89	10,76	10,64	10,53	10,43	10,36	10,30	10,25	10,22	10,19
Estonia	14,40	13,34	13,52	13,50	13,34	13,27	13,21	13,25	13,30	13,35	13,42	13,48
Israel	6,09	5,75	5,75	5,76	5,47	5,28	5,33	5,36	5,39	5,41	5,43	5,45
India	9,00	9,00	8,40	8,10	8,34	8,15	7,97	7,86	7,76	7,68	7,60	7,53
Ireland	…	8,21	7,80	7,55	7,26	7,01	6,73	6,61	6,35	6,24	6,26	6,30
Spain	8,71	8,85	8,77	8,85	9,09	8,65	8,86	8,36	8,57	8,41	8,56	8,72
Italy	9,67	9,61	9,53	9,57	10,09	9,28	9,63	9,42	9,61	9,74	9,79	9,75
Kazakhstan	11,05	10,13	10,04	9,89	9,73	9,59	9,46	9,42	9,40	9,39	9,39	9,39
Canada	7,10	7,01	7,00	7,07	7,09	7,05	7,20	7,34	7,47	7,61	7,74	7,87
Kyrgyzstan	8,94	7,49	7,38	7,31	7,25	7,19	7,13	7,08	7,02	6,97	6,91	6,85
China	6,60	7,60	7,00	6,40	6,42	6,31	6,22	6,34	6,48	6,62	6,75	6,89
Latvia	15,66	13,55	13,99	13,89	13,79	13,73	13,70	13,66	13,64	13,63	13,62	13,60
Lithuania	12,33	10,65	11,08	11,30	11,16	11,03	10,92	10,98	11,05	11,12	11,18	11,25
Moldova, Republic of[2]	12,38	11,13	11,05	10,99	10,94	10,91	10,87	10,85	10,83	10,80	10,78	10,76

Table 25.3 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Netherlands	8,78	8,83	8,76	8,71	8,68	8,67	8,68	8,68	8,69	8,71	8,74	8,78
Germany	10,83	10,21	10,06	10,21	10,35	9,92	10,07	10,34	10,06	10,62	10,70	10,80
New Zeeland	7,60	6,90	7,20	7,10	7,07	7,09	6,68	6,91	6,95	7,00	7,05	7,10
Norway	10,37	9,79	9,74	9,66	9,58	9,51	9,45	9,40	9,37	9,33	9,29	9,26
Poland	10,00	9,52	9,40	9,31	9,48	9,66	9,84	9,89	9,94	9,99	10,05	10,10
Portugal	10,33	10,24	10,17	10,23	10,30	10,37	10,43	10,50	10,56	10,62	10,68	10,74
Russian Federation	14,84	15,17	15,48	16,06	16,39	15,98	15,91	15,99	16,04	16,06	16,06	16,04
Romania	11,97	11,40	11,58	12,06	11,95	11,64	11,81	11,65	11,40	11,53	11,66	11,78
Slovakia	9,83	9,76	9,68	9,60	9,54	9,48	9,43	9,45	9,48	9,50	9,53	9,56
United Kingdom	11,09	10,29	10,14	10,20	10,23	9,73	9,64	9,40	9,38	9,36	9,35	9,33
USA	…	…	8,48	8,49	8,43	8,18	8,28	8,13	8,04	8,06	8,24	8,38
Tajikistan	8,05	7,87	8,41	8,03	8,42	7,40	7,27	7,16	7,05	6,94	6,83	6,72
Turkey	6,69	6,52	6,43	6,35	6,28	6,22	6,17	6,15	6,13	6,11	6,10	6,10
Hungary	14,15	13,36	13,05	13,14	13,46	13,15	13,50	13,10	13,25	12,98	12,82	12,67
Uzbekistan	6,88	5,72	5,51	5,59	5,48	5,41	5,38	5,35	5,32	5,30	5,29	5,29
Finland	9,65	9,55	9,37	9,48	9,58	9,69	9,79	9,86	9,93	10,00	10,07	10,15
France	9,04	8,85	8,78	8,80	8,99	8,30	8,54	8,37	8,42	8,48	8,56	8,65
Czech Republic	11,42	10,61	10,58	10,56	10,55	10,54	10,54	10,59	10,64	10,69	10,74	10,79
Switzerland	8,86	8,60	8,38	8,39	8,42	8,44	8,48	8,49	8,51	8,54	8,59	8,65
Sweden	10,58	10,47	10,49	10,61	10,42	10,38	10,36	10,31	10,27	10,24	10,21	10,20
Japan	7,40	7,60	7,60	7,70	7,95	8,03	8,44	8,71	8,98	9,26	9,54	9,83

[1] See the second footnote to Table 25.1
[2] See the third footnote to Table 25.1

25.4. Population crude rate

(per 1000 population)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**–5,8**	**–7,6**	**–7,6**	**–7,6**	**–7,5**	**–7,0**	**–7,6**	**–6,4**	**–6,2**	**–5,3**	**–4,2**	**–4,4**
Australia	7,30	6,30	6,10	5,90	6,02	6,09	6,38	6,19	6,02	5,87	5,73	5,58
Austria	0,93	0,19	0,09	–0,16	–0,42	–0,66	–0,89	–1,02	–1,15	–1,25	–1,33	–1,40
Azerbaijan	13,30	9,36	8,35	8,39	8,74	8,79	8,89	9,01	9,12	9,20	9,32	9,47
Belgium	0,97	0,97	0,80	0,66	0,53	0,39	0,26	0,11	–0,03	–0,16	–0,29	–0,40
Belarus	–3,20	–4,10	–4,86	–5,82	–5,52	–5,19	–4,93	–4,69	–4,48	–4,30	–4,15	–4,05
Bulgaria	–5,17	–4,84	–4,75	–4,66	–4,62	–4,60	–4,60	–4,62	–4,66	–4,72	–4,80	–4,88
Armenia	7,87	3,37	2,68	2,86	3,07	3,31	3,60	3,84	4,05	4,19	4,26	4,32
Greece	0,13	–0,25	–0,25	–0,26	–0,29	–0,35	–0,43	–0,56	0,71	–0,88	–1,06	–1,26
Georgia[1]	5,21	0,97	1,16	1,13	1,12	1,12	1,16	1,18	1,17	1,11	1,01	0,91
Denmark	1,27	1,71	1,33	1,26	1,17	1,06	0,93	0,77	0,61	0,46	0,32	0,21
Estonia	–5,06	–3,87	–4,30	–3,94	–3,67	–3,48	–3,30	–3,21	–3,13	–3,07	–3,05	–3,06
Israel	15,09	15,89	15,45	15,49	16,19	15,97	15,43	15,16	14,88	14,61	14,34	14,06
India	19,30	17,40	15,40	16,90	16,08	15,76	15,41	14,98	14,71	14,41	14,12	13,81
Ireland	…	6,12	7,14	7,83	8,11	8,14	7,89	8,57	9,63	10,38	10,31	10,07
Spain	0,43	0,95	1,13	1,21	1,35	1,92	1,81	2,51	2,29	2,91	2,59	2,19
Italy	–0,50	–0,21	–0,29	–0,30	–0,76	0,30	–0,25	0,03	–0,15	–0,14	–0,38	–0,46
Kazakhstan	6,80	4,56	4,86	5,19	5,56	5,93	6,32	6,58	6,83	7,05	7,21	7,27
Canada	5,63	3,53	3,64	3,32	3,42	3,44	3,20	3,00	2,84	2,68	2,54	2,41
Kyrgyzstan	18,77	13,68	13,98	14,27	14,60	14,94	15,35	15,72	16,06	16,34	16,53	16,73
China	10,50	6,40	6,40	6,50	5,47	5,51	5,53	5,06	5,23	5,27	5,27	5,28
Latvia	–6,96	–5,03	–5,65	–5,32	–5,08	–4,86	–4,66	–4,42	–4,21	–4,01	–3,84	–3,70
Lithuania	–1,12	–1,31	–2,43	–3,04	–2,79	–2,54	–2,30	–2,23	–2,18	–2,12	–2,07	–2,04
Moldova, Republic of[2]	0,80	–1,35	–1,37	–1,48	–1,21	–0,68	–0,41	–0,18	0,03	0,21	0,34	0,40

