

STATE STATISTICS COMMITTEE OF UKRAINE

**STATISTICAL
YEARBOOK OF
UKRAINE
for 2008**

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STATE STATISTICS COMMITTEE OF UKRAINE

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The Statistical Yearbook provides data on social and economic situation of Ukraine in 2008 in comparison with the past years. The Yearbook highlights the indicators of the system of national accounts, material production, finance, social sector, population, statistical indicators of the CIS and selected countries of the world.

The publication is intended for a wide audience of readers.



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FOREWORD

Statistical Yearbook of Ukraine for 2008 presents a wide range of statistics on social and economic situation in Ukraine in 2008 compared with 1990, 1995 and 2000–2007. Statistics have been compiled by type of economic and industrial (construction) activity, products type, organizational and legal form, region. The publication covers the following sections: prices and tariffs, Unified State Register of Enterprises and Organizations of Ukraine (Business register), material and energy resources industry, agriculture, hunting, forestry, fishing, fishery, investment and construction activity, transport and communications, foreign economic activity, wholesale and retail trade, restaurant business, services, science, innovations and informatics, population, employment, income and expenditure of the population, housing conditions of the population, education, health care and social aid, culture, leisure, sport and tourism, criminal justice, natural resources and environment protection. Basic indicators of internationally recognized system of national accounts – gross domestic product and gross regional product are included for information of researchers and experts. Information about government finances, monetary system and financial activity of enterprises and organizations is shown separately. Indicators for activity of small enterprises are also published. Statistics on social and economic situation in the CIS countries and international comparisons by selected country are shown in a separate section. Some indicators are presented in retrospect. Most sections have methodological explanations.

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

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ABBREVIATIONS USED IN THE YEARBOOK

bln.– billion	L – litre
centner (100 kg)	Mcal – mega-calorie
cub.m – cubic metre	m – metre
cm – centimetre	mg – milligram
dal – dekalitre	mm – millimetre
Gcal – giga-calorie	mln.– million
g – gramme	µg – microgramme
g/L – gram-litre	% – percent
h – hour	pcs – pieces
ha – hectare	sq.km – square kilometre
kg – kilogramme	sq.m – square metre
kcal – kilo-calorie	t – tonne
km – kilometre	thsd. – thousand
KRB – karbovanets	tkm – tonne-kilometre
kV·A – kilovolt-ampere	UAH – Ukrainian hryvnya
kW – kilowatt	USD – dollar of USA
kW·h – kilowatt-hour	

CONVENTIONAL SYMBOLS USED IN THE YEARBOOK

Dash (–)	– not observed
Dots (...)	– not available
Zero (0; 0,0)	– data are very low for the used units of measure
Symbol (×)	– not applicable
“of which”, “including”	– not all components of the total sum are given. There are cases when all components of the total sum are given, however when rounding the sum of the components does not equal the total

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1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.1. Geopolitical characteristic

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

Population	46,1 mln.
Area	603,5 thsd.sq.km (source: the State Committee of Ukraine of Land Resources)
Length	
from West to East	1316 km
from North to South	893 km
of borders	6500 km
Extreme border locations	
Northern	Petrivka village (Chernihiv oblast)
Southern	Cape Sarych (Autonomous Republic of Crimea)
Western	Chop city (Zakarpattia 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 the temperate continental climate. Southern Crimean climate has subtropical features.

Annual rainfall in 2008		<i>(source: the Ukrainian Hydrometeorological center; mm)</i>	
Steppe	495	Forest	806
Forest-steppe	668	Kyiv city	742

Air temperature		(source: the Ukrainian Hydrometeorological center; °C)
Average monthly air temperature in 2008		
	January	
Steppe	−4,5	22,4
Forest–steppe	−3,7	20,1
Forest	−1,7	19,0
Kyiv city	−3,0	20,8

In 2008 the absolute minimum of air temperature was minus 28⁰ in December in the Luhansk region.

In 2008 the absolute maximum of air temperature was plus 39⁰ in July in the Kherson oblast and in August in the Dnipropetrovsk, Zaporizhzhya, Luhansk, Mykolayiv and Kherson regions.

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Biggest rivers

(source: the Water Fund of Ukraine reference book; 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 Boug	401
Desna	575	Oril'	384

Biggest lakes and estuaries

(source: the Water Fund of Ukraine reference book; sq.km)

<i>Lakes</i>		<i>Estuaries</i>	
Yalpuh	149	Dniprovsko-Buzkyi	800
Kugurluy	82	Utyutskyi	700
Kagul	82–93	Dnistrovskyi	360
Sasyk-Syvash	71	Sasyk, Kunduk	205
		Molochnyi	168
		Tylihulskyi	150–170

Highest mountain peaks

(m)

<i>Ukrainian Carpathians</i>		<i>Crimean Mountains</i>	
Hoverla	2061	Roman-Kosh	1545
Brebeneskul	2032	Demir-Kapu	1540
Petros	2020	Zeytin-Kosh	1534
Hutyn Tomnatyk	2016	Kemal-Egerek	1529
Rebra	2010	Eklizi-Burun	1527
Pip Ivan	1936	Angara-Burun	1453

This geographic note was compiled on the basis of the *Geographical Encyclopedia of Ukraine* (Kyiv: Ukr. Encyclopedia named after M. P. Bazhan, 1989–1993) and *Water Fund of Ukraine* reference book published by State Committee of Ukraine of Water Management (Kyiv: Nika-Centre, 2001).

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

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

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

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

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

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.2. Religious organizations*(beginning of year)*

	1996	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	17045	24311	25942	27446	28740	29699	30507	31227	32018	32639
Centers, departments (eparchies, dioceses, etc.)	161	241	248	269	285	294	299	317	328	340
Communities	16583	23400	24919	26343	27569	28481	29262	29913	30670	31257
Monasteries	147	277	317	344	365	378	386	406	421	432
Missions	79	214	242	261	283	298	309	326	333	340
Brotherhoods	17	53	69	73	75	75	76	80	74	74
Theological schools	58	126	147	156	163	173	175	185	192	196
Number of clergy	15315	22626	24509	25991	26641	27902	28431	29423	29441	29892
Number of Sunday schools	4597	7684	9057	9974	11501	12039	12522	12775	12689	12633

Of the total religious organizations registered at the beginning of 2009, 17383 were Orthodox, 4792 Catholic, 9069 Protestant, 295 communities of Judaic denomination, 535 Moslem, 93 of Eastern cults, 472 other. In addition, 1826 religious organizations operated unofficially.

1.3. Registered public associations*(as of January 1, 2009)*

	Registered public associations	Official status	
		international	all-Ukrainian
Total	3036	644	2392
Political parties	160	—	160
Non-profit organizations	2876	644	2232
People's Rukhs (movements)	10	4	6
Ethnic societies and associations for friendly cooperation	171	74	97
Youth associations	202	17	185
of which, student associations	16	—	16
Children's associations	19	2	17
Women's associations	46	4	42
Associations of veterans and disabled	83	13	70
of which, associations of war veterans and disabled	12	—	12
Professional associations	558	76	482
Environment protection (ecological) associations/societies	65	22	43
Societies for protection of memorials and relics	4	1	3
Health, sports and physical training associations	351	33	318
Associations for protection of people from the Chernobyl disaster consequences	37	23	14
Scientific and technological societies, artistic unions	155	40	115
Educational and cultural associations	211	54	157
Other non-profit organizations	964	281	683
In addition: unions of public associations	121	11	110
charity organizations (associations, funds and other)	992	633	359
trade union organizations	137	—	137

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.4. Total area and present population, by region

(as of January 1, 2009)

	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	46143,7	31587,2	14556,5	68,5	76
Autonomous Republic of Crimea	26,1	1967,3	1237,7	729,6	62,9	75
oblasts						
Vinnitsya	26,5	1660,0	812,6	847,4	49,0	63
Volyn	20,1	1036,2	532,7	503,5	51,4	52
Dnipropetrovsk	31,9	3374,2	2816,1	558,1	83,5	106
Donetsk	26,5	4500,5	4072,1	428,4	90,5	170
Zhytomyr	29,8	1294,2	744,2	550,0	57,5	43
Zakarpattia	12,8	1243,4	461,9	781,5	37,1	97
Zaporizhzhya	27,2	1821,3	1397,1	424,2	76,7	67
Ivano-Frankivsk	13,9	1381,1	594,8	786,3	43,1	99
Kyiv	28,1	1727,9	1049,8	678,1	60,8	61
Kirovohrad	24,6	1027,0	631,7	395,3	61,5	42
Luhansk	26,7	2331,8	2019,6	312,2	86,6	87
Lviv	21,8	2552,9	1547,2	1005,7	60,6	117
Mykolayiv	24,6	1195,8	808,9	386,9	67,6	49
Odesa	33,3	2392,2	1592,3	799,9	66,6	72
Poltava	28,8	1511,4	916,1	595,3	60,6	52
Rivne	20,1	1151,0	548,6	602,4	47,7	57
Sumy	23,8	1184,0	792,4	391,6	66,9	50
Ternopil	13,8	1093,3	474,1	619,2	43,4	79
Kharkiv	31,4	2782,4	2221,5	560,9	79,8	89
Kherson	28,5	1099,2	672,0	427,2	61,1	39
Khmelnyskiy	20,6	1341,4	723,8	617,6	54,0	65
Cherkasy	20,9	1304,2	726,7	577,5	55,7	62
Chernivtsi	8,1	904,1	377,2	526,9	41,7	112
Chernihiv	31,9	1121,3	693,6	427,7	61,9	35
cities						
Kyiv	0,8	2765,5	2765,5	×	100,0	3457
Sevastopol ²	0,9	380,1	357,0	23,1	93,9	422

¹ Source: the State Committee of Ukraine for Land Resources

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

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.5. Administrative and territorial units, by region

(as of January 1, 2009)

	Rayons	Cities and towns		City districts	Townships	Villages
		total	of which have special, republican and oblast status			
Ukraine	490	459	179	118	886	28490
Autonomous Republic of Crimea	14	16	11	3	56	951
oblasts						
Vinnitsya	27	18	6	3	29	1466
Volyn	16	11	4	—	22	1054
Dnipropetrovsk	22	20	13	18	46	1436
Donetsk	18	52	28	21	131	1119
Zhytomyr	23	11	5	2	43	1619
Zakarpattia	13	11	5	—	19	579
Zaporizhzhya	20	14	5	7	23	914
Ivano-Frankivsk	14	15	5	—	24	765
Kyiv	25	26	12	—	30	1127
Kirovohrad	21	12	4	2	27	1004
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	1127
Poltava	25	15	5	5	21	1823
Rivne	16	11	4	—	16	1000
Sumy	18	15	7	2	20	1467
Ternopil	17	18	1	—	17	1023
Kharkiv	27	17	7	9	61	1682
Kherson	18	9	3	3	31	656
Khmelnyskiy	20	13	6	—	24	1415
Cherkasy	20	16	6	2	15	824
Chernivtsi	11	11	2	3	8	398
Chernihiv	22	16	3	2	29	1486
cities						
Kyiv	—	1	1	10	—	—
Sevastopol ¹	—	2	1	4	1	29

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

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.6. Basic social and economic indicators

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Gross domestic product (at current prices), mln. UAH	170070	204190	225810	267344	345113	441452	544153	720731	949864
per capita, UAH	3436	4195	4685	5591	7273	9372	11630	15496	20534
Fixed assets (at current prices, end of year), bln. UAH	829	915	965	1026	1141	1276	1569	2047	3150
Population income, mln. UAH	128736	157996	185073	215672	274241	381404	472061	623289	856633
Consumer price index (Dec. over Dec. of the previous year), percent	125,8	106,1	99,4	108,2	112,3	110,3	111,6	116,6	122,3
Industrial producer price index (Dec. over Dec. of the previous year), percent	120,8	100,9	105,7	111,1	124,1	109,5	114,1	123,3	123,0
Price index for products sold by agricultural enterprises (of the previous year), percent	155,8	105,0	87,4	120,6	105,7	108,1	102,4	138,0	110,3
Consolidated budget, bln. UAH									
Revenue	49,1	54,9	61,9	75,3	91,5	134,2	171,8	219,9	297,9
Expenditure	48,1	55,5	60,3	75,8	102,5	142,0	175,5	227,6	309,2
Deficit	-1,0 ¹	0,6	-1,6 ¹	0,5	11,0	7,8	3,7	7,7	14,1
Financial outcome from usual activity before taxation, bln. UAH	13,9	18,7	14,6	19,6	44,6	64,4	76,3	135,9	9,0
Industrial products sold (at current prices), bln. UAH	182,7	210,8	229,6	289,1	400,8	468,6	551,7	717,1	916,6 ²
Agricultural production (at comparable prices of 2005), bln. UAH	77,9	85,8	86,8	77,3	92,5	92,6	94,9	88,8	104,0
Crop cultivation	43,6	49,1	48,1	41,1	55,6	54,0	54,9	49,7	64,9
Livestock breeding	34,3	36,7	38,7	36,2	36,9	38,6	40,0	39,1	39,1
Fixed capital investment (at current prices), bln. UAH	23,6	32,6	37,2	51,0	75,7	93,1	125,3	188,5	233,1