Table 25.4 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Netherlands	3,54	3,64	3,47	3,25	3,00	2,74	2,46	2,22	2,01	1,82	1,66	1,52
Germany	–1,46	–0,88	–1,14	–1,49	–1,78	–1,37	–1,75	–2,17	–1,73	–2,30	–2,41	–2,52
New Zeeland	8,20	7,80	7,20	6,60	7,10	7,40	7,58	7,56	7,32	7,09	6,89	6,71
Norway	3,46	3,40	2,82	2,68	2,54	2,38	2,22	2,06	1,90	1,79	1,70	1,64
Poland	1,22	0,27	0,13	–0,15	–0,12	–0,11	–0,12	–0,04	0,00	0,02	–0,01	–0,06
Portugal	0,32	1,38	0,69	0,74	0,65	0,53	0,39	0,22	0,03	–0,17	–0,39	–0,62
Russian Federation	–5,66	–6,54	–6,50	–6,44	–6,16	–5,52	–5,27	–5,21	–5,12	–5,03	–4,96	–4,93
Romania	–1,54	–0,95	–1,75	–2,65	–2,42	–1,92	–1,85	–1,74	–1,69	–1,86	–2,03	–2,20
Slovakia	1,63	0,45	0,59	0,79	0,95	1,09	1,19	1,20	1,17	1,14	1,07	0,99
United Kingdom	1,49	1,19	1,13	1,02	1,40	2,18	2,31	2,90	3,23	3,14	3,05	3,01
USA	…	…	5,65	5,48	5,65	5,85	5,72	6,16	6,28	5,89	5,74	5,45
Tajikistan	21,73	19,64	19,34	19,87	19,34	20,12	20,10	20,22	20,28	20,24	20,07	19,77
Turkey	16,85	15,21	14,98	14,72	14,42	14,18	13,91	13,58	13,25	12,83	12,56	12,18
Hungary	–3,25	–3,74	–3,47	–3,57	–4,08	–3,70	–3,81	–3,16	–3,52	–3,09	–3,02	–2,97
Uzbekistan	22,51	15,65	16,29	15,39	14,33	13,84	13,57	13,31	13,03	12,69	12,29	12,22
Finland	2,70	1,43	1,48	1,25	1,05	0,87	0,71	0,59	0,49	0,39	0,31	0,22
France	3,74	4,27	4,30	4,05	3,79	4,50	4,28	4,73	4,49	4,25	4,01	3,78
Czech Republic	–2,11	–1,76	–1,60	–1,50	–1,45	–1,44	–1,47	–1,57	–1,68	–1,80	–1,91	–2,03
Switzerland	2,63	2,20	1,67	1,59	1,48	1,39	1,29	1,22	1,15	1,08	1,00	0,91
Sweden	1,07	–0,33	–0,26	0,09	0,16	0,08	0,00	–0,04	–0,07	–0,09	–0,08	–0,06
Japan	2,10	1,80	1,60	1,40	1,09	0,84	0,05	–0,40	–0,88	–1,39	–1,90	–2,42

[1] See the second footnote to Table 25.1
[2] See the third footnote to Table 25.1

25.5. Life expectancy at birth by sex

(years)

	2000		2004		2005		2006		2007		2008		2009	
	males	females	males	females	males	females	males	females	males	females	males	females	males	females
Ukraine[1]	**62,8**	**74,1**	**62,2**	**74,0**	**62,4**	**74,1**	**62,5**	**74,2**	**62,5**	**74,3**	**63,8**	**74,9**	**65,3**	**75,5**
Austria	75,41	81,24	76,03	81,96	76,17	82,11	76,32	82,26	76,46	82,41	76,60	82,56	76,74	82,71
Azerbaijan	59,40	68,13	61,16	69,95	61,51	70,31	61,86	70,66	62,20	71,00	62,53	71,34	62,86	71,67
Belgium	74,54	81,00	75,44	81,94	75,59	82,09	75,75	82,24	75,90	82,38	76,06	82,53	76,21	82,68
Belarus	63,47	74,98	63,33	75,34	63,66	75,61	63,98	75,87	64,31	76,14	64,63	76,40	64,95	76,67
Bulgaria	66,99	74,45	68,41	75,87	68,68	76,13	68,95	76,40	69,22	76,66	69,48	76,91	69,74	77,17
Greece	75,86	80,91	76,59	81,76	76,72	81,91	76,85	82,06	76,98	82,21	77,11	82,37	77,24	82,52
Georgia[2]	71,48	78,60	72,59	79,67	72,80	79,87	73,00	80,07	73,21	80,26	73,41	80,45	73,61	80,64
Denmark	74,44	79,11	75,34	80,03	75,49	80,22	75,65	80,41	75,80	80,59	75,96	80,78	76,11	80,97
Estonia	65,20	76,08	66,28	77,60	66,58	77,83	66,87	78,07	67,16	78,30	67,45	78,53	67,74	78,76
Israel	76,70	80,90	78,30	82,30	78,38	82,46	78,46	82,62	78,54	82,79	78,62	82,95	78,70	83,12
Ireland	73,93	79,16	76,68	81,18	76,88	81,57	77,32	82,02	77,63	82,12	77,74	82,27	77,86	82,41
Spain	75,92	82,69	76,89	83,47	77,57	84,04	77,56	84,01	78,03	84,19	78,05	84,23	78,06	84,27
Italy	76,80	82,59	78,19	83,67	78,67	84,19	78,82	84,13	78,89	84,09	79,04	84,14	79,08	84,44
Kazakhstan	58,81	69,95	61,21	72,20	61,56	72,52	61,90	72,84	62,24	73,16	62,58	73,47	62,91	73,78
Canada	77,31	82,66	78,55	83,54	78,58	83,63	78,62	83,72	78,65	83,81	78,69	83,91	78,72	84,00
Kyrgyzstan	62,51	70,70	64,16	72,38	64,48	72,70	64,80	73,02	65,12	73,33	65,43	73,64	65,74	73,94
Latvia	64,61	75,70	65,78	76,60	66,08	76,85	66,39	77,10	66,68	77,35	66,98	77,59	67,27	77,84
Lithuania	67,55	78,17	68,94	79,28	69,20	79,49	69,46	79,69	69,72	79,89	69,98	80,10	70,23	80,29
Moldova, Republic of[3]	64,34	71,92	65,91	73,51	66,21	73,81	66,51	74,11	66,81	74,41	67,10	74,71	67,39	75,00
Netherlands	75,60	80,75	76,25	81,51	76,39	81,67	76,52	81,82	76,66	81,98	76,80	82,14	76,94	82,30
Germany	75,05	80,98	76,63	81,97	77,09	81,78	77,30	82,48	77,48	81,99	77,59	82,14	77,71	82,30

Table 25.5 continued

	2000		2004		2005		2006		2007		2008		2009	
	males	females	males	females	males	females	males	females	males	females	males	females	males	females
Norway	75,96	81,39	76,78	82,17	76,91	82,31	77,04	82,46	77,16	82,60	77,29	82,74	77,42	82,89
Poland	69,77	77,99	70,71	79,03	70,95	79,23	71,18	79,44	71,42	79,65	71,65	79,85	71,88	80,06
Portugal	73,06	79,96	74,25	81,03	74,43	81,20	74,60	81,36	74,78	81,53	74,95	81,69	75,12	81,86
Russian Federation	59,22	72,52	59,10	72,81	59,10	72,94	59,12	73,03	59,19	73,10	59,33	73,14	59,54	73,17
Romania	67,71	74,70	68,91	75,86	69,41	76,30	69,90	76,94	70,02	77,10	70,14	77,26	70,26	77,42
Slovakia	68,92	77,12	70,52	78,68	70,76	78,89	71,00	79,11	71,23	79,32	71,47	79,53	71,70	79,74
Slovenia	72,21	79,21	72,42	80,10	72,63	80,29	72,84	80,47	73,04	80,66	73,25	80,84	73,45	81,03
United Kingdom	75,46	80,23	76,91	81,19	77,23	81,49	77,47	81,63	77,59	81,79	77,72	81,95	77,84	82,11
USA	76,80	79,30	77,40	79,90	77,70	80,20	77,90	80,40	76,80	79,30	75,65	80,69	75,78	80,81
Tajikistan	59,68	65,81	60,89	67,01	61,25	67,40	61,60	67,78	61,95	68,15	62,29	68,52	62,63	68,88
Turkey	67,48	70,91	69,08	72,65	69,34	72,97	69,61	73,28	69,86	73,59	70,12	73,89	70,37	74,19
Hungary	67,43	75,84	68,65	77,01	69,14	77,54	69,35	77,52	69,87	77,93	70,34	78,24	70,80	78,55
Uzbekistan	66,64	72,21	67,86	73,98	68,14	74,28	68,41	74,57	68,69	74,87	68,95	75,15	69,22	75,44
Finland	74,00	81,15	74,82	82,02	74,99	82,17	75,15	82,31	75,31	82,46	75,48	82,61	75,64	82,76
France	75,10	82,61	77,05	83,74	77,44	84,02	77,56	84,12	77,68	84,23	77,79	84,33	77,91	84,44
Croatia	69,1	76,7	72,1	79,1	71,9	78,9	72,6	79,4	…	…	72,5	79,7	…	…
Czech Republic	71,61	78,24	72,74	79,49	72,94	79,69	73,14	79,88	73,34	80,08	73,54	80,28	73,74	80,48
Switzerland	76,91	82,69	77,58	83,36	77,69	83,48	77,80	83,59	77,91	83,71	78,03	83,83	78,14	83,95
Sweden	77,56	82,27	78,19	82,74	78,29	82,87	78,39	83,00	78,49	83,13	78,59	83,26	78,69	83,40

[1] SSSU data are given for two consecutive years, i.e. 2000 – 2000/2001; 2004 – 2004/2005; 2005 – 2005/2006; 2006 – 2006/2007; 2007 – 2007/2008, 2008 – 2008/2009; 2009 – 2009/2010

[2] See the second footnote to Table 25.1

[3] See the third footnote to Table 25.1

25.6. Unemployment rate

(percentage of economically active population; on average per year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**5,6**	**11,6**	**10,9**	**9,6**	**9,1**	**8,6**	**7,2**	**6,8**	**6,4**	**6,4**	**8,8**	**8,1**
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
Azerbaijan	…	…	…	…	9,7	8,4	7,6	6,8	6,5	6,1	6,0	…
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
Belarus[1]	2,9	2,1	2,3	3,0	3,1	1,9	1,5	1,2	1,0	0,8	0,9	0,7
Bulgaria	16,5	16,4	19,5	18,2	13,7	12,1	10,1	9,0	6,9	5,6	6,8	10,2
Armenia[1]	8,1	10,9	9,8	10,5	10,2	9,4	7,6	7,2	6,4	6,3	6,9	7,0
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
Georgia	…	10,3	11,1	12,6	11,5	12,6	13,8	13,6	13,3	16,5	16,9	16,3
Denmark	6,7	4,3	4,5	4,6	5,4	5,5	4,8	3,9	3,8	3,3	6,0	7,4
Estonia	…	13,6	12,6	10,3	10,0	9,7	7,9	5,9	4,7	5,5	13,8	16,9
Israel	6,9	8,8	9,4	10,3	10,7	10,4	9,0	8,4	7,3	6,1	7,6	…
Ireland	12,3	4,2	3,9	4,5	4,6	4,5	4,4	4,5	4,6	6,3	11,9	13,7
Spain	18,4	11,1	10,3	11,1	11,1	10,6	9,2	8,5	8,3	11,3	18,0	20,1
Italy	11,2	10,1	9,1	8,6	8,4	8,0	7,7	6,8	6,1	6,7	7,8	8,4
Kazakhstan	…	12,8	10,4	9,3	8,8	8,4	8,1	7,8	7,3	6,6	6,6	5,8
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
Cyprus	3,7	4,9	3,8	3,6	4,1	4,7	5,3	4,6	4,0	3,6	5,3	6,5
Kyrgyzstan	…	…	…	12,5	9,9	8,5	8,1	8,3	8,2	8,2	8,4	…
Latvia	…	13,7	12,9	12,2	10,5	10,4	8,9	6,8	6,0	7,5	17,1	18,7
Lithuania	…	16,4	16,5	13,5	12,5	11,4	8,3	5,6	4,3	5,8	13,7	17,8
Luxemburg	2,9	2,2	1,9	2,6	3,8	5,0	4,6	4,6	4,2	4,9	5,1	4,5
Malta	5,6	6,7	7,6	7,5	7,6	7,4	7,2	7,1	6,4	5,9	7,0	6,9
Moldova, Republic of	…	8,5	7,3	6,8	7,9	8,1	7,3	7,4	5,1	4,0	6,4	7,4