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Table 1.6 is continued

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Residential buldings put into service, mln.sq.m of total space	5,6	5,9	6,1	6,4	7,6	7,8	8,6	10,2	10,5
Freight shipped by all type of carriers ³ , bln.t	1,5	1,6	1,6	1,7	1,7	1,8	1,9	2,0	2,0
Passenger departure (transportation) by transport of general use ⁴ , bln.	7,8	7,7	7,7	7,7	8,0	8,2	8,2	8,2	8,3
Retail trade turnover of enterprises (at current prices), bln. UAH	28,8	34,4	39,7	50,0	67,6	94,3	130,0	178,2	246,9
Services sold ⁵ , bln. UAH	—	40,2	47,0	56,7	74,4	95,8	120,9	157,0	203,9
Exports of goods and services, bln. USD	18,1	19,8	22,0	27,3	38,0	40,4	45,9	58,3	78,7
Imports of goods and services, bln. USD	15,1	16,9	18,2	24,5	31,1	39,1	48,8	65,6	92,0
Resident population (end of year), mln.	48,7	48,2	47,8	47,4	47,1	46,7	46,5	46,2	46,0
Natural increase, decrease (–) in population, thsd.	–373,0	–369,5	–364,2	–356,8	–334,0	–355,9	–297,7	–290,2	–243,9
Total employed ⁶ , thsd.	20175,0	19971,5	20091,2	20163,3	20295,7	20680,0	20730,4	20904,7	20972,3
Unemployed (ILO methodology) ⁶ , thsd.	2655,8	2455,0	2140,7	2008,0	1906,7	1600,8	1515,0	1417,6	1425,1
Unemployment rate (ILO methodology) ⁶ , percent	11,6	10,9	9,6	9,1	8,6	7,2	6,8	6,4	6,4
Registered unemployed (end of year), thsd.	1155,2	1008,1	1034,2	988,9	981,8	881,5	759,5	642,3	844,9
Registered unemployment rate ⁶ , percent	4,1	3,6	3,7	3,5	3,5	3,1	2,7	2,3	3,0
Average monthly nominal wages ⁷ , UAH	230	311	376	462	590	806	1041	1351	1806

¹ Surplus² Without taking into account the changes of the major type of activity of enterprises³ Since 2002, including commercial cargo transportation by motor vehicles carried out by natural persons⁴ Including passenger transportation by motor vehicles carried out by natural and legal entities of small business⁵ Including VAT⁶ See methodology notes to Chapter 17⁷ Excluding employees of statistically small enterprises and natural persons-entrepreneurs

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.7. Indices of basic social and economic indicators

(percent of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Gross domestic product (at comparable prices)	87,8	105,9	109,2	105,2	109,6	112,1	102,7	107,3	107,9	102,1
per capita	88,5	106,7	111,1	106,3	110,5	113,0	103,5	108,1	108,6	102,6
Fixed assets	99,0	101,0	102,4	101,1	103,3	104,2	103,8	105,0	106,1	105,1
Population income	526,3	131,2	122,7	117,1	116,5	127,2	139,1	123,8	132,0	137,4
Financial outcome from usual activity before taxation	365,3 ¹	...	134,5	78,1	134,2	226,9	144,4	118,5	178,2	6,6
Industrial production ²	88,0	113,2	114,2	107,0	115,8	112,5	103,1	106,2	110,2	96,9
Agricultural production	96,4	109,8	110,2	101,2	89,0	119,7	100,1	102,5	93,5	117,1
Fixed capital investment	71,5	114,4	120,8	108,9	131,3	128,0	101,9	119,0	129,8	97,4
Residential buildings put into service	85,8	90,4	106,8	102,3	105,9	117,6	103,3	110,4	118,7	102,5
Freight shipped by all type of carriers	95,7	99,5	103,3	98,6	106,2	104,7	104,3	103,7	106,3	99,1
Passenger departure (transportation) by transport of general use	77,0	98,3	98,4	100,7	100,0	103,7	102,5	100,5	99,7	101,4
Retail trade turnover of enterprises	86,1	108,1	113,7	115,0	120,5	121,9	123,4	126,4	129,5	117,3
Services sold (at comparable prices)	...	...	...	107,3	116,1	124,4	116,4	113,5	115,7	112,8
Exports of goods and services	...	118,8	109,7	111,1	124,1	139,0	106,3	113,7	127,2	134,9
Imports of goods and services	...	116,6	112,0	107,4	134,7	126,9	125,8	124,8	134,5	140,3
Resident population (end of year)	99,2	99,1	99,1	99,1	99,2	99,3	99,3	99,4	99,4	99,5
Total employed	—	101,1	99,0	100,6	100,4	100,7	101,9	100,2	100,8	100,3
Unemployed (ILO methodology)	—	101,6	92,4	87,2	93,8	95,0	84,0	94,6	93,6	100,5
Registered unemployed (end of year)	154,3	98,4	87,3	102,6	95,6	99,3	89,8	86,2	84,6	131,5
Average monthly wages										
Nominal	514,2	129,6	135,2	121,0	122,8	127,5	136,7	129,2	129,7	133,7
Real	110,6	99,1	119,3	118,2	115,2	123,8	120,3	118,3	112,5	106,3

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

2. NATIONAL ACCOUNTS

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

The State Statistics Committee compiles the national accounts in line with the SNA standard adopted by international organizations 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 sector incorporates the central and local governments, non-profit public sector entities and the State earmarked funds;

- household sector that unites the natural persons both as consumers and in some cases as businessmen;

- 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 (social and cultural sub sectors of non-financial corporations).

The SNA reflects the economy development at various stages of the reproduction process, 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 contains the expenditure for goods and services used by the institutional units for the production needs.

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 or as 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 are 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 State 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.

The 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 off 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 state 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 characterizes the excess of income over expenditure that enterprises have as a result of the production. For the sector of households, this is as a mixed income. The net operating surplus is defined by excluding consumption of fixed capital from the gross operating surplus.

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

The final consumption of goods and services is consisting of expenditure of households for their own final consumption, expenses of the state establishments to meet individual and collective needs of the society. It also includes expenditure for individual final consumption of non-profit organizations that service 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.

Input-output table at consumers' prices is compiled according to the SNA. It gives a comprehensive picture of the processes characterizing reproduction 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 ties of 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 characterized by the **Gross regional product (GRP)** that is generalized indicator of the economic and social development of the region. The definition of the indicators is based on the production method. The region's GRP is comprising of the sum of the gross values added in all types of economic activity, adjusted to the value of indirectly measured services of the financial intermediation and the taxes less subsidies on products.

NATIONAL ACCOUNTS

2.1. Gross domestic product (GDP)

	At current prices		Volume indices			Deflator indices
	gross domestic product	per capita gross domestic product	gross domestic product	per capita gross domestic product	gross domestic product	gross domestic product
	mln. UAH	UAH	as a percentage of the previous year		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 ³	949864	20534	102,1	102,6	74,1	129,1

¹ Bln. KRB

² Thsd. KRB

³ Preliminary data

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

(at current prices; mln. UAH)

	Year	Output	Inter-mediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Agriculture, hunting, forestry	2001	66306	36885	29421	5831	23	23567
	2002	66430	37012	29418	5108	225	24085
	2003	66119	37060	29059	4890	-137	24306
	2004	85668	48410	37258	6044	-689	31903
	2005	94801	54259	40542	6887	-837	34492
	2006	98410	57404	41006	8448	-1740	34298
	2007	113149	65732	47417	11869	-2411	37959
	2008 ¹	154445	90148	64297	14909	-2116	51504
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 ¹	88256	38542	49714	28554	-5880	27040
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 ¹	796095	616451	179644	108122	-1911	73433

NATIONAL ACCOUNTS

Table 2.2 is 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
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 ¹	76358	46775	29583	18266	182	11135
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 ¹	112911	78170	34741	24875	536	9330
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 ¹	227411	97206	130205	43361	3110	83734
Activity of 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 ¹	174985	83792	91193	43963	641	46589
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 ¹	62213	14438	47775	42714	82	4979
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 ¹	46519	17824	28695	24729	96	3870

NATIONAL ACCOUNTS

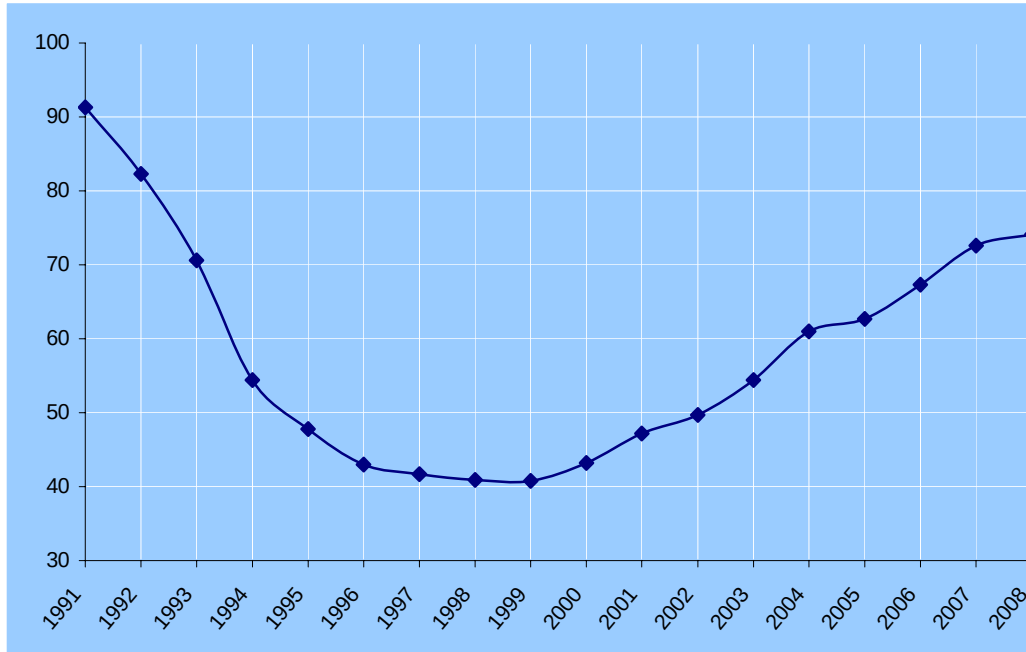
Table 2.2 is continued

	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
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 ¹	343470	135587	207883	115994	932	90957
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 ¹	×	36537	-36537	×	×	-36537
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 ¹	2082663	1255470	827193	465487	-4328	366034
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 ¹	122671	×	122671	×	122671	×
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 ¹	2205334	1255470	949864	465487	118343	366034

¹ See the third footnote to Table 2.1

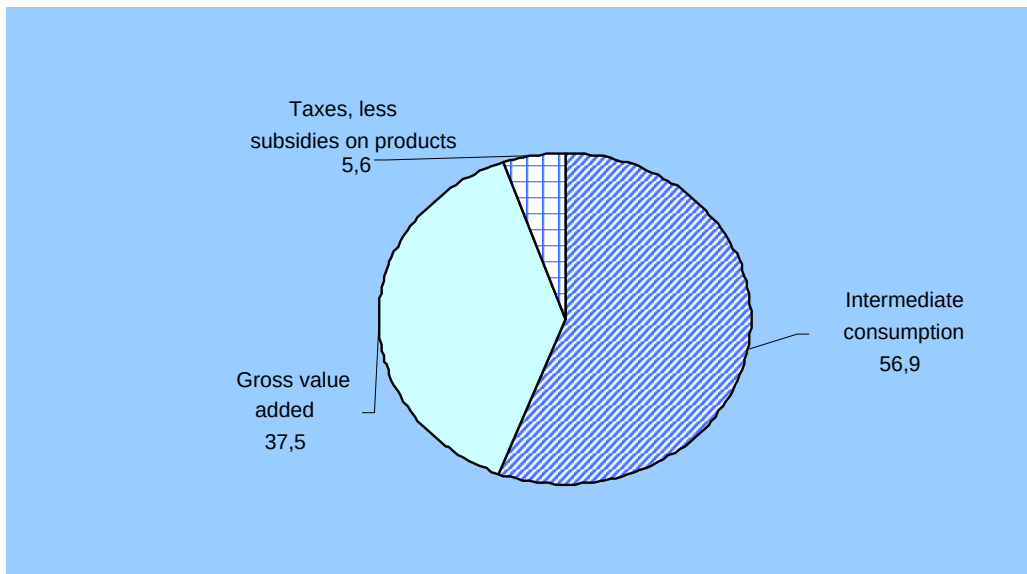
2.3. GDP, volume indices

(percentage of 1990)



2.4. Output structure at market prices in 2008

(percentage of output)



NATIONAL ACCOUNTS

2.5. GDP, by category of final use

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹
	bln. KRB	mln. UAH								
At current prices										
Gross domestic product	5451642	170070	204190	225810	267344	345113	441452	544153	720731	949864
Final consumption expenditure	4165054	127982	156344	170325	201624	245556	337879	424906	558581	752489
of households	2709374	92406	112260	124560	146301	180399	252624	319383	423174	576565
of non-profit institutions providing services to households	296135	3909	4017	4226	4493	4547	4727	5173	6445	7638
of general government	1159545	31667	40067	41539	50830	60610	80528	100350	128962	168286
individual consumption expenditure	713839	19572	23707	24803	29936	36767	49418	61125	79914	104852
collective consumption expenditure	445706	12095 ²	16360	16736	20894	23843	31110	39225	49048	63434
Gross fixed capital formation	1269154	33427	40211	43289	55075	77820	96965	133874	198348	258176
Changes in inventories	178734	−42	4229	2209	3661	−4883	2736	655	4685	15457
Acquisition, less disposal of valuables	6785	146	85	96	115	133	175	211	285	357
Exports of goods and services	2566265	106200	113245	124392	154394	219607	227252	253707	323205	444859
Imports of goods and services	−2734350	−97643	−109924	−114501	−147525	−193120	−223555	−269200	−364373	−521474

NATIONAL ACCOUNTS

Table 2.5 is continued

Table 2.5 is continued										
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹
	bln. KRB	mln. UAH								
Percent of total										
Gross domestic product	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Final consumption expenditure	76,4	75,2	76,6	75,4	75,4	71,2	76,5	78,1	77,5	79,2
of households	49,7	54,3	55,0	55,1	54,7	52,3	57,2	58,7	58,7	60,7
of non-profit institutions providing services to households	5,4	2,3	2,0	1,9	1,7	1,3	1,1	1,0	0,9	0,8
of general government	21,3	18,6	19,6	18,4	19,0	17,6	18,2	18,4	17,9	17,7
individual consumption expenditure	13,1	11,5	11,6	11,0	11,2	10,7	11,2	11,2	11,1	11,0
collective consumption expenditure	8,2	7,1 ²	8,0	7,4	7,8	6,9	7,0	7,2	6,8	6,7
Gross fixed capital formation	23,3	19,7	19,7	19,2	20,6	22,6	22,0	24,6	27,5	27,2
Changes in inventories	3,3	0,0	2,1	1,0	1,4	-1,4	0,6	0,1	0,7	1,6
Acquisition, less disposal of valuables	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,1
Exports of goods and services	47,1	62,4	55,4	55,1	57,8	63,6	51,5	46,6	44,8	46,8
Imports of goods and services	-50,2	-57,4	-53,8	-50,7	-55,2	-56,0	-50,6	-49,4	-50,5	-54,9

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	2001	2002	2003	2004	2005	2006	2007	2008 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	42,3	45,7	45,7	45,6	49,1	49,4	48,8	49,0
Taxes less subsidies on production and imports	19,1	16,8	13,4	12,2	11,3	10,2	12,7	13,5	12,2	12,5
on products	10,6	15,2	11,6	10,9	10,1	9,3	12,0	12,9	11,9	12,9
other, related to production	8,5	1,6	1,8	1,3	1,2	0,9	0,7	0,6	0,3	-0,4
Gross operating surplus, mixed income	37,4	40,9	44,3	42,1	43,0	44,2	38,2	37,1	39,0	38,5

¹ See the third footnote to Table 2.1

NATIONAL ACCOUNTS

2.7. Aggregate national accounts

GOODS AND SERVICES ACCOUNT

(at current prices)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
	bln. KRB	mln. UAH							
Resources									
Output (at basic prices)	12531131	373893	460520	504008	603704	809988	995630	1182179	1565055
Imports of goods and services	2734350	97643	109924	114501	147525	193120	223555	269200	364373
Taxes on products	860809	27338	25060	25484	28205	33122	54183	71618	88212
Subsidies on products	-283460	-1530	-1360	-868	-1078	-1055	-1332	-1588	-2275
Total	15842830	497344	594144	643125	778356	1035175	1272036	1521409	2015365
Uses									
Intermediate consumption	7656838	229631	280030	302814	363487	496942	607029	708056	930261
Final consumption expenditure	4165054	127982	156344	170325	201624	245556	337879	424906	558581
individual	3719348	115887	139984	153589	180730	221713	306769	385681	509533
collective	445706	12095 ¹	16360	16736	20894	23843	31110	39225	49048
Gross fixed capital formation	1269154	33427	40211	43289	55075	77820	96965	133874	198348
Changes in inventories	178734	-42	4229	2209	3661	-4883	2736	655	4685
Acquisition, less disposal of valuables	6785	146	85	96	115	133	175	211	285
Exports of goods and services	2566265	106200	113245	124392	154394	219607	227252	253707	323205
Total	15842830	497344	594144	643125	778356	1035175	1272036	1521409	2015365

¹ See the second footnote to Table 2.5

PRODUCTION ACCOUNT

(at current prices)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
	bln. KRB	mln. UAH							
Resources									
Output (at basic prices)	12531131	373893	460520	504008	603704	809988	995630	1182179	1565055
Taxes, less subsidies on products	577349	25808	23700	24616	27127	32067	52851	70030	85937
Total	13108480	399701	484220	528624	630831	842055	1048481	1252209	1650992
Uses									
Intermediate consumption	7656838	229631	280030	302814	363487	496942	607029	708056	930261
Gross domestic product (at market prices)	5451642	170070	204190	225810	267344	345113	441452	544153	720731
Total	13108480	399701	484220	528624	630831	842055	1048481	1252209	1650992
Fixed capital consumption	-995543	-30223	-34303	-36160	-38885	-46576	-50545	-58265	-73071
Net domestic product	4456099	139847	169887	189650	228459	298537	390907	485888	647660

NATIONAL ACCOUNTS

INCOME DISTRIBUTION AND USE ACCOUNTS

PRIMARY DISTRIBUTION OF INCOME ACCOUNTS

Generation of income account

(at current prices)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
	bln. KRB	mln. UAH							
Resources									
Gross domestic product (at market prices)	5451642	170070	204190	225810	267344	345113	441452	544153	720731
Total	5451642	170070	204190	225810	267344	345113	441452	544153	720731
Uses									
Labour remuneration of employees	2371770	71930	86440	103117	122188	157450	216600	268631	351936
Taxes on production and imports	1332805	31707	30720	30764	34277	40018	62777	82377	101230
Subsidies on production and imports	-293064	-3184	-3456	-3125	-4030	-4855	-6700	-8891	-13389
Gross operating surplus, mixed income	2040131	69617	90486	95054	114909	152500	168775	202036	280954
Total	5451642	170070	204190	225810	267344	345113	441452	544153	720731
Net operating surplus, mixed income	1044588	39394	56183	58894	76024	105924	118230	143771	207883

Allocation of primary income account

(at current prices)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
	bln, KRB	mln. UAH							
Resources									
Gross operating surplus, mixed income	2040131	69617	90486	95054	114909	152500	168775	202036	280954
Labour remuneration of employees	2373027	72099	86741	103490	122940	158578	218384	271313	363041
Taxes on production and imports	1332805	31707	30720	30767	34279	40020	62780	82379	101233
on products	860809	27338	25060	25484	28205	33122	54183	71618	88212
other, related to production	471996	4369	5660	5283	6074	6898	8597	10761	13021
Subsidies on production and imports	-293064	-3184	-3456	-3125	-4030	-4855	-6700	-8891	-13389
on products	-283460	-1530	-1360	-868	-1078	-1055	-1332	-1588	-2275
other, related to production	-9604	-1654	-2096	-2257	-2952	-3800	-5368	-7303	-11114
Income from ownership received from other countries	804	598	597	474	581	910	2035	4000	7302
Total	5453703	170837	205088	226660	268679	347153	445274	550837	739141
Uses									
Income from ownership paid to other countries	89774	5895	4478	4075	4432	5467	8863	15378	21735
Gross national income	5363929	164942	200610	222585	264247	341686	436411	535459	717406
Total	5453703	170837	205088	226660	268679	347153	445274	550837	739141
Net national income	4368386	134719	166307	186425	225362	295110	385866	477194	644335

NATIONAL ACCOUNTS

SECONDARY DISTRIBUTION OF INCOME ACCOUNT

(at current prices)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
	bln. KRB	mln. UAH							
Resources									
Gross national income	5363929	164942	200610	222585	264247	341686	436411	535459	717406
Current taxes on income, property, etc., received from other countries	2045	45	14	2	...	...	281	444	633
Other current transfers received from other countries	78145	6099	8290	10669	12299	14481	15907	17801	20829
Total	5444119	171086	208914	233256	276546	356167	452599	553704	738868
Uses									
Social aid, except aid in kind paid to other countries	...	106	...	2	2	3	4	6	8
Other current transfers paid to other countries	12719	1102	322	297	590	800	1354	1812	3062
Gross disposable income	5431400	169878	208592	232957	275954	355364	451241	551886	735798
Total	5444119	171086	208914	233256	276546	356167	452599	553704	738868
Net disposable income	4435857	139655	174289	196797	237069	308788	400696	493621	662727

USE OF INCOME ACCOUNTS

Use of disposable income account

(at current prices)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
	bln. KRB	mln. UAH							
Resources									
Gross disposable income	5431400	169878	208592	232957	275954	355364	451241	551886	735798
Total	5431400	169878	208592	232957	275954	355364	451241	551886	735798
Uses									
Final consumption expenditure	4165054	127982	156344	170325	201624	245556	337879	424906	558581
individual	3719348	115887	139984	153589	180730	221713	306769	385681	509533
collective	445706	12095 ¹	16360	16736	20894	23843	31110	39225	49048
Gross savings	1266346	41896	52248	62632	74330	109808	113362	126980	177217
Total	5431400	169878	208592	232957	275954	355364	451241	551886	735798
Net savings	270803	11673	17945	26472	35445	63232	62817	68715	104146

¹ See the second footnote to Table 2.5

NATIONAL ACCOUNTS

ACCUMULATION ACCOUNTS

CAPITAL ACCOUNT

(at current prices)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
	bln. KRB	mln. UAH							
Changes in liabilities and net wealth									
Net savings	270803	11673	17945	26472	35445	63232	62817	68715	104146
Capital transfers received from other countries	724	...	...	112	59	101	71	101	136
Capital transfers paid to other countries	...	...	...	...	-1	...	-112	-96	-121
Total (changes in net wealth on account of savings and capital transfers)	271527	11673	17945	26584	35503	63333	62776	68720	104161
Changes in assets									
Gross fixed capital formation	1269154	33427	40211	43289	55075	77820	96965	133874	198348
Fixed capital consumption	-995543	-30223	-34303	-36160	-38885	-46576	-50545	-58265	-73071
Changes in inventories	178734	-42	4229	2209	3661	-4883	2736	655	4685
Acquisition, less disposal of valuables	6785	146	85	96	115	133	175	211	285
Acquisition, less disposal of non-produced non-financial assets	...	...	...	-27	16	10	289	-10	...
Net lending (+), net borrowing (-)	-187603	8365	7723	17177	15521	36829	13156	-7745	-26086
Total	271527	11673	17945	26584	35503	63333	62776	68720	104161

FINANCIAL ACCOUNT

(at current prices; mln. UAH)

	2003	2004	2005	2006	2007
Changes in liabilities and net wealth					
Net lending (+), net borrowing (-)	15521	36829	13156	-7745	-26086
Statistical discrepancy	5239	154	959	-555	5940
Net incurrence of liabilities	6510	43129	81584	94336	196471
Ready cash and deposits	1497	1751	4562	81	8499
Securities excluding equities	4934	11347	13755	17046	29018
Lending and loans	4141	18192	23421	45005	88380
Equities and other types of capital subscription	-1498	8800	39950	27901	53560
Other accounts payable	-2564	3039	-104	4303	17014
Changes in assets					
Net acquisition of financial assets	16792	79804	93781	87146	164445
Monetary gold and special drawing rights	-59	-80	51	96	111
Ready cash and deposits	12123	36173	57265	36284	91198
Securities excluding equities	2679	1093	16351	21699	32158
Lending and loans	53	972	1076	1116	3091
Equities and other types of capital subscription	156	-50	1493	-632	3896
Other accounts receivable	1840	41696	17545	28583	33991

NATIONAL ACCOUNTS

2.8. National accounts by institutional sector of the economy, 2007

PRODUCTION ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
Resources							
Output (at basic prices)	1190917	58233	135275	174185	6445	0	1565055
Total	1190917	58233	135275	174185	6445	0	1565055
Uses							
Intermediate consumption	776971	16416	39910	72163	2703	22098	930261
Gross value added	413946	41817	95365	102022	3742	-22098	634794
Total	1190917	58233	135275	174185	6445	0	1565055
Fixed capital consumption	-58978	-2318	-9902	-718	-1155		-73071
Net value added	354968	39499	85463	101304	2587	-22098	561723

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	Financial inter-mediation	Total economy
Resources							
Gross value added	413946	41817	95365	102022	3742	-22098	634794
Total	413946	41817	95365	102022	3742	-22098	634794
Uses							
Labour remuneration of employees	240413	19096	85341	4721	2365		351936
Other taxes related to production	10697	501	122	1476	222		13018
Other subsidies related to production	-11018	—	—	-96	—		-11114
Gross operating surplus, mixed income	173854	22220	9902	95921	1155	-22098	280954
Total	413946	41817	95365	102022	3742	-22098	634794
Net operating surplus, mixed income	114876	19902	0	95203	0	-22098	207883

NATIONAL ACCOUNTS

Distribution of primary income account

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
Resources							
Gross operating surplus, mixed income	173854	22220	9902	95921	1155	-22098	280954
Labour remuneration of employees				363041			363041
Taxes on production and imports			101233				101233
on products			88212				88212
other, related to production			13021				13021
Subsidies on production and imports			-13389				-13389
on products			-2275				-2275
other, related to production			-11114				-11114
Income from ownership	3754	60441	10953	20078	47		95273
Adjustment for financial intermediation		-22098				22098	0
Total	177608	60563	108699	479040	1202	0	827112
Uses							
Income from ownership	56839	30988	4929	16924	26		109706
Gross balance of primary income	120769	29575	103770	462116	1176	0	717406
Total	177608	60563	108699	479040	1202	0	827112
Net balance of primary income	61791	27257	93868	461398	21	0	644335