Table 25.6 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
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
Germany	8,0	7,5	7,6	8,4	9,3	9,8	11,2	10,3	8,7	7,5	7,8	7,1
Norway	4,9	3,2	3,4	3,7	4,2	4,3	4,5	3,4	2,5	2,5	3,1	3,5
Poland	13,3	16,1	18,3	20,0	19,7	19,0	17,8	13,9	9,6	7,1	8,2	9,6
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
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
Romania	…	7,3	6,8	8,6	7,0	8,1	7,2	7,3	6,4	5,8	6,9	7,3
Slovakia	13,1	18,8	19,3	18,7	17,6	18,2	16,3	13,4	11,1	9,5	12,0	14,4
Slovenia	…	6,7	6,2	6,3	6,7	6,3	6,5	6,0	4,9	4,4	5,9	7,3
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
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
Tajikistan[1]	1,8	2,7	2,3	2,6	2,3	2,0	2,1	2,3	2,5	2,1	2,1	…
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
Hungary	5,6	6,4	5,7	5,8	5,9	6,1	7,2	7,5	7,4	7,8	10,0	11,2
Uzbekistan[1]	0,3	0,4	0,4	0,4	0,3	0,4	0,3	0,3	0,2	0,4	…	…
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
France	11,0	9,0	8,3	8,6	9,0	9,3	9,3	9,2	8,4	7,8	9,5	9,8
Czech Republic	4,1	8,7	8,0	7,3	7,8	8,3	7,9	7,2	5,3	4,4	6,7	7,3
Switzerland	3,2	2,5	2,2	2,9	3,9	4,1	4,2	3,8	3,4	3,2	4,1	…
Sweden	8,8	5,6	5,8	6,0	6,6	7,4	7,6	7,0	6,1	6,2	8,3	8,4

[1] Registered unemployment rate at the end of year

25.7. GDP[1]

(USD mln. at purchasing power parities of 2005)

	1995	2000	2004	2005	2006	2007	2008	2009	2010
Ukraine	**200283**	**181190**	**256030**	**263007**	**282333**	**304755**	**311777**	**265763**	**277029**
Austria	219201	253944	268203	274801	284690	295307	301741	290009	296179
Azerbaijan	14511	20398	30349	38376	51597	64523	71460	78071	81944
Belgium	270470	311363	330970	336645	345706	355810	359383	349499	357108
Belarus	42816	58188	76289	83492	91839	99717	109932	110102	118415
Bulgaria	60294	58152	71385	75924	80867	86082	91411	86405	86534
Armenia	5411	6946	11030	12559	14217	16172	17295	14848	15159
Greece	188932	223841	266759	272842	286937	299216	302276	296097	282864
Georgia	8322	11056	14368	15747	17224	19350	19797	19050	20263
Denmark	146819	169012	175595	179888	185995	188940	186821	177089	180181
Estonia	11005	15208	20355	22275	24628	26332	24999	21524	22192
Israel	113943	145752	154566	162098	171333	180439	188066	189573	198397
Ireland	77723	123217	151552	160670	169221	178742	172401	159332	157674
Iceland	6618	8400	9642	10363	10839	11484	11641	10839	10462
Spain	827385	1011768	1146659	1188103	1235848	1280021	1291027	1242968	1241181
Italy	1436419	1578249	1638691	1649438	1683022	1707968	1685367	1597435	1618135
Kazakhstan	71125	80450	120115	131765	145872	158840	164058	166043	177686
Canada	817852	1001385	1102135	1135409	1167462	1193146	1199329	1169801	1205726
Kyrgyzstan	5617	7380	8902	8887	9162	9945	10781	11092	10941
Latvia	15585	20240	27124	30000	33670	37029	35458	29091	28991
Lithuania	26804	33310	44966	48474	52277	57421	59102	50389	51055
Luxemburg	19785	26641	30143	31780	33360	35574	36086	34773	35996
Malta	…	7970	8170	8514	8673	9070	9559	9243	9535

Table 25.7 continued

	1995	2000	2004	2005	2006	2007	2008	2009	2010
Moldova, Republic of	6835	6030	7899	8492	8898	9165	9883	9291	9937
Netherlands	40029	536545	561413	572902	592348	615572	627154	602600	613246
Germany	2273424	2510961	2567207	2586541	2673672	2744732	2771850	2641029	2736948
Norway	163578	195997	212876	218708	223696	229805	231477	227522	228312
Poland	347245	451961	507715	526079	558841	596760	627353	637428	661645
Portugal	175516	215789	222953	224641	227875	233312	233292	227443	230470
Russian Federation	1163952	1260067	1595027	1696729	1835071	1991696	2096219	1932418	2010378
Romania	162840	153778	194961	203059	219049	232887	250001	232305	229363
Slovakia	58017	68579	81697	87134	94539	104486	110572	105284	109518
Slovenia	31790	39314	45153	46962	49710	53104	55050	50604	51216
United Kingdom	1471621	1742510	1929334	1971255	2026210	2080613	2079256	1977897	2004676
USA	9093700	11226000	12263800	12638400	12976200	13228900	13228800	12880600	13248200
Tajikistan	6541	6098	9072	9682	10326	11126	12005	12477	11854
Turkey	510907	625312	720694	781244	835100	874087	877920	838115	…
Hungary	117821	141000	165609	170854	177060	178492	179905	167865	169833
Finland	111898	141481	156533	161097	168203	177177	178919	164200	170183
France	1502846	1718300	1827330	1860706	1906608	1950178	1948605	1895412	1923464
Croatia	48197	56476	65853	68104	70721	73385	74152	69265	…
Czech Republic	161152	173471	196042	208425	222614	236263	242083	232039	237484
Switzerland	225414	249389	259283	266130	275792	285843	291833	286352	293659
Sweden	217501	258582	286246	295294	307983	318191	316239	299374	316411

[1] Here and elsewhere (Tables 25.8, 25.9) estimated data from Statistics Department of United Nations Economic Commission for Europe

25.8. GDP annual growth rate

(at the 2005 prices and PPPs; percent of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**–12,2**	**5,9**	**9,2**	**5,2**	**9,6**	**12,1**	**2,7**	**7,3**	**7,9**	**2,3**	**–14,8**	**4,2**
Austria	2,5	3,7	0,5	1,6	0,8	2,5	2,5	3,6	3,7	2,2	–3,9	2,0
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
Belgium	2,4	3,7	0,8	1,4	0,8	3,2	1,7	2,7	2,9	1,0	–2,8	2,2
Belarus	–10,4	5,8	4,7	5,0	7,0	11,4	9,4	10,0	8,6	10,2	0,2	…
Bulgaria	2,9	5,7	4,2	4,6	5,5	6,7	6,4	6,5	6,4	6,2	–5,5	…
Armenia	6,9	5,9	9,6	15,0	14,0	10,5	13,9	13,2	13,7	6,9	–14,2	2,1
Greece	2,1	4,5	4,2	3,4	5,9	4,4	2,3	5,2	4,3	1,0	–2,0	–4,5
Georgia	2,6	1,8	4,8	5,5	11,1	5,9	9,6	9,4	12,3	2,3	–3,8	6,4
Denmark	3,1	3,5	0,7	0,5	0,4	2,3	2,4	3,4	1,6	–1,1	–5,2	2,1
Estonia	2,8	10,0	7,5	7,9	7,6	7,2	9,4	10,6	6,9	–5,1	–13,9	3,1
Israel	…	9,1	–0,1	–0,6	1,5	5,1	4,9	5,7	5,3	4,2	0,8	4,7
Ireland	9,6	9,7	5,7	6,5	4,4	4,6	6,0	5,3	5,6	–3,5	–7,6	–1,0
Iceland	0,1	4,3	3,9	0,1	2,4	7,7	7,5	4,6	6,0	1,4	–6,9	–3,5
Spain	2,8	5,0	3,6	2,7	3,1	3,3	3,6	4,0	3,6	0,9	–3,7	–0,1
Italy	2,8	3,7	1,8	0,5	0,0	1,5	0,7	2,0	1,5	–1,3	–5,2	1,3
Kazakhstan	–8,2	9,8	13,5	9,8	9,3	9,6	9,7	10,7	8,9	3,3	1,2	7,0
Canada	2,8	5,2	1,8	2,9	1,9	3,1	3,0	2,8	2,2	0,5	–2,5	3,1
Kyrgyzstan	–5,4	5,4	5,3	0,0	7,0	7,0	–0,2	3,1	8,5	8,4	2,9	–1,4
Latvia	–0,9	6,9	8,0	6,5	7,2	8,7	10,6	12,2	10,0	–4,2	–18,0	–0,3
Lithuania	5,2	3,3	6,7	6,9	10,2	7,4	7,8	7,8	9,8	2,9	–14,7	1,3
Luxemburg	1,4	8,4	2,5	4,1	1,5	4,4	5,4	5,0	6,6	1,4	–3,6	3,5
Malta	…	…	–1,6	2,6	–0,3	1,8	4,2	1,9	4,6	5,4	–3,3	3,2
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	6,9

Table 25.8 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Netherlands	3,1	3,9	1,9	0,1	0,3	2,2	2,0	3,4	3,9	1,9	–3,9	1,8
Germany	1,9	3,2	1,2	0,0	–0,2	1,2	0,8	3,4	2,7	1,0	–4,7	3,6
Norway	4,2	3,3	2,0	1,5	1,0	3,9	2,7	2,3	2,7	0,7	–1,7	0,3
Poland	7,0	4,3	1,2	1,4	3,9	5,3	3,6	6,2	6,8	5,1	1,6	3,8
Portugal	4,3	3,9	2,0	0,7	–0,9	1,6	0,8	1,4	2,4	0,0	–2,5	1,3
Russian Federation	–4,1	10,0	5,1	4,7	7,3	7,2	6,4	8,2	8,5	5,2	–8,2	3,2
Romania	7,2	2,4	5,7	5,1	5,2	8,5	4,2	7,9	6,3	7,3	–7,1	–1,3
Slovakia	7,9	1,4	3,5	4,6	4,8	5,1	6,7	8,5	10,5	5,8	–4,8	4,0
Slovenia	…	4,4	2,8	4,0	2,8	4,3	4,5	5,9	6,9	3,7	–8,1	1,2
United Kingdom	3,1	3,9	2,5	2,1	2,8	3,0	2,2	2,8	2,7	–0,1	–4,9	1,4
USA	2,5	4,1	1,1	1,8	2,5	3,6	3,1	2,7	1,9	0,0	–2,6	2,9
Tajikistan	–6,0	8,3	9,6	10,8	11,1	10,3	6,7	6,7	7,7	7,9	3,9	5,0
Turkey	7,2	6,8	–5,7	6,6	4,8	9,4	8,4	6,9	4,7	0,4	–4,5	…
Turkmenistan	–6,9	5,5	4,3	0,3	3,3	4,5	13,0	11,4	11,6	10,5	6,1	…
Hungary	1,5	4,9	3,8	4,1	4,0	4,5	3,2	3,6	0,8	0,8	–6,7	1,2
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
Finland	3,9	5,3	2,3	1,8	2,0	4,1	2,9	4,4	5,3	0,9	–8,2	3,1
France	2,0	3,7	1,8	0,9	0,9	2,5	1,8	2,5	2,3	–0,1	–2,7	1,5
Croatia	…	3,0	3,0	4,6	4,7	3,4	3,4	3,8	3,8	1,0	–6,6	…
Czech Republic	5,9	3,6	2,5	1,9	3,6	4,5	6,3	6,8	6,1	2,5	–4,1	2,3
Switzerland	0,4	3,6	1,2	0,4	–0,2	2,5	2,6	3,6	3,6	1,9	–1,9	2,6
Sweden	3,9	4,5	1,3	2,5	2,3	4,2	3,2	4,3	3,3	–0,6	–5,3	5,7

25.9. GDP per capita

(at the 2005 prices and PPPs; USD)