NATIONAL ACCOUNTS

SECONDARY DISTRIBUTION OF INCOME ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
Resources							
Gross balance of primary income	120769	29575	103770	462116	1176	0	717406
Current taxes on income, property, etc.			69204				69204
Social insurance contributions	5719	292	89387		75		95473
Social aid, except aid in kind				124472			124472
Other current transfers	1896	4991	30212	18209	5678		60986
Total	128384	34858	292573	604797	6929	0	1067541
Uses							
Current taxes on income, property, etc.	30394	2579	—	35598			68571
Social insurance contributions	3009		65	92399			95473
Social aid, except aid in kind	5719	292	118394		75		124480
Other current transfers	12015	4917	21158	5129	...		43219
Gross disposable income	77247	27070	152956	471671	6854	0	735798
Total	128384	34858	292573	604797	6929	0	1067541
Net disposable income	18269	24752	143054	470953	5699	0	662727

REDISTRIBUTION OF INCOME IN KIND ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
Resources							
Gross disposable income	77247	27070	152956	471671	6854	0	735798
Social transfers in kind				86359			86359
Total	77247	27070	152956	558030	6854	0	822157
Uses							
Social transfers in kind			79914		6445		86359
Gross adjusted disposable income	77247	27070	73042	558030	409	0	735798
Total	77247	27070	152956	558030	6854	0	822157
Net adjusted disposable income	18269	24752	63140	557312	-746	0	662727

NATIONAL ACCOUNTS

USE OF INCOME ACCOUNTS

Use of disposable income account

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
Resources							
Gross disposable income	77247	27070	152956	471671	6854	0	735798
Total	77247	27070	152956	471671	6854	0	735798
Uses							
Final consumption expenditure			128962	423174	6445		558581
individual			79914	423174	6445		509533
collective			49048				49048
Gross savings	77247	27070	23994	48497	409	0	177217
Total	77247	27070	152956	471671	6854	0	735798
Net savings	18269	24752	14092	47779	-746	0	104146

Use of adjusted disposable income account

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
Resources							
Gross adjusted disposable income	77247	27070	73042	558030	409	0	735798
Total	77247	27070	73042	558030	409	0	735798
Uses							
Actual final consumption			49048	509533			558581
individual				509533			509533
collective			49048				49048
Gross savings	77247	27070	23994	48497	409	0	177217
Total	77247	27070	73042	558030	409	0	735798
Net savings	18269	24752	14092	47779	-746	0	104146

NATIONAL ACCOUNTS

ACCUMULATION ACCOUNTS

CAPITAL ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
Changes in liabilities and net wealth							
Net savings	18269	24752	14092	47779	-746	0	104146
Capital transfers received	10610	—	900	1557	633		13700
Capital transfers paid	-1516	—	-12049	-120	—		-13685
Total (changes in net wealth on account of savings and capital transfers)	27363	24752	2943	49216	-113	0	104161
Changes in assets							
Gross fixed capital formation	151657	5758	26245	13980	708		198348
Fixed capital consumption	-58978	-2318	-9902	-718	-1155		-73071
Changes in inventories	6540	372	-47	-2160	-20		4685
Acquisitions less disposals of valuables	—	29	-18	274	—		285
Acquisitions less disposals of non-produced non-financial assets	-38	38	...	...	...		0
Net lending (+), net borrowing (-)	-71818	20873	-13335	37840	354	0	-26086
Total	27363	24752	2943	49216	-113	0	104161

FINANCIAL ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
Changes in liabilities and net wealth							
Net lending (+), net borrowing (-)	-71818	20873	-13335	37840	354	0	-26086
Statistical discrepancy	7120	2974	-4000	0	-154		5940
Net incurrence of liabilities	370679	333406	33174	78173	45		815477
Ready cash and deposits		146446					146446
Securities excluding equities	31786	43810	8262				83858
Lending and loans	132461	55955	2038	77043	45		267542
Equities and other types of capital subscription	79840	66725	8505				155070
Actuarial and technical reserves		490					490
Other accounts payable	126592	19980	14369	1130			162071
Changes in assets							
Net acquisition of financial assets	291741	351305	23839	116013	553		783451
Monetary gold and special drawing rights		111					111
Ready cash and deposits	84702	36586	-842	108146	553		229145
Securities excluding equities	31267	55528	-150	353	...		86998
Lending and loans	—	179857	2396				182253
Equities and other types of capital subscription	46578	52893		5935	—		105406
Actuarial and technical reserves				490			490
Other accounts receivable	129194	26330	22435	1089	—		179048

NATIONAL ACCOUNTS

2.9. Input-output

	Intermediate consumption									
	agriculture, hunting, forestry. Fishing, fishery	mining	manu- facturing	produc- tion and distribu- tion of electricity, gas and water	const- ruction	trade; repair of motor vehicles, household appliances and personal demand items. Activity of hotels and restaurants	activity of trans- port and commu- nications	other activi- ties	finan- cial interme- diation	total consumed
Agriculture, hunting, forestry. Fishing, fishery	40609	215	33246	43	94	1399	86	2983		78675
Mining	783	4034	87431	18919	3169	209	6548	1354		122447
Manufacturing	19391	10597	265086	7646	47257	18585	27633	35382		431577
Production and distribution of electricity, gas and water	1399	5356	19479	5366	773	1794	4892	9937		48996
Construction	83	291	1154	417	2385	528	646	3744		9248
Trade; repair of motor vehicles, household appliances and personal demand items. Activity of hotels and restaurants	12298	6771	139439	461	1284	9881	3704	4187		178025
Activity of transport and communications	4246	7288	34722	1449	4867	14997	15054	10074		92697
Other activities	1671	2174	19292	3352	4022	38558	6448	51246	22098	148861
Intermediate consumption	80480	36726	599849	37653	63851	85951	65011	118907	22098	1110526
Labour remuneration of employees	11973	18370	80946	14266	21091	34806	35474	135010		351936
Taxes on production and imports	1987	5460	61983	7244	6421	4982	6680	6473		101230
Subsidies on production and imports	-2937	-3768	-1858	-1424	-151	-7	-792	-2452		-13389
Gross operating surplus, mixed income	38021	16466	60090	8884	8905	64320	33991	72375	-22098	280954
Gross domestic product	49044	36528	201161	28970	36266	104101	75353	211406	-22098	720731
Output	129524	73254	801010	66623	100117	190052	140364	330313		1831257

¹ The table is aggregated

NATIONAL ACCOUNTS

at consumer prices in 2007¹

(mln. UAH)

Final consumption expenditure			Gross fixed capital formation			Exports of goods and services	Imports of goods and services	Total use
households	NPISHs	general government	gross fixed capital formation	changes in inventories	acquisition less disposals of valuables			
47202		1445	686	-878		9360	-6966	129524
7494		1192		1603		9743	-69225	73254
265925		1595	94791	3065	266	242570	-238779	801010
12859		2630				2183	-45	66623
1183			88099	1370		732	-515	100117
10085		283				8170	-6511	190052
29646		4317				38069	-24365	140364
48780	6445	117500	14772	-475	19	12378	-17967	330313
423174	6445	128962	198348	4685	285	323205	-364373	1831257

NATIONAL ACCOUNTS

2.10. Gross regional product*(at current prices; mln. UAH)*

	1996	2000	2001	2002	2003	2004	2005	2006	2007
Ukraine¹	69287	137993	183296	204342	244497	345113	441452	544153	720731
Autonomous Republic of Crimea	2161	4085	5492	6033	7309	9901	12848	16044	20874
oblasts									
Vinnitsya	2140	3802	5008	5319	6167	8123	10207	12414	15381
Volyn	1012	2195	2872	3112	3512	4994	6553	7687	10072
Dnipropetrovsk	6536	13163	16340	18059	21311	30040	41227	52347	71173
Donetsk	8499	17278	22863	25285	30316	45617	58044	72361	92093
Zhytomyr	1768	2835	3173	3549	4201	5947	7430	8784	11127
Zakarpattia	932	2151	2781	3211	4016	5297	6700	8185	10508
Zaporizhzhya	3767	7568	7968	8629	10177	15255	19968	24787	33158
Ivano-Frankivsk	1483	3117	3901	4518	5544	7311	9622	11316	13916
Kyiv	3015	5926	6439	6868	8129	11883	15362	19188	26221
Kirovohrad	1302	2159	3174	3399	4023	5594	6877	8187	9989
Luhansk	3464	6403	7451	8570	9954	14672	19716	24159	32280
Lviv	3016	5850	7305	8578	10547	13992	17192	21486	27987
Mykolayiv	1737	3314	4353	4702	5337	7934	9553	11876	14767
Odesa	3533	7072	9525	10788	12792	17029	20762	24898	33116
Poltava	2974	5712	6638	7811	8853	13983	18099	22179	28355
Rivne	1397	2513	3186	3467	4053	5599	7263	8924	11180
Sumy	1897	3495	4121	4384	4822	6275	8025	9566	12341
Ternopil	1091	1853	2347	2631	3098	3948	5137	6452	8276
Kharkiv	4331	8271	10465	11801	14515	20524	25618	32023	43868
Kherson	1321	2348	2999	3265	3799	5200	6469	7565	9034
Khmelnyskiy	1854	2949	3611	3944	4698	6344	7958	9603	12339
Cherkasy	2033	3179	3590	3852	4565	6623	9014	10957	13656
Chernivtsi	841	1313	1864	2135	2539	3277	4234	5126	6672
Chernihiv	1739	3073	3465	3836	4576	6181	7627	8950	11532
cities									
Kyiv	5103	15715	31167	35200	43920	61357	77124	95267	135900
Sevastopol	341	654	1198	1396	1724	2213	2823	3822	4916

¹ In 1996, 2000 the total Gross value added (GVA) is shown by region; in 2001–2003, the total is shown for Ukraine, since 2004, gross regional product is shown

NATIONAL ACCOUNTS

2.11. Per capita gross regional product

(at current prices; UAH)

	1996	2000	2001	2002	2003	2004	2005	2006	2007
Ukraine	1356	2788	3766	4239	5114	7273	9372	11630	15496
Autonomous Republic of Crimea	986	1937	2691	2979	3633	4951	6460	8101	10574
oblasts									
Vinnitsya	1145	2104	2812	3019	3534	4700	5966	7328	9159
Volyn	942	2077	2702	2943	3339	4771	6285	7397	9711
Dnipropetrovsk	1706	3562	4558	5090	6058	8609	11909	15239	20868
Donetsk	1646	3509	4692	5263	6385	9713	12490	15725	20197
Zhytomyr	1199	1987	2269	2570	3074	4397	5554	6636	8485
Zakarpattia	723	1677	2208	2557	3207	4238	5373	6576	8452
Zaporizhzhya	1821	3795	4114	4498	5353	8093	10683	13369	18022
Ivano-Frankivsk	1012	2142	2756	3213	3958	5238	6916	8157	10055
Kyiv	1597	3255	3506	3780	4513	6652	8673	10918	15033
Kirovohrad	1069	1860	2790	3025	3632	5122	6394	7723	9546
Luhansk	1253	2439	2900	3394	3997	5973	8131	10085	13628
Lviv	1095	2159	2768	3277	4049	5396	6657	8351	10915
Mykolayiv	1299	2563	3422	3739	4284	6424	7801	9769	12227
Odesa	1371	2828	3843	4391	5245	7028	8619	10379	13827
Poltava	1718	3423	4043	4825	5533	8841	11574	14330	18500
Rivne	1171	2118	2709	2963	3475	4817	6269	7724	9695
Sumy	1364	2631	3149	3401	3795	5009	6497	7848	10249
Ternopil	930	1605	2048	2313	2741	3516	4603	5819	7510
Kharkiv	1410	2799	3580	4070	5045	7182	9025	11353	15645
Kherson	1048	1925	2537	2797	3287	4546	5713	6744	8122
Khmelnyskiy	1233	2028	2511	2773	3337	4549	5764	7023	9100
Cherkasy	1357	2203	2545	2764	3309	4853	6681	8209	10331
Chernivtsi	893	1411	2015	2321	2771	3589	4654	5650	7369
Chernihiv	1296	2407	2780	3108	3764	5163	6474	7714	10081
cities									
Kyiv	1937	5965	11944	13456	16697	23130	28780	35210	49795
Sevastopol	843	1682	3154	3684	4557	5847	7452	10079	12961

NATIONAL ACCOUNTS

2.12. Volume indices of gross regional product

*(at comparable prices;
percentage of the previous year)*

	1996	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹
Ukraine	90,4	104,1	113,6	105,8	110,7	112,1	102,7	107,3	107,9	102,1
Autonomous Republic of Crimea	89,7	100,4	108,9	103,2	112,0	108,5	104,0	106,7	109,0	105,7
oblasts										
Vinnitsya	86,5	104,2	108,1	102,6	103,5	111,9	105,3	106,2	103,4	106,8
Volyn	94,7	110,5	118,4	104,2	102,6	119,0	103,7	103,5	112,1	107,7
Dnipropetrovsk	90,6	105,8	112,8	103,3	108,4	111,0	107,3	108,0	105,3	97,0
Donetsk	93,0	105,2	111,8	102,8	112,5	110,8	97,1	108,3	104,6	97,3
Zhytomyr	87,2	105,9	106,4	107,5	109,4	115,6	101,1	103,6	105,1	103,9
Zakarpattia	91,2	107,8	110,6	109,0	118,7	106,4	98,5	106,6	108,2	104,3
Zaporizhzhya	96,3	104,8	110,1	102,2	111,4	115,6	104,6	106,1	108,5	101,2
Ivano-Frankivsk	84,2	105,2	107,9	110,9	114,4	107,6	105,9	102,5	100,8	96,5
Kyiv	92,4	105,8	103,6	106,2	109,4	109,8	107,3	108,8	105,9	104,8
Kirovohrad	81,8	110,5	120,9	104,6	101,9	118,9	102,4	105,1	97,9	113,7
Luhansk	87,2	105,3	118,9	106,1	109,2	108,2	100,3	104,3	105,2	99,2
Lviv	93,0	103,7	111,1	111,2	112,1	105,2	98,1	108,3	105,8	100,8
Mykolayiv	86,1	101,5	119,3	105,5	104,2	118,1	100,1	107,1	99,5	106,4
Odesa	82,9	96,9	112,3	109,3	109,1	108,1	99,6	103,5	106,3	110,9
Poltava	88,7	93,3	116,3	117,1	105,0	116,7	99,2	108,2	105,8	94,3
Rivne	93,3	102,1	109,4	105,6	109,5	113,1	102,1	106,9	104,5	101,2
Sumy	91,0	104,5	108,9	103,1	102,8	105,9	104,4	103,4	103,4	104,7
Ternopil	89,2	104,9	108,2	108,5	109,2	106,4	102,5	110,3	108,3	106,5
Kharkiv	90,5	103,1	117,9	105,9	113,7	112,2	104,8	107,5	107,2	101,1
Kherson	87,9	103,9	118,0	101,3	107,9	111,2	99,2	104,0	100,4	110,0
Khmelnyskiy	89,8	102,5	112,3	106,6	108,7	112,7	103,9	104,2	104,0	100,5
Cherkasy	86,2	101,5	106,6	103,2	109,8	116,9	107,0	105,6	106,5	115,8
Chernivtsi	88,3	105,8	113,4	108,1	109,4	109,3	101,5	105,5	108,3	106,4
Chernihiv	91,7	106,0	110,5	104,4	107,9	110,0	100,1	103,4	106,5	102,4
cities										
Kyiv	97,1	107,7	121,4	106,4	116,1	116,8	105,8	110,7	119,7	103,2
Sevastopol	89,2	103,0	116,6	108,9	112,5	107,0	100,9	116,3	106,6	103,6

¹ See the third footnote for Table 2.1

NATIONAL ACCOUNTS

2.13. Volume indices for per capita gross regional product

*(at comparable prices;
percentage of the previous year)*

	1996	2000	2001	2002	2003	2004	2005	2006	2007
Ukraine	91,2	104,9	115,6	106,9	111,7	113,0	103,5	108,1	108,6
Autonomous Republic of Crimea	90,6	101,2	112,6	103,9	112,8	109,2	104,6	107,2	109,3
oblasts									
Vinnitsya	87,1	105,1	109,7	103,7	104,5	113,0	106,4	107,3	104,4
Volyn	94,9	111,1	117,7	104,8	103,1	119,5	104,1	103,9	112,3
Dnipropetrovsk	91,5	106,8	116,3	104,4	109,3	111,9	108,2	108,8	106,1
Donetsk	94,3	106,5	113,0	104,3	113,8	112,0	98,2	109,4	105,5
Zhytomyr	87,8	106,8	108,5	108,9	110,5	116,8	102,2	104,7	106,1
Zakarpattia	91,2	108,1	112,7	109,3	119,0	106,6	98,7	106,8	108,3
Zaporizhzhya	97,2	105,8	113,4	103,2	112,4	116,6	105,5	106,9	109,3
Ivano-Frankivsk	84,1	105,4	110,9	111,6	114,9	108,0	106,2	102,8	101,0
Kyiv	93,2	106,9	102,8	107,3	110,3	110,7	108,3	109,6	106,7
Kirovohrad	82,7	111,9	123,3	105,9	103,4	120,7	104,0	106,7	99,1
Luhansk	88,5	106,6	121,5	108,0	110,8	109,6	101,6	105,6	106,4
Lviv	93,4	104,2	114,1	112,1	112,7	105,7	98,5	108,8	106,1
Mykolayiv	86,7	102,4	121,3	106,7	105,2	119,2	100,9	107,9	100,2
Odesa	83,6	97,6	113,3	110,3	109,9	108,9	100,2	103,9	106,5
Poltava	89,4	94,2	118,2	118,8	106,2	118,1	100,3	109,3	106,9
Rivne	93,4	102,4	110,3	106,1	109,9	113,5	102,4	107,2	104,7
Sumy	92,0	106,0	110,5	104,7	104,2	107,4	105,8	104,7	104,7
Ternopil	89,3	105,4	109,0	109,3	109,9	107,1	103,1	111,0	109,0
Kharkiv	91,5	104,1	119,2	106,8	114,6	112,9	105,5	108,2	107,9
Kherson	88,3	105,0	121,7	102,6	109,0	112,3	100,2	105,0	101,3
Khmelnyskiy	90,3	103,4	113,6	107,8	109,8	113,8	104,9	105,2	104,9
Cherkasy	86,9	102,5	109,0	104,4	110,9	118,2	108,2	106,8	107,5
Chernivtsi	88,4	106,1	114,1	108,7	109,8	109,7	101,8	105,8	108,6
Chernihiv	92,8	107,5	113,1	105,5	109,5	111,8	101,7	105,0	108,1
cities									
Kyiv	97,4	107,5	122,5	106,1	115,4	115,8	104,7	109,6	118,7
Sevastopol	90,2	103,5	119,4	109,1	112,6	107,0	100,8	116,1	106,5

3. FINANCE AND CREDIT

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

Budget is a plan, which 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 state 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 state 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 subordinate 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 subordinate 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 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.

Balance 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 is a algebraic sum of profits (losses) that an enterprise received from operating activity, financial and other income (profits), 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.

Profitability of operating activity is a ratio of financial outcome stemming from operating activity to expenditure on operating activity.

Financial outcome from operating activity is a algebraic sum of gross profit (loss), other operating income, administrative expenditure, 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.

Accounts receivable is a debt to an enterprise: to be paid by clients, customers, and other debtors (including the one that could be encashed by promissory note) for the products, goods, operations or services provided to them; taxes, dues and other payments to be paid to the budget by financial

and tax authorities; outstanding debt in the amounts of dividend charged, interests, royalties, etc. that are to be received; debt of connected parties and resulting from internal settlements; other current accounts receivable. Indicators for accounts receivable if debt reserve is created are given in balance in net liquidation value.

Accounts payable is a debt of an enterprise to the natural and legal persons: for tangible values, operations performed and services provided (including those to be met by a promissory note); prepayments obtained from other persons for the expected supply of products, and operations (services) to be performed; all types of payments to be collected for the budget including taxes from employees of enterprise; from off-budget payments; also arrears of wages to be paid off by the enterprise including deposited wages; enterprise's debt to those who set it up connected with profit (dividend, etc.) distribution and formation of statutory capital; debt to connected parties and resulting from internal settlements; and other debts stemming from current liabilities.

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

Monetary aggregate is a measure of money supply and composition.

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

Credit refers to a financial or commodity loan extended under the conditions of reimbursement and interest payment.

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

Lending to economy (bank requirements to credits given to the economy) is provided on account of own funds of banks or the funds of the National Bank of Ukraine in the national or foreign currency and can be short-term (one year and under) and long-term (above one year).

Interest rate is a charge for borrowing expressed as a percentage of the total sum loaned. Interest rate is calculated as a proportion of an annual yield on the principal debt to the total amount loaned.

Deposit is a sum of money left with a bank for safe keeping under defined conditions or for conversion into less liquid tender to gain profit or a guarantee.

Exchange rate is the price of a country's monetary unit expressed in monetary units of other country.

FINANCE AND CREDIT

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

	2002	2003	2004	2005	2006	2007	2008
Revenue	61954,3	75285,8	91529,4	134183,2	171811,5	219936,5	297893,0
Tax revenue	45392,5	54321,0	63161,7	98065,2	125743,1	161264,2	227164,8
Income and profit taxes, taxes on increase of market value	20222,2	26758,5	29375,0	40789,2	48963,2	69189,3	93752,6
including							
personal income tax	10823,9	13521,3	13213,3	17325,2	22791,1	34782,1	45895,8
enterprise profit tax	9398,3	13237,2	16161,7	23464,0	26172,1	34407,2	47856,8
Taxes on ownership	587,3	600,2	658,7	833,4	1084,8	1354,6	1558,4
Fees for use of natural resources	2449,8	2780,3	3383,9	3981,0	4746,7	5948,2	9292,0
including							
land tax	1806,3	2032,3	2293,2	2718,2	3122,3	3889,3	6681,4
Domestic taxes on goods and services	18192,2	18560,6	22738,6	43366,2	61164,4	71914,4	107036,8
including							
VAT	13471,2	12598,1	16733,5	33803,8	50396,7	59382,8	92082,6
Excise on domestic goods	3604,9	4659,1	6091,6	7346,5	7557,3	9072,2	10230,1
Excise on imported goods	493,3	587,0	612,8	598,9	1050,8	1495,5	2553,0
Taxes on international trade and external transactions	2366,2	3794,6	5066,9	6721,9	7373,4	10037,6	12302,6
including							
import tax	2143,7	2992,4	4015,3	6006,5	6972,7	9588,9	11932,8
Other taxes	1574,8	1826,8	1938,6	2373,5	2410,6	2820,1	3222,4
Non-tax revenues	14696,7	18227,2	24571,8	31778,0	40548,3	48553,2	60543,6
Income from ownership and entrepreneurship	1798,5	5158,8	6442,5	10868,3	12678,1	13214,0	22468,7
Administrative payments and charges, revenues from non-commercial sales and sales as by-products	1007,8	1274,0	1681,4	2025,0	2360,1	2963,5	3037,0
Penalties and fines	137,0	306,7	388,7	454,0	431,3	—	—
Other non-tax revenues	11753,4	3736,6	4375,2	7484,8	9831,7	11387,7	14668,7
Own revenues of budget institutions	—	7751,1	11684,0	10945,9	15247,2	20988,0	20369,2
Revenue from capital transactions	1101,2	1788,2	2534,1	2803,9	3218,1	6373,4	6702,4
Official transfers from the governments of foreign countries and international organizations	291,9	212,7	417,8	182,5	153,7	104,5	135,2
Earmarked funds	472,0	736,7	844,0	1353,6	2148,3	3641,2	3347,0

FINANCE AND CREDIT

Table 3.1 is continued

	2002	2003	2004	2005	2006	2007	2008
Expenditure	60318,9	75792,5	102538,4²	141989,5²	175512,2²	227638,3²	312017,5²
Public administration	8588,8	10017,9	12302,4	15480,9	19891,9	24270,9	30829,2
National defence	3536,4	5279,6	6185,8	6041,0	6400,7	9416,5	11733,0
Law enforcement, security and judiciary	5040,4	5843,7	7875,9	10226,8	12718,8	18445,7	27080,9
Economic activity	7200,9	12215,5	18703,8	19115,1	27341,1	40523,4	51322,3
Environment protection	661,6	920,9	1183,3	1252,5	1636,6	2241,3	2764,7
Housing and utilities	1407,6	1823,3	2665,3	3914,2	8024,1	5900,3	8968,5
Health care	7537,9	9708,2	12159,4	15476,5	19737,7	26717,6	33559,9
Intellectual and physical development	1417,9	2052,5	2695,9	3449,8	4328,4	5687,8	7916,1
Education	12269,0	14977,7	18333,2	26801,8	33785,0	44333,6	60959,4
Social protection and social security	12643,9	12953,2	19310,5	39940,2	41419,9	48517,3	74069,7
Lending less repayment	—	—	1122,9	290,7	227,9	1583,9	2813,8
Excess of expenditures over revenues (deficit)	−1635,4³	506,7	11009,0	7806,3	3700,8	7701,7	14124,5
Memorandum items (percent of GDP):							
Revenue	27,4	28,2	26,5	30,4	31,6	30,8	31,4
Expenditure	26,7	28,4	29,7	32,2	32,3	31,9	32,9
Deficit	−0,7 ³	0,2	3,2	1,8	0,7	1,1	1,5

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 lending less repayment

³ Surplus

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

(mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Excess of expenditure over revenue (deficit)	−697,3¹	680,7	−1119,4¹	1043,1	10216,5	7945,7	3776,6	9842,9	12502,0
Deficit financing sources	−697,3 ²	680,7	−1119,4 ²	1043,1	10216,5	7945,7	3776,6	9842,9	12502,0
Domestic financing	−113,1 ²	213,3	232,8	280,9	9615,9	6997,5	−1030,0 ²	6871,0	8672,5
External financing	−584,2 ²	467,4	−1352,2 ²	762,2	600,6	948,2	4806,6	2971,9	3829,5

¹ See the third footnote to Table 3.1

² Debt repayment

3.3. Budgets of Ukraine*(mln. UAH)*

	Consolidated	Including			
		State		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Revenue					
2002	61954,3	42525,0	68,6	19429,3	31,4
2003	75285,8	52708,4	70,0	22577,4	30,0
2004	91529,4	68744,5	75,1	22784,9	24,9
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
Tax revenue					
2002	45392,5	28934,8	63,7	16457,7	36,3
2003	54321,0	35725,7	65,8	18595,3	34,2
2004	63161,7	44853,5	71,0	18308,2	29,0
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	167883,5	73,9	59281,3	26,1
including personal income tax					
2002	10823,9	—	—	10823,9	100,0
2003	13521,3	—	—	13521,3	100,0
2004	13213,3	634,5	4,8	12578,8	95,2
2005	17325,2	838,7	4,8	16486,5	95,2
2006	22791,1	—	—	22791,1	100,0
2007	34782,1	—	—	34782,1	100,0
2008	45895,8	—	—	45895,8	100,0
enterprise profit tax					
2002	9398,3	8161,9	86,8	1236,4	13,2
2003	13237,2	13086,9	98,9	150,3	1,1
2004	16161,7	16025,3	99,2	136,4	0,8
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	47456,4	99,2	400,4	0,8
VAT					
2002	13471,2	13471,2	100,0	—	—
2003	12598,1	12598,1	100,0	—	—
2004	16733,5	16733,5	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	—	—
excise					
2002	4098,2	3887,5	94,9	210,7	5,1
2003	5246,1	5141,0	98,0	105,1	2,0
2004	6704,4	6660,6	99,3	43,8	0,7
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	12783,2	12678,0	99,2	105,2	0,8