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	**3920**	**3706**	**4793**	**5416**	**5605**	**6058**	**6578**	**6766**	**5793**	**6055**
Austria	27578	31697	32218	32830	33409	34433	35575	36195	34678	35311
Azerbaijan	1888	2526	3316	3614	4515	5993	7397	8085	8726	9108
Belgium	26681	30389	30907	31772	32141	32740	33497	33562	32391	32813
Belarus	4200	5816	6934	7765	8541	9436	10278	11356	11426	12341
Bulgaria	7267	7272	8572	9198	9836	10531	11267	12017	11391	11466
Armenia	1679	2258	3662	3602	4096	4631	5261	5117	4813	4903
Greece	17766	20503	23186	24116	24572	25738	26733	26900	26243	25021
Georgia	1758	2502	3135	3327	3610	3916	4409	4516	4319	4567
Denmark	28073	31662	31847	32500	33196	34209	34604	34017	32070	32488
Estonia	7600	11084	13999	15066	16531	18315	19616	18643	16058	16560
Israel	20560	23175	21982	22700	23390	24290	25130	25652	25325	26271
Ireland	21582	32390	36250	37261	38623	39913	40945	38803	35661	35229
Iceland	24750	29871	30944	32944	32952	35620	36880	36448	33955	32786
Spain	21006	25128	26435	26859	27377	28044	28525	28316	27063	26940
Italy	25269	27717	28018	28168	28144	28554	28766	28168	26539	26760
Kazakhstan	4497	5405	7352	8001	8699	9529	10264	10479	10482	11087
Canada	27911	32653	33813	34503	35170	35781	36181	35986	34738	35445
Kyrgyzstan	1232	1510	1660	1758	1737	1774	1910	2053	2104	2051
Latvia	6271	8529	10733	11728	13041	14716	16269	15647	12901	12948
Lithuania	7386	9518	12126	13088	14197	15402	17010	17600	15089	15533
Luxemburg	48410	61061	63949	65843	68327	70647	74144	73932	69924	71054
Malta	…	20432	20130	20364	20910	21353	22177	22184	22332	22920
Moldova, Republic of	1893	1657	2036	2192	2362	2482	2562	2768	2606	2788

Table 25.9 continued

	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010
Netherlands	28462	33698	33849	34493	35111	36249	37585	38148	36462	36918
Germany	27840	30551	30739	31117	31366	32461	33365	33754	32257	33477
Norway	37535	43642	44897	46368	47319	47993	48832	48538	47135	46699
Poland	9072	11814	12618	13298	13786	14655	15656	16459	16707	17326
Portugal	17498	21102	21026	21230	21294	21530	21993	21962	21391	21666
Russian Federation	7845	8595	10294	11090	11856	12879	14015	14767	13617	14166
Romania	7180	6930	8196	8925	9327	10092	10759	11580	10786	10675
Slovakia	10817	12698	14456	15178	16175	17537	19362	20454	19433	20169
Slovenia	15985	19762	21665	22607	23472	24758	26304	27226	24785	24999
United Kingdom	25362	29591	31466	32238	32724	33445	34116	33865	32009	32339
USA	34111	39750	40711	41784	42664	43391	43801	43397	41890	42722
Tajikistan	1121	985	1252	1352	1413	1477	1558	1646	1674	1574
Turkey	8550	9732	9854	10642	11394	12034	12449	12349	11632	…
Hungary	11518	13930	15641	16385	16938	17580	17744	17922	16749	16983
Finland	21907	27333	28838	29940	30708	31939	33501	33673	30755	31730
France	25292	28297	28724	29242	29555	30076	30576	30379	29388	29661
Croatia	10323	12759	14347	14834	15332	15928	16543	16722	15639	…
Czech Republic	15599	16887	18392	19207	20366	21683	22888	23211	22118	22578
Switzerland	31834	34594	34149	34784	35478	36492	37519	37846	36707	37715
Sweden	24640	29146	30656	31826	32701	33915	34783	34299	32194	33740

25.10. Industrial production indices

(at constant prices; percentage of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine[1, 2]	**88,0**	**113,2**	**114,2**	**107,0**	**115,8**	**112,5**	**103,1**	**106,2**	**107,6**	**94,8**	**78,1**	**111,2**
Austria	105,1	108,7	103,1	101,0	101,8	107,0	104,0	107,1	105,8	102,3	88,2	107,0
Azerbaijan	78,6	106,8	105,0	103,8	106,1	105,5	133,7	136,5	124,0	105,9	108,7	102,5
Belgium	106,3	83,2	105,4	111,5	102,0	106,4	103,6	104,1	106,7	103,6	90,5	112,3
Belarus	88,3	107,7	105,9	104,5	107,1	115,9	110,5	111,4	108,7	111,5	97,2	111,3
Bulgaria	…	…	102,1	104,7	113,0	112,8	106,9	106,0	109,6	100,6	82,6	101,0
Bosnia and Herzegovina	164,7	109,4	112,4	109,3	104,6	113,3	105,9	110,5	108,4	107,7	88,5	104,3
Armenia	101,4	106,3	105,3	114,6	115,2	102,0	107,6	99,0	102,6	102,0	92,1	109,7
Greece	101,7	110,8	96,6	100,2	100,5	100,7	98,4	100,8	102,3	95,8	90,8	93,4
Georgia	86,8	110,6	94,9	116,0	117,9	102,2	130,5	129,2	106,5	95,3	89,4	117,7
Denmark	104,0	106,6	101,4	101,0	100,2	98,5	102,5	104,1	98,1	98,9	85,0	101,8
Estonia	…	114,5	108,8	108,4	111,0	110,4	111,0	109,9	106,4	94,9	76,0	120,8
Israel	108,4	110,0	95,0	98,1	99,7	107,0	103,6	109,9	104,4	107,5	93,9	107,8
Ireland	119,4	114,3	111,0	108,2	105,6	101,2	104,0	103,0	105,2	97,8	95,5	107,3
Spain	104,7	104,0	98,8	99,9	101,5	102,0	100,2	103,7	102,4	92,9	83,8	100,9
Italy	105,4	103,1	99,2	98,7	99,0	100,9	98,2	103,1	102,6	96,8	81,2	106,5
Kazakhstan	91,9	115,5	113,9	110,5	109,1	109,9	105,1	107,0	104,5	102,1	101,7	110,0
Canada	104,6	108,6	96,0	101,6	100,1	101,6	102,0	99,4	99,2	94,4	89,3	105,8
Cyprus	…	106,2	104,8	101,7	100,0	101,8	100,5	100,4	104,8	104,4	90,8	98,3
Kyrgyzstan	82,0	105,9	105,6	89,0	117,1	104,5	87,9	89,8	107,3	114,8	93,7	109,7
Latvia	…	97,4	110,5	106,9	107,8	107,2	107,1	106,5	101,1	96,8	81,8	114,8
Lithuania	…	100,3	112,1	106,7	113,5	111,3	107,1	106,5	102,4	105,5	85,4	106,6
Luxemburg	101,4	95,9	105,0	104,9	105,2	105,6	102,2	102,2	99,5	95,0	83,9	110,9
Macedonia, the former Yugoslav Republic of	89,4	103,5	96,8	94,8	104,6	98,7	107,1	103,5	103,8	105,4	92,3	95,2
Moldova, Republic of	96,1	108,0	113,6	110,7	115,8	108,2	107,0	95,1	97,4	100,7	77,8	106,9