FINANCE AND CREDIT

Table 3.3 is continued

	Consolidated	Including			
		State		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Non-tax revenue					
2002	14696,7	12624,7	85,9	2072,0	14,1
2003	18227,2	15790,7	86,6	2436,5	13,4
2004	24571,8	22381,3	91,1	2190,5	8,9
2005	31778,0	28236,3	88,9	3541,7	11,1
2006	40548,3	35752,6	88,2	4795,7	11,8
2007	48553,2	42111,9	86,7	6441,3	13,3
2008	60543,6	52854,2	87,3	7689,4	12,7
Other revenues					
2002	1865,1	965,5	51,8	899,6	48,2
2003	2737,6	1192,0	43,5	1545,6	56,5
2004	3795,9	1509,7	39,8	2286,2	60,2
2005	4340,0	1154,3	26,6	3185,7	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	3283,2	32,2	6901,4	67,8
Expenditure					
2002	60318,9	35530,1	58,9	24788,8	41,1
2003	75792,5	44390,9	58,6	31401,6	41,4
2004 ¹	102538,4	63734,8	62,2	38803,6	37,8
2005 ¹	141989,5	89914,8	63,3	52074,7	36,7
2006 ¹	175512,2	103148,0	58,8	72364,2	41,2
2007 ¹	227638,3	131127,0	57,6	96511,2	42,4
2008 ¹	312017,5	185111,3	59,3	126906,2	40,7
Public administration					
2002	8588,8	6872,3	80,0	1716,5	20,0
2003	10017,9	7862,5	78,5	2155,4	21,5
2004	12302,4	9654,8	78,5	2647,6	21,5
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
National defence					
2002	3536,4	3536,4	100,0	—	—
2003	5279,6	5279,6	100,0	—	—
2004	6185,8	6185,8	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	—	—
Law enforcement, security and judiciary					
2002	5040,4	4676,6	92,8	363,8	7,2
2003	5843,7	5705,1	97,6	138,6	2,4
2004	7875,9	7728,2	98,1	147,7	1,9
2005	10226,8	10142,2	99,2	84,6	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
Economic activity					
2002	7200,9	5581,3	77,5	1619,6	22,5
2003	12215,5	9186,6	75,2	3028,9	24,8
2004	18703,8	14253,1	76,2	4450,7	23,8
2005	19115,1	14041,3	73,5	5073,8	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	51322,2	38693,0	75,4	12629,3	24,6

FINANCE AND CREDIT

Table 3.3 is continued

	Consolidated	Including			
		State		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Environment protection					
2002	661,6	527,8	79,8	133,8	20,2
2003	920,9	726,1	78,8	194,8	21,2
2004	1183,3	895,8	75,7	287,5	24,3
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
Housing and utilities					
2002	1407,6	51,4	3,7	1356,2	96,3
2003	1823,3	82,8	4,5	1740,5	95,5
2004	2665,3	106,5	4,0	2558,8	96,0
2005	3914,2	110,0	2,8	3804,2	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
Health care					
2002	7537,9	1582,3	21,0	5955,6	79,0
2003	9708,2	2351,8	24,2	7356,4	75,8
2004	12159,4	3447,8	28,4	8711,6	71,6
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	20396,6	76,3
2008	33559,9	7365,5	21,9	26194,4	78,1
Intellectual and physical development					
2002	1417,9	424,8	30,0	993,1	70,0
2003	2052,5	645,1	31,4	1407,4	68,6
2004	2695,9	1006,8	37,3	1689,1	62,7
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
Education					
2002	12269,0	4989,3	40,7	7279,7	59,3
2003	14977,7	5735,7	38,3	9242,0	61,7
2004	18333,2	7200,0	39,3	11133,2	60,7
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
Social protection and social security					
2002	12643,9	7273,4	57,5	5370,5	42,5
2003	12953,2	6815,6	52,6	6137,6	47,4
2004	19310,5	12173,3	63,0	7137,2	37,0
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
Lending less repayment					
2002	—	—	—	—	—
2003	—	—	—	—	—
2004	1122,9	1082,7	96,4	40,2	3,6
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

¹ See the second footnote to Table 3.1

FINANCE AND CREDIT

3.4. Financial activities of insurance organizations

(mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Revenue	2016,3	3049,6	6167,2	14913,5	27822,7	23927,0	25511,2	35644,0	49585,5
Insurance premiums	1738,3	2472,5	3757,3	7338,7	12844,8	8072,5	9239,0	13586,9	18391,8
including									
voluntary insurance									
of individuals									
(excluding life									
insurance)	134,2	189,4	245,6	295,8	442,8	592,2	728,4	1094,7	1310,1
voluntary life									
insurance of									
individuals	14,1	10,0	25,8	77,2	167,3	319,7	453,7	628,0	1115,0
voluntary property									
insurance	1061,6	1711,6	2738,9	5728,4	10365,1	5657,1	6521,4	9836,3	13029,7
voluntary insurance									
of third-party									
liabilities	279,0	228,3	357,2	749,8	1254,4	570,2	538,6	661,5	1038,5
mandatory insurance									
of individuals	123,7	152,1	152,2	145,6	177,7	188,6	231,2	216,3	249,3
mandatory property									
insurance	6,5	15,8	45,9	82,7	65,0	94,2	74,8	74,6	108,4
mandatory insurance									
of third-party									
liabilities	119,2	165,3	191,7	259,2	372,5	650,5	690,9	1075,5	1540,8
Reinsurance premium									
receipts	331,6	469,2	660,4	1161,7	5949,2	4825,7	4105,0	3352,6	5594,3
Proportion of insurance									
premiums and insurance									
payments paid by									
reinsurers	30,9	72,0	62,8	358,5	1150,8	461,1	402,6	619,4	895,9
Reserves of unearned									
premiums at the									
beginning of reporting									
period	319,0	469,7	627,9	985,2	1361,8	2309,0	2168,1	2472,4	3894,8
Reserves of unearned									
premiums at the end of									
reporting period	525,8	614,2	1005,0	1393,7	2984,1	2427,7	3284,9	4044,4	4763,9
Amount returned from									
reserves other than									
reserves of unearned									
premiums	19,0	19,7	44,1	91,3	150,4	324,3	639,2	914,5	1633,6
Other revenue	103,3	160,7	2019,7	6371,8	9349,8	10362,1	12242,2	18742,6	23939,0
of which revenue from									
investment and									
placement of									
temporary unused									
funds	35,7	50,7	1325,9	3723,7	4662,9	2616,1	2791,0	1422,6	1163,1
Insurance premiums									
paid by non-residents as									
part of total revenue	25,2	106,4	66,4	145,9	76,1	45,0	84,0	167,9	514,4

FINANCE AND CREDIT

Table 3.4 is continued

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Expenditure	1832,4	2568,0	5407,3	13002,4	24380,1	20590,1	23557,2	33059,4	46910,0
Insurance payments	399,6	405,0	523,1	847,5	1387,8	1459,1	2445,5	3634,4	5348,9
on voluntary insurance of individuals (except life insurance)	142,7	100,9	163,6	206,7	327,2	240,7	299,5	421,1	571,1
on voluntary life insurance of individuals	9,1	9,4	2,9	4,3	13,1	11,2	33,5	59,6	89,8
on voluntary property insurance	115,3	137,7	185,2	356,6	777,5	945,5	1799,6	2774,7	4090,4
on voluntary insurance of third-party liabilities	65,0	48,8	65,6	69,3	59,4	58,4	62,7	81,1	67,6
on mandatory insurance	67,5	108,2	105,8	210,6	210,6	203,3	250,2	297,9	530,0
Proportion of insurance payments paid to reinsurers	896,7	1400,8	2099,1	4826,4	11553,0	6115,7	5612,0	6083,3	9058,9
Insurance payments paid under reinsurance contracts	8,0	22,9	22,6	100,1	169,2	440,4	286,4	414,6	1363,2
Amount allocated to reserves other than reserves of unearned premiums	20,4	37,2	55,8	131,8	272,3	662,4	1024,8	1556,3	2822,4
Expenditure on insurance transactions	300,7	412,4	496,1	740,6	1803,5	1577,1	2272,9	3674,8	5789,5
of which labour remuneration	91,5	120,2	139,7	160,7	227,1	354,3	568,3	839,4	1403,6
Payments to budgets of all levels	60,4	71,1	97,4	143,0	245,3	250,6	300,0	443,9	726,5
Dividends and interest paid on securities	11,6	22,5	16,9	31,7	13,1	23,7	346,8	179,6	159,3
Other expenditure	135,0	196,1	2096,3	6181,3	8935,9	10061,1	11268,8	17072,5	21641,3
Insurance payments to non-residents as part of total expenditure	80,9	71,7	99,4	118,4	19,7	9,5	59,1	305,7	908,7

FINANCE AND CREDIT

3.5. Financial outcome from usual activity before taxation, by type of economic activity

(mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹
Profit, loss (–)²	13933,0	18740,6	14641,2	19643,3	44578,4	64370,8	76253,4	135897,9	8954,2
Agriculture, hunting, forestry	1752,4	899,1	–254,6	769,5	2768,0	3702,4	2731,8	7624,2	5662,3
Industry	8834,6	8537,2	2866,5	7137,0	18936,9	28264,3	34699,6	43700,9	21743,5
Construction	40,3	722,8	–39,6	14,1	770,6	872,2	1603,1	1629,0	–6418,1
Trade; repair of motor vehicles, household appliances and personal demand items	1195,1	2352,0	4356,4	573,7	6930,2	9464,2	10334,8	16816,9	–31374,8
Activity of hotels and restaurants	–20,0	–27,2	–9,3	–73,9	–30,6	83,1	–63,2	–1,5	–1374,3
Activity of transport and communications	706,7	4135,7	4269,4	5805,2	6665,6	9629,7	8499,7	11342,8	4521,1
Financial activity	1211,7	2344,9	2358,1	4252,7	7058,0	9334,3	11664,7	22592,6	25314,9
Real estate transactions, renting, engineering and provision of services to businessmen	92,5	–146,3	929,2	1187,0	1101,2	2636,0	6051,2	31731,2	–7476,6
Provision of communal and individual services; cultural and sporting activity	46,0	–290,2	75,8	–79,5	255,8	81,3	546,0	411,5	–1714,2

¹ Excluding main activity to be changed by enterprises² Excluding budgetary institutions**3.6. Structure of working assets**

(end of year; percent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total¹	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Stocks	23,9	23,1	21,6	21,4	22,2	23,5	22,8	22,5	21,1
Receivables	65,9	68,5	69,5	67,8	64,9	60,2	59,3	59,2	61,4
Current financial investment	—	1,5	1,7	2,7	3,7	4,9	5,6	6,4	6,6
Cash	3,5	3,4	3,9	4,8	5,7	7,7	7,6	8,3	7,6
Other working assets	6,7	3,5	3,3	3,3	3,5	3,8	4,7	3,6	3,3

¹ Excluding banks and budgetary institutions

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3.7. Working assets, by type of economic activity*(end of year; mln. UAH)*

	Total working assets					Including stocks				
	2000	2005	2006	2007	2008 ¹	2000	2005	2006	2007	2008 ¹
Total²	321683,1	700719,2	899824,0	1226964,1	1665319,5	76951,6	164326,3	204914,2	275793,4	351435,8
Agriculture, hunting, forestry	17443,1	32499,1	31581,5	46092,2	73283,9	11764,0	17259,0	17574,8	23283,5	33768,9
Industry	160564,0	243346,4	290520,3	364159,7	481336,9	37083,4	72882,4	86699,3	110380,7	130206,8
Construction	10482,6	32921,0	43704,4	70815,6	99514,2	2688,0	8694,0	10770,7	17081,3	23655,6
Trade; repair of motor vehicles, household appliances and personal demand items	79757,7	239175,6	334771,3	466424,1	607379,6	16349,6	49168,2	69415,4	99774,5	120660,3
Activity of hotels and restaurants	531,0	1887,9	2991,3	4546,2	4952,7	176,1	356,0	477,7	667,9	746,2
Activity of transport and communications	32334,8	31968,5	36368,4	51952,6	66229,5	5351,5	6839,9	8109,2	10203,6	12106,4
Financial activity	3843,7	43007,0	59525,2	89229,5	115309,1	197,0	301,3	535,4	1211,1	2112,6
Real estate transactions, renting, engineering and provision of services to businessmen	13090,4	62540,3	94504,9	125568,6	206447,3	2670,2	7494,2	10398,6	12095,9	26793,3
Provision of communal and individual services; cultural and sporting activity	2265,3	8891,1	3344,7	5205,8	7088,7	266,0	430,7	375,5	525,1	666,8