Table 25.10 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Netherlands	101,0	104,4	101,3	101,0	98,7	104,5	100,5	101,5	102,3	101,4	92,4	107,1
Germany	100,9	105,1	99,9	98,9	100,5	104,2	103,0	105,3	105,8	100,6	83,6	111,2
Norway	105,7	103,2	99,3	99,1	97,5	99,7	100,0	97,8	98,8	100,5	96,1	94,4
Poland	110,4	107,3	100,9	101,5	108,8	112,7	103,7	112,0	109,3	102,7	96,2	111,1
Portugal	104,6	107,0	102,0	100,5	98,9	95,9	96,2	103,1	100,3	95,9	91,4	101,7
Russian Federation	95,4	108,6	103,0	103,1	108,9	108,2	104,1	103,9	106,4	102,1	90,7	108,2
Romania	109,4	131,1	103,9	99,6	99,2	102,7	96,9	109,3	110,4	102,6	94,5	105,5
Serbia	…	111,4	100,1	101,8	97,0	107,1	100,8	104,7	104,1	101,1	87,9	102,9
Slovakia	108,3	104,3	103,5	107,4	115,2	103,8	99,2	115,6	117,0	103,4	86,2	118,8
Slovenia	109,9	106,2	102,9	102,4	101,4	104,9	103,5	105,7	107,2	102,5	82,6	106,6
United Kingdom	101,8	101,6	98,6	98,3	99,7	100,9	98,4	100,6	100,4	97,1	89,8	102,7
USA	104,8	104,0	96,6	100,2	101,3	102,4	103,2	102,2	102,7	96,3	88,8	105,3
Tajikistan	86,4	109,9	115,1	108,2	110,0	115,1	108,5	105,0	109,9	96,0	93,7	109,7
Turkey	108,5	106,0	91,3	109,5	108,7	109,8	105,6	107,3	107,0	99,4	90,1	113,1
Hungary	104,7	116,7	103,6	103,2	106,9	107,8	106,8	109,9	107,9	99,0	82,4	110,4
Uzbekistan	100,1	105,9	107,6	108,5	106,2	109,4	107,3	111,0	111,9	113,0	109,0	108,3
Finland	105,5	116,6	100,1	101,4	100,0	105,3	99,0	110,1	104,7	101,1	82,0	106,1
France	102,0	103,2	100,9	98,7	98,9	102,1	100,0	100,6	101,4	97,5	87,2	105,5
Croatia	…	101,5	105,9	105,0	103,3	103,2	104,6	104,1	104,9	101,2	90,7	98,6
Czech Republic	108,7	103,7	107,4	104,1	101,6	110,4	103,9	108,3	110,6	98,2	86,4	110,3
Switzerland	…	108,4	99,2	94,9	100,1	104,4	102,7	107,8	109,5	101,3	92,2	…
Sweden	109,9	105,3	99,0	100,0	101,5	105,7	102,5	103,1	103,4	97,4	82,0	109,4

[1] For 1995, data are based on the *General Classification of Economic Industries*; since 2000 data are based on NACE
[2] See methodology notes to Chapter 7

25.11. Consumer price indices

(percentage of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
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**
Austria	102,2	102,4	102,7	101,8	101,4	102,1	102,3	101,5	102,2	103,2	100,5	101,8
Albania	107,8	100,0	103,1	105,5	102,6	102,3	102,4	102,4	102,9	103,4	102,3	103,6
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
Belgium	101,5	102,6	102,5	101,6	101,6	102,1	102,8	101,8	101,8	104,5	99,9	102,2
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
Bulgaria	162,1	110,3	107,4	105,8	102,2	106,4	105,0	107,3	108,4	112,4	102,8	102,4
Bosnia and Herzegovina	…	…	…	…	…	…	…	106,1	101,5	107,4	99,6	102,1
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
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
Georgia	361,4	104,2	104,6	105,7	104,9	105,7	108,2	109,2	109,2	109,9	101,8	107,0
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
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
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
Ireland	…	105,6	104,9	104,6	103,5	102,2	102,4	103,9	104,9	104,0	95,5	99,0
Iceland	101,6	105,1	106,4	105,2	102,1	103,2	104,0	106,7	105,1	112,7	112,0	105,4
Spain	104,7	103,4	103,6	103,1	103,0	103,0	103,4	103,5	102,8	104,1	99,6	101,9
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
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
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
Cyprus	102,6	104,2	102,0	102,8	104,1	102,3	102,6	102,5	102,4	104,7	100,4	102,4
Kyrgyzstan	…	119,7	106,9	102,1	103,0	104,1	104,4	105,6	110,2	124,5	106,9	108,0
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
Lithuania	139,7	101,0	101,4	100,3	98,9	101,1	102,7	103,8	105,7	110,9	104,4	101,3
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
Malta	103,5	102,4	102,9	103,0	100,5	102,8	103,0	102,8	101,2	104,3	102,1	101,5

Table 25.11 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Macedonia, the former Yugoslav Republic of	116,4	106,6	105,2	102,3	101,1	99,4	99,3	103,3	102,8	107,2	99,4	…
Netherlands	101,9	102,3	104,2	103,3	102,1	101,2	101,7	101,1	101,6	102,5	101,2	101,3
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
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
Poland	128,1	110,1	105,5	101,9	100,8	103,6	102,1	101,1	102,4	104,3	103,8	102,7
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
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
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
Serbia	…	…	195,0	119,5	109,9	111,1	116,2	111,8	106,1	111,6	108,1	…
Slovakia	109,9	112,0	107,3	103,3	108,6	107,5	102,7	104,5	102,8	104,6	101,6	101,1
Slovenia	113,4	108,9	108,4	107,5	105,6	103,6	102,5	102,5	103,6	105,7	100,9	101,8
United Kingdom	103,4	102,9	101,8	101,6	102,9	103,0	102,8	103,2	104,3	104,0	99,4	104,6
USA	102,8	103,4	102,8	101,6	102,3	102,7	103,4	103,2	102,9	103,8	99,6	101,6
Tajikistan	782,1	132,9	138,6	112,2	116,3	107,2	107,2	110,0	113,4	120,9	106,4	106,4
Turkey	188,6	154,9	154,4	145,0	125,3	110,6	110,1	110,5	108,8	110,4	106,3	108,6
Hungary	128,6	109,8	109,1	105,5	104,4	106,8	103,6	103,9	107,9	106,1	104,2	104,9
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
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
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
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
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
Sweden	102,5	101,0	102,4	102,2	101,9	100,4	100,5	101,4	102,2	103,4	99,7	101,2