¹ See the first footnote to Table 3.5² See the footnote to Table 3.6

3.8. Loss-making enterprises, by type of economic activity¹

	2000 ²		2005		2006		2007		2008 ³	
	percentage of total number of enterprises	losses, mln. UAH	percentage of total number of enterprises	losses, mln. UAH	percentage of total number of enterprises	losses, mln. UAH	percentage of total number of enterprises	losses, mln. UAH	percentage of total number of enterprises	losses, mln. UAH
Total	37,7	22190,4	34,2	24794,3	33,5	34395,2	32,5	47096,5	37,2	184714,9
Agriculture, hunting, forestry	34,5	1532,9	33,8	1707,3	31,3	1956,1	26,3	1993,7	28,4	6072,4
Industry	42,2	9810,3	36,5	8888,3	34,7	11203,4	33,4	13256,0	39,1	49432,8
Construction	40,0	843,1	33,8	1770,6	31,9	1975,3	32,1	3788,8	37,2	13371,5
Trade; repair of motor vehicles, household appliances and personal demand items	36,3	4323,2	30,1	6024,6	30,6	8713,2	29,3	12255,3	34,3	57024,2
Activity of hotels and restaurants	44,1	112,7	37,2	224,3	35,8	384,4	34,0	516,3	37,8	1878,5
Activity of transport and communications	47,4	3823,6	38,3	1778,3	37,2	2774,9	35,5	3384,5	40,4	12060,5
Financial activity	38,8	172,4	33,7	750,2	33,1	1712,1	33,0	2004,0	38,5	9638,6
Real estate transactions, renting, engineering and provision of services to businessmen	32,3	1223,4	38,8	2913,8	38,0	4862,7	37,8	8356,0	41,5	31629,7
Provision of communal and individual services; cultural and sporting activity	37,9	190,8	35,8	497,3	35,0	579,1	34,8	1224,7	40,0	3102,6

¹ See the second footnote to Table 3.5² See the footnote to Table 3.6³ See the first footnote to Table 3.5

FINANCE AND CREDIT

3.9. Profitability of operational activity, by type of economic activity

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹
Total²	2,7	4,5	4,2	4,3	6,4	7,0	6,6	6,8	3,9
Agriculture, hunting, forestry	-1,6	5,3	0,0	4,2	10,7	12,7	10,0	19,0	12,4
Industry	4,8	3,7	2,6	3,3	4,7	5,5	5,8	5,8	5,0
Construction	1,3	3,5	1,2	2,2	2,1	2,2	3,1	2,6	-1,8
Trade; repair of motor vehicles, household appliances and personal demand items	1,0	10,3	14,9	6,9	12,0	14,8	12,7	13,1	-1,3
Activity of hotels and restaurants	1,0	0,8	1,1	1,1	2,2	4,2	1,1	1,3	-6,2
Activity of transport and communications	2,4	8,3	9,2	11,0	10,3	11,7	9,9	9,8	6,9
Financial activity	8,2	16,3	17,1	13,1	28,1	17,5	7,5	6,8	5,5
Real estate transactions, renting, engineering and provision of services to businessmen	1,4	-0,6	0,5	0,2	-0,2	0,3	2,9	3,7	4,3
Provision of communal and individual services; cultural and sporting activity	0,5	-6,6	-0,2	-1,3	0,4	0,8	1,2	2,6	-6,6

¹ See the first footnote to Table 3.5² See the footnote to Table 3.6**3.10. Profitability of operational activity of industrial enterprises**

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹
Industry	4,8	3,7	2,6	3,3	4,7	5,5	5,8	5,8	5,0
Mining	8,7	11,5	4,4	3,4	8,5	14,4	9,2	11,4	22,2
Manufacturing	5,9	4,2	3,1	4,2	5,4	5,3	5,5	5,9	3,5
including									
production of footstuffs, beverages and tobacco products	3,3	4,0	3,3	2,7	2,0	3,7	5,1	4,7	2,3
light industry	-0,1	1,1	-1,6	0,4	0,4	-0,2	0,2	0,7	-1,9
wood working and production of wood products apart from furniture	1,0	3,2	-1,3	3,2	4,1	4,5	2,5	3,7	-2,0
cellulose and paper industry; printing	8,3	8,9	7,1	4,5	7,7	6,4	6,3	5,0	1,5
production of coke and refined petroleum products	...	1,4	4,0	1,5	4,9	4,1	3,6	3,5	0,6
chemical and petrochemical industry	7,8 ²	3,8	1,8	5,2	7,0	7,8	4,0	4,5	4,8
metallurgy and production of finished metal products	9,8	5,1	4,6	7,9	9,2	7,2	8,5	8,3	5,2
engineering	-0,3	4,0	1,5	1,9	3,1	3,4	2,6	4,3	3,1
Production and distribution of electricity, gas and water	-0,6	-1,0	0,4	-0,2	-1,3	1,5	5,2	2,2	2,0

¹ See the first footnote to Table 3.5² Chemical industry

3.11. Accounts receivable and accounts payable, by region*(mln. UAH)*

	Receivables					Payables				
	2000	2005	2006	2007	2008	2000	2005	2006	2007	2008
Ukraine¹	211998,1	421820,6	534038,3	726514,6	1023035,2	305134,6	545105,9	661755,9	858963,1	1181141,0
Autonomous Republic of Crimea	2565,5	7334,7	9413,3	12559,2	16304,2	4597,4	9590,9	11768,3	15332,1	19347,6
oblasts										
Vinnitsya	1949,4	5076,6	7256,9	8582,0	10584,2	3482,6	7027,5	8800,5	9942,6	14134,3
Volyn	1731,4	11024,3	12788,1	11798,9	16319,3	2913,9	14212,6	14324,9	18125,5	18293,6
Dnipro-petrovsk	21570,9	61182,0	75218,4	99356,0	146069,7	34499,6	71183,2	82685,0	97706,4	143088,8
Donetsk	27611,4	51881,6	62534,9	88730,4	142238,5	40558,9	67308,6	83055,6	107806,6	157176,9
Zhytomyr	1388,3	2040,5	2866,7	3605,7	5260,7	2220,3	3059,4	3765,1	4447,9	6368,5
Zakarpattia	696,5	2109,0	2996,0	3415,7	4511,7	1164,0	2781,5	3598,5	4371,2	5746,8
Zaporizhzhya	8821,5	11848,0	13570,7	16826,5	25832,5	11616,9	14174,8	15795,1	19281,7	27669,4
Ivano-Frankivsk	2652,3	4602,5	8037,3	11779,0	17244,4	4241,2	7696,5	11027,7	17163,4	25328,2
Kyiv	4324,8	13828,7	19417,5	29600,7	39048,4	6409,0	17377,4	25014,0	36814,2	48375,7
Kirovohrad	1902,9	2426,2	3202,0	5063,5	6534,9	4479,4	3436,3	4124,7	6632,7	7889,2
Luhansk	8309,2	15695,8	16768,9	20155,4	27489,3	14963,9	23011,2	23736,1	27561,1	32772,9
Lviv	5892,3	10149,2	12819,7	18386,6	25658,5	9253,5	14556,4	16593,8	22498,2	31741,4
Mykolayiv	2487,4	6252,5	6977,6	8473,5	11790,7	3979,7	7474,3	8733,6	10204,9	13760,1
Odesa	5445,3	13462,1	19888,2	28046,2	38479,8	7703,3	18228,2	24678,3	33998,8	47181,5
Poltava	4284,5	6692,2	9639,5	15127,9	22941,5	5279,0	8325,5	11516,5	19166,5	24179,4
Rivne	1464,1	2976,4	4230,5	4894,7	7154,1	2255,4	3937,6	5025,5	5174,7	7777,0
Sumy	2573,5	3183,8	3097,3	3710,3	6423,8	3772,0	4448,1	4484,9	5131,7	7475,7
Ternopil	1039,0	1468,4	1863,2	2652,5	4108,5	1842,7	2288,1	2948,4	3627,8	5783,7
Kharkiv	7941,9	23080,8	28749,7	39726,5	47392,0	11565,2	32417,9	39871,1	50326,1	57994,1
Kherson	1610,3	2977,3	4188,4	5499,2	8567,9	3358,6	3526,5	5237,0	6595,9	9752,7
Khmelnyskiy	1487,4	3815,7	3618,1	4225,7	5676,8	2607,2	5200,1	4661,3	4913,3	7185,0
Cherkasy	1647,2	4722,5	6618,4	8351,5	13897,6	3126,6	6348,1	8063,4	9785,4	15215,1
Chernivtsi	910,2	1401,9	1763,1	2865,7	4077,6	1187,3	1951,2	2393,3	3040,6	3906,0
Chernihiv	1077,6	2048,8	2468,4	3617,2	5605,8	1846,4	2672,6	3044,5	3981,2	6056,0
cities										
Kyiv	90072,4	149413,4	192574,7	267278,0	360703,1	115360,9	191246,5	234713,3	312646,9	432908,5
Sevastopol	540,9	1125,7	1470,8	2186,1	3119,7	849,7	1624,9	2095,5	2675,7	4032,9

¹ See the footnote to Table 3.6

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3.12. Enterprise balance sheets in 2008,

	Total ¹		Of					
			agriculture, hunting, forestry		industry		construction	
	beginning of the year	end of the year	beginning of the year	end of the year	beginning of the year	end of the year	beginning of the year	end of the year
Assets								
Fixed assets	1248695,0	1552055,6	42891,1	58845,7	401370,0	493293,7	49792,2	74045,6
percentage of the balance	51,2	47,8	48,5	44,3	52,7	50,3	40,9	42,0
Working assets	1178129,5	1665319,5	45271,9	73283,9	356813,9	481336,9	70560,8	99514,2
percentage of the balance	48,3	51,3	51,2	55,1	46,8	49,1	58,0	56,5
Expenditures of future periods	14195,9	27454,7	285,4	811,5	3810,9	6246,3	1376,4	2664,0
percentage of the balance	0,6	0,8	0,3	0,6	0,5	0,6	1,1	1,5
Fixed assets and groups disposal	81,5	595,4	1,7	22,0	55,9	243,8	9,7	60,8
percentage of the balance	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Liabilities								
Own capital	1029775,5	1133603,7	49240,1	62007,3	358034,1	399606,2	28579,3	30476,7
percentage of the balance	42,2	34,9	55,7	46,6	47,0	40,7	23,5	17,3
Provisions for future expenditures and payments	55281,2	66955,8	719,1	969,2	13427,3	15547,9	10103,4	13212,8
percentage of the balance	2,3	2,1	0,8	0,7	1,8	1,6	8,3	7,5
Long-term liabilities	349791,2	578515,6	11923,6	24371,8	104534,3	156702,6	22558,4	44619,5
percentage of the balance	14,3	17,8	13,5	18,3	13,7	16,0	18,5	25,3
Current liabilities	992270,1	1449431,9	25896,0	44647,2	278070,1	400507,7	59925,8	87007,0
percentage of the balance	40,6	44,7	29,3	33,6	36,5	40,8	49,2	49,4
Revenue of future periods	13983,9	16918,2	671,3	967,6	7984,9	8756,3	572,2	968,6
percentage of the balance	0,6	0,5	0,8	0,7	1,0	0,9	0,5	0,5
Balance	2441101,9	3245425,2	88450,1	132963,1	762050,7	981120,7	121739,1	176284,6

¹ Excluding banks and budgetary institutions and excluding main activity to be changed by enterprises

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by type of economic activity

(mln. UAH)

which

trade; repair of motor vehicles, household appliances and personal demand items		activity of hotels and restaurants		activity of transport and communications		financial activity		real estate transactions, renting, engineering and provision of services to businessmen		provision of communal and individual services; cultural and sporting activity	
beginning of the year	end of the year	beginning of the year	end of the year	beginning of the year	end of the year	beginning of the year	end of the year	beginning of the year	end of the year	beginning of the year	end of the year
132714,7	172470,7	10576,6	12247,9	163908,3	204772,1	40716,7	61926,1	380896,9	445974,8	18990,1	20174,9
23,4	21,8	71,2	70,6	75,1	75,3	32,1	34,5	75,1	67,9	77,6	72,3
430802,9	607379,6	4185,5	4952,7	53832,1	66229,5	84543,9	115309,1	124348,2	206447,3	5055,8	7088,7
76,0	76,9	28,2	28,6	24,7	24,4	66,6	64,2	24,5	31,4	20,7	25,4
3633,7	9500,7	89,9	141,7	528,5	949,2	1765,0	2309,2	2227,0	4099,8	412,3	649,0
0,6	1,2	0,6	0,8	0,2	0,3	1,4	1,3	0,4	0,6	1,7	2,3
2,8	93,4	0,0	0,9	0,1	10,6	0,7	13,5	8,6	149,6	1,8	0,6
0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
88256,9	66905,9	7398,0	7250,0	129542,8	147941,4	60695,3	78460,1	286230,4	321136,6	16099,4	13492,0
15,6	8,5	49,8	41,8	59,4	54,4	47,8	43,7	56,4	48,9	65,8	48,3
3147,4	3387,4	185,1	218,7	3334,7	4950,5	10184,0	12060,9	134459,6	15388,3	438,2	741,9
0,6	0,4	1,2	1,3	1,5	1,8	8,0	6,7	2,7	2,3	1,8	2,7
71868,7	121036,9	3136,8	4584,6	36457,0	51487,5	20731,6	36475,2	74867,8	131454,3	2730,9	6058,0
12,7	15,3	21,1	26,4	16,7	18,9	16,3	20,3	14,8	20,0	11,2	21,7
402984,0	597073,2	4066,8	5221,1	46750,4	65011,7	35306,6	52175,2	131914,3	187303,0	4942,4	7157,3
71,1	75,6	27,4	30,1	21,4	23,9	27,8	29,1	26,0	28,5	20,2	25,6
897,1	1041,0	65,3	68,8	2184,1	2570,3	108,8	386,5	1008,6	1389,1	249,1	464,0
0,2	0,1	0,4	0,4	1,0	0,9	0,1	0,2	0,2	0,2	1,0	1,7
567154,1	789444,4	14852,0	17343,2	218269,0	271961,4	127026,3	179557,9	507480,7	656671,5	24460,0	27913,2