25.12. Industrial producer price indices

(percentage of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
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**
Austria	100,3	104,3	100,1	98,6	100,4	102,0	103,4	102,1	104,1	104,8	98,2	104,0
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
Albania	…	…	…	…	…	110,8	105,1	100,8	103,5	106,5	98,3	100,3
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
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
Bulgaria	…	119,4	103,5	102,2	102,8	105,4	107,3	108,7	108,0	113,2	95,7	107,2
Bosnia and Herzegovina	168,7	100,9	102,3	100,7	102,6	102,4	99,6	103,7	104,4	106,7	88,5	104,3
Armenia	287,8	99,6	101,1	103,6	103,7	121,6	107,6	101,0	100,7	102,2	99,7	123,1
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
Georgia	…	105,8	103,6	106,0	102,6	104,2	107,4	111,0	111,8	109,8	94,3	111,4
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
Estonia	…	…	…	…	100,2	103,4	101,7	104,3	109,6	109,6	99,8	101,7
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
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
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
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
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
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
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
Latvia	…	…	…	100,0	101,8	107,4	107,1	109,6	118,6	115,7	98,3	99,8
Lithuania	…	110,3	99,4	99,4	99,2	102,5	105,9	106,9	109,4	115,8	93,4	104,0

Table 25.12 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
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
Macedonia, the former Yugoslav Republic of	104,7	109,1	102,8	99,4	100,0	100,9	103,2	103,9	101,6	108,1	93,8	95,2
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
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
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
Norway	106,5	113,1	101,6	99,9	106,2	103,8	106,1	108,7	99,4	115,2	98,2	108,5
Poland	…	…	102,8	100,2	101,8	107,7	102,5	103,4	104,0	105,4	102,4	103,7
Portugal	103,8	116,1	102,7	100,4	100,8	102,7	104,1	104,4	102,8	105,2	96,2	103,7
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
Romania	…	156,4	139,4	125,3	118,4	119,2	110,8	110,2	108,4	112,8	102,1	105,8
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
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
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
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
Turkey	…	…	…	…	…	112,2	107,1	109,8	106,0	113,0	101,0	106,1
Hungary	…	114,1	110,3	102,8	105,2	108,4	106,0	108,4	106,5	111,6	101,2	107,3
Finland	…	105,1	99,7	98,8	99,9	100,6	104,2	106,3	103,9	108,6	93,7	106,7
France	…	103,8	101,7	99,9	100,8	102,0	103,1	103,8	102,8	105,6	93,6	103,4
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
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
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

25.13. Human development index[1] in 2010

Country and their place in the world		Human development index	Life expectancy at birth, years	Mean years of schooling	Expected years of schooling	Gross national income per capita, at the 2008 prices and PPPs, USD
1.	Norway	0,938	81,0	12,6	17,3	58810
2.	Australia	0,937	81,9	12,0	20,5	38692
3.	New Zealand	0,907	80,6	12,5	19,7	25438
4.	USA	0,902	79,6	12,4	15,7	47094
5.	Ireland	0,895	80,3	11,6	17,9	33078
7.	Netherlands	0,890	80,3	11,2	16,7	40658
8.	Canada	0,888	81,0	11,5	16,0	38668
9.	Sweden	0,885	81,3	11,6	15,6	36936
10.	Germany	0,885	80,2	12,2	15,6	35308
11.	Japan	0,884	83,2	11,5	15,1	34692
12.	Korea, Republic of	0,877	79,8	11,6	16,8	29518
13.	Switzerland	0,874	82,2	10,3	15,5	39849
14.	France	0,872	81,6	10,4	16,1	34341
15.	Israel	0,872	81,2	11,9	15,6	27831
16.	Finland	0,871	80,1	10,3	17,1	33872
17.	Iceland	0,869	82,1	10,4	18,2	22917
18.	Belgium	0,867	80,3	10,6	15,9	34873
19.	Denmark	0,866	78,7	10,3	16,9	36404
20.	Spain	0,863	81,3	10,4	16,4	29661
22.	Greece	0,855	79,7	10,5	16,5	27580
23.	Italy	0,854	81,4	9,7	16,3	29619
24.	Luxembourg	0,852	79,9	10,1	13,3	51109
25.	Austria	0,851	80,4	9,8	15,0	37056
26.	United Kingdom	0,849	79,8	9,5	15,9	35087
27.	Singapore	0,846	80,7	8,8	14,4	48893
28.	Czech Republic	0,841	76,9	12,3	15,2	22678
29.	Slovenia	0,828	78,8	9,0	16,7	25857

Table 25.13 continued

Country and their place in the world	Human development index	Life expectancy at birth, years	Mean years of schooling	Expected years of schooling	Gross national income per capita, at the 2008 prices and PPPs, USD
31. Slovakia	0,818	75,1	11,6	14,9	21658
34. Estonia	0,812	73,7	12,0	15,8	17168
36. Hungary	0,805	73,9	11,7	15,3	17472
40. Portugal	0,795	79,1	8,0	15,5	22105
41. Poland	0,795	76,0	10,0	15,2	17803
44. Lithuania	0,783	72,1	10,9	16,0	14824
45. Chile	0,783	78,8	9,7	14,5	13561
48. Latvia	0,769	73,0	10,4	15,4	12944
50. Romania	0,767	73,2	10,6	14,8	12844
51. Croatia	0,767	76,7	9,0	13,8	16389
58. Bulgaria	0,743	73,7	9,9	13,7	11139
61. Belarus	0,732	69,6	9,3	14,6	12926
64. Albania	0,719	76,9	10,4	11,3	7976
65. Russian Federation	0,719	67,2	8,8	14,1	15258
66. Kazakhstan	0,714	65,4	10,3	15,1	10234
67. Azerbaijan	0,713	70,8	10,2	13,0	8747
69. **Ukraine**	**0,710**	**68,6**	**11,3**	**14,6**	**6535**
74. Georgia	0,698	72,0	12,1	12,6	4902
76. Armenia	0,695	74,2	10,8	11,9	5495
83. Turkey	0,679	72,2	6,5	11,8	13359
89. Turkmenistan	0,669	65,3	9,9	13,0	7052
92. China	0,663	73,5	7,5	11,4	7258
99. Moldova, Republic of	0,623	68,9	9,7	12,0	3149
102. Uzbekistan	0,617	68,2	10,0	11,5	3085
109. Kyrgyzstan	0,598	68,4	9,3	12,6	2291
112. Tajikistan	0,580	67,3	9,8	11,4	2020
119. India	0,519	64,4	4,4	10,3	3337

[1] According to United Nations Development Program data

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