3.13. Indicators of Ukraine's banking system¹

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Issue of cash compared to previous period, %	135	151	137	108	127	143	126	149	139
Money supply (M3), mln. UAH	32252	45755	64870	95043	125801	194071	261063	396156	515727
over previous period, %	145	142	142	147	132	154	135	152	130
Mandatory deposits of commercial banks with NBU, end of year, %	15	6–14	0–12	0–12	6–7	6–8	0,5–5	0,5–5	0,5–5
NBU refinancing rate end of year, %	27,0	12,5	7,0	7,0	9,0	9,5	8,5	8,4	12,0
Interest rate for refinancing (average weighted annual by all instruments), %	29,6	20,2	9,2	8,0	16,1	14,7	11,5	10,1	15,3
at loan auctions	30,9	—	—	—	—	—	—	—	—
REPOs	28,0	22,0	11,7	8,0	13,5	12,0	10,7	—	13,8
other loan facilities	—	21,0	—	—	—	—	—	—	14,1
overnight	—	20,4	10,7	8,0	17,1	14,9	12,1	11,1	16,0
at tender	—	16,5	9,2	8,3	13,0	12,9	10,4	10,0	16,6
Commercial banks' interest rates in UAH ² , %									
lending	—	—	22,1	17,9	17,3	16,0	15,1	13,9	17,6
depositing	13,5	11,2	7,8	7,1	7,8	8,5	7,6	8,2	9,9
Outstanding borrowings from commercial banks ³ , mln. UAH	19574	28373	42035	67835	88579	143418	245226	426863	734010
over previous period, %	162	145	148	161	131	162	171	174	172
Corporate and private deposits with commercial banks, mln. UAH	18738	25674	37715	61617	82959	132745	184234	279738	357204
over previous period, %	154	137	147	163	135	160	139	152	128
Private deposits, mln. UAH	6780	11338	19302	32396	41611	73202	106715	164159	215087
in local currency, mln. UAH	3481	6566	11601	18875	22116	42176	57837	99411	107526
over previous period, %	161	189	177	163	117	191	137	172	108
in foreign currency, mln. UAH	3299	4772	7701	13521	19495	31026	48878	64749	107561
over previous period, %	156	145	161	176	144	159	158	132	166
Primary market of government bonds									
sales, thsd. of bonds	20389	1271	2948	1189	2224	6899	1582	3573	24080
receipts to central budget, mln. UAH	1892	1190	2849	1161	2204	7153	1598	3623	9772
Index of official UAH rate to 1 USD, over previous period, times	1,042	0,975	1,006	1,000	0,995	0,952	1,000	1,000	1,5248
Results of financial activity of banks over the year, mln. UAH									
Revenue	7491	8520	10358	13859	19853	27205	41407	67731	121390
Expenditure	7520	7990	9675	13033	18592	25038	37297	61280	114720
Net profit (– loss)	–30	530	683	827	1261	2166	4110	6451	6671

¹ Here and elsewhere (Tables 3.14–3.21): NBU data (when rounding, the sum of the components may differ from the total for some indicators due to electronic data processing)

² Data are given for the last month of a period

³ Including lending in foreign currencies

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3.14. Money supply in Ukraine and its distribution¹*(end of year; mln. UAH)*

	2000	2001	2002	2003 ²	2004 ²	2005 ²	2006 ²	2007 ²	2008 ²
Money supply									
Cash									
Money circulating beyond banks (M0)	12799	19465	26434	33119	42345	60231	74984	111119	154759
Transferable means in national currency	7963	10331	13847	18421	24745	38341	48292	70546	70369
Monetary aggregate (M1)	20762	29796	40281	51541	67090	98573	123276	181665	225127
Transferable means in foreign currency and other funds	10782	15390	24040	43315	58393	94573	136138	209608	287400
Monetary aggregate (M2)	31544	45186	64321	94855	125483	193145	259413	391273	512527
Banks' own debt securities	709 ³	569 ³	548 ³	188 ⁴	317 ⁴	925 ⁴	1650 ⁴	4884 ⁴	3200 ⁴
Monetary aggregate (M3)	32252	45755	64870	95043	125801	194071	261063	396156	515727
Distribution of money supply									
Funds of economic entities	12020	14456	18623	29307	41487	59623	77545	115689	142215
In national currency	8074	10837	14040	23088	30679	45032	56268	90571	92264
In foreign currency	3946	3619	4584	6219	10807	14592	21278	25118	49951
Funds of natural persons	19590	30822	45771	65548	83996	133522	181868	275584	370312
of which savings	6791	11357	19337	32429	41652	73291	106885	164465	215553
In national currency	3492	6585	11638	18908	22156	42265	58007	99716	107992
In foreign currency	3299	4772	7701	13521	19496	31026	48878	64748	107561
Banks' own debt securities	642	477	475	188	317	925	1650	4884	3200
In national currency	386	295	282	142	225	766	1402	4595	2763
In foreign currency	257	181	194	46	93	160	248	289	437
Memorandum item:									
base money	16780	23055	30808	40089	53763	82760	97214	141901	186671

¹ Based on accounting data that correspond to international standards² Data include accrued interest. The component of money aggregate M1, transfers in national currency, includes funds in national currency which could be exchanged to cash upon immediate request. The component of money aggregate M2, transfers in foreign currency and other funds, includes funds in foreign currency which could be exchanged to cash upon immediate request. The component of money aggregate M2, other funds, includes not transferred call deposits, term deposits and funds by individual savings (deposits) certificates emitted by banks. The appropriate revisions are made since 2003³ Before 2003, means have been included in confidential management⁴ Since 2003, excluding individual savings deposit certificates

3.15. Claims of Ukraine's banks on granted loans¹*(end of year; mln. UAH)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	30602	39297	53022	78688	98680	152942	254516	435788	745522
In currency									
national	14264	19631	28258	43226	54861	84916	127446	217354	303859
foreign	16338	19667	24764	35462	43819	68026	127070	218434	441663
National Bank	10904	10725	10794	10796	10066	9518	9286	8920	11500
In currency									
national	3588	3595	3602	3606	3618	3637	3659	3552	3639
foreign	7317	7131	7192	7190	6448	5882	5627	5369	7861
Banks	19698	28572	42228	67892	88615	143423	245230	426867	734022
In currency									
national	10676	16036	24656	39620	51243	81279	123787	213802	300220
foreign	9021	12536	17571	28272	37371	62144	121443	213065	433801

¹ Including interest accrued, including the credits, gave to sector of the state management**3.16. Claims of banks on the credits granted to the economy of Ukraine
(by currency and maturity) in 2008, by region***(end of year; mln. UAH)*

	Total	Including in national currency	By term	
			short-term	long-term
Ukraine	734010	300208	222024	511986
Autonomous Republic of Crimea	17071	6163	2848	14223
oblasts				
Vinnitsya	8298	3496	1326	6972
Volyn	9692	2914	2416	7276
Dnipropetrovsk	76176	35994	29891	46285
Donetsk	53005	23243	16149	36856
Zhytomyr	5739	2529	718	5021
Zakarpattya	8066	2051	921	7145
Zaporizhzhya	18041	7284	4540	1350
Ivano-Frankivsk	10876	3591	3003	7873
Kyiv	5769	2371	680	5088
Kirovohrad	4383	2367	733	3650
Luhansk	10916	5790	2904	8012
Lviv	23055	8227	5175	17880
Mykolayiv	10788	3888	2220	8567
Odesa	42305	12310	7534	34770
Poltava	11355	5177	2892	8463
Rivne	6084	2465	1324	4760
Sumy	6415	3281	1951	4464
Ternopil	5774	2097	1106	4668
Kharkiv	32899	11579	7942	24957
Kherson	8340	3089	1640	6700
Khmelnyskiy	7991	3250	1455	6536
Cherkasy	7342	3284	1677	5665
Chernivtsi	6064	1871	699	5365
Chernihiv	5324	2876	1563	3761
city				
Kyiv	332242	139021	118714	213527

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
	KRB	UAH								
1 British pound sterling	232150	8,2499	7,7394	7,9984	8,7128	9,7391	9,3376	9,2945	10,1069	9,6688
1 US dollar	147463	5,4402	5,3721	5,3266	5,3327	5,3192	5,1247	5,0500	5,0500	5,2672
10 Japanese yen	15663	0,5052	0,4427	0,4259	0,4603	0,4921	0,4669	0,4340	0,4292	0,5140
1 euro (1 ECU until 1999)	192790	5,0289	4,8136	5,0301	6,0244	6,6094	6,3899	6,3369	6,9179	7,7080
1 SDR	223233	7,1759	6,8420	6,8982	7,4682	7,8782	7,5802	7,4283	7,7294	8,3084
10 Russian rubles	—	1,94	1,84	1,70	1,74	1,85	1,81	1,86	1,98	2,11

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
	KRB	UAH								
1 British pound sterling	277020	8,1026	7,6739	8,5384	9,4688	10,1827	8,6759	9,9045	10,0973	11,1430
1 US dollar	179400	5,4345	5,2985	5,3324	5,3315	5,3054	5,0500	5,0500	5,0500	7,7000
10 Japanese yen	17410	0,4730	0,4049	0,4446	0,4982	0,5118	0,4283	0,4238	0,4466	0,8521
1 euro (1 ECU until 1999)	235820	5,0568	4,6696	5,5329	6,6622	7,2175	5,9716	6,6509	7,4195	10,8555
1 SDR	266740	7,0807	6,6529	7,2064	7,9225	8,2393	7,2178	7,5972	7,9803	11,8601
10 Russian rubles	—	1,93	1,76	1,68	1,81	1,91	1,75	1,92	2,06	2,62

3.19. Selected indicators of Ukraine's banks

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total number of registered banks (end of period)	195	189	182	179	182	186	193	198	198
Banks licensed for banking transactions (end of period) that provide reports	153	152	157	158	160	165	170	175	184
Banks licensed for foreign currency transactions (end of year)	149	149	153	156	158	162	167	175	182
Non-banking institutions licensed for foreign currency transactions	1	1	1	1	1	1	1	1	1

FINANCE AND CREDIT

Table 3.19 is continued

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Banks with foreign capital	31	28	20	19	19	23	35	47	53
including with 100% foreign capital	7	6	7	7	7	9	13	17	17
Statutory fund of operating banks in UAH equivalent, mln. UAH	3667	4576	6003	8116	11605	16111	26372	43808	82974
Number of banks excluded from the State Register (over a period)	9	9	12	8	4	1	6	1	7
due to reorganization	—	3	2	1	1	—	2	1	1
due to liquidation	9	6	10	7	3	1	4	—	6
Number of banks with withdrawn licenses for all transactions (over a period)	10	3	1	5	4	1	5	2	1
Number of banks with withdrawn licenses for foreign exchange transactions (over a period)	9	3	1	5	4	1	5	2	1

3.20. Liabilities of banks on the funds of natural persons

(in national and foreign currency; mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	6780	11338	19302	32396	41611	73202	106715	164159	215087
In national currency	3481	6566	11601	18875	22116	42176	57837	99411	107526
deposits on demand	1259	2107	3526	5220	6000	14008	18519	29110	25773
term deposits	2222	4458	8076	13655	16115	28168	39319	70300	81753
In foreign currency	3299	4772	7701	13521	19495	31026	48878	64749	107561
deposits on demand	860	1055	1475	1972	1911	3177	5501	8230	12375
term deposits	2439	3717	6226	11549	17584	27848	43377	56519	95186

3.21. Liabilities of banks on the funds of economic entities and natural persons

(end of year; mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	18738	25674	37715	61617	82959	132745	184234	279738	357204
In national currency	11551	17393	25636	41954	52759	87198	114093	189906	199746
deposits on demand	8013	10394	13880	20143	25765	40103	48957	72140	71588
term deposits	3537	6999	11756	21811	26994	47096	65136	117766	128159
In foreign currency	7188	8281	12079	19663	30200	45546	70142	89832	157458
deposits on demand	3364	3053	4033	5362	7672	10247	13334	20663	35404
term deposits	3824	5228	8046	14301	22528	35299	56807	69169	122054

4. PRICES AND TARIFFS

Consumer price index (inflation index) is an indicator of changes in time of prices and tariffs for commodities and services being purchased by the population for unproductive consumption. The estimation of the CPI is done on the basis of the data about the changes of prices obtained through the monthly registration of the prices and tariffs at 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 in time of prices within the area of the industrial production. It is compiled monthly using the prices for the manufactured goods for the industrial products through sample range of the enterprises. The weighing base is the data regarding the volume of the sold industrial produce 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 characterizing 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 organizations. The weighing basis is the data regarding the current expenditure on the construction-assembly work.

Price index for fixed capital investment is estimated as an aggregate 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 are characterizing changes in the time of tariffs for post and communications services of enterprises, establishments, and organizations. It is compiled on the basis of data about the tariffs for representative services by types of services which are selected with the account of their representativeness 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 traffic characterizes the changes in time of tariffs for merchandise traffic excluding the structured changes according to the various characteristics: type of freight, transportation distances, territory, etc. Index of tariffs for merchandise traffic is estimated each quarter according to selected types of transportation (rail, pipeline). The weighing base is the data on income from haulage, freight transportation.

PRICES AND TARIFFS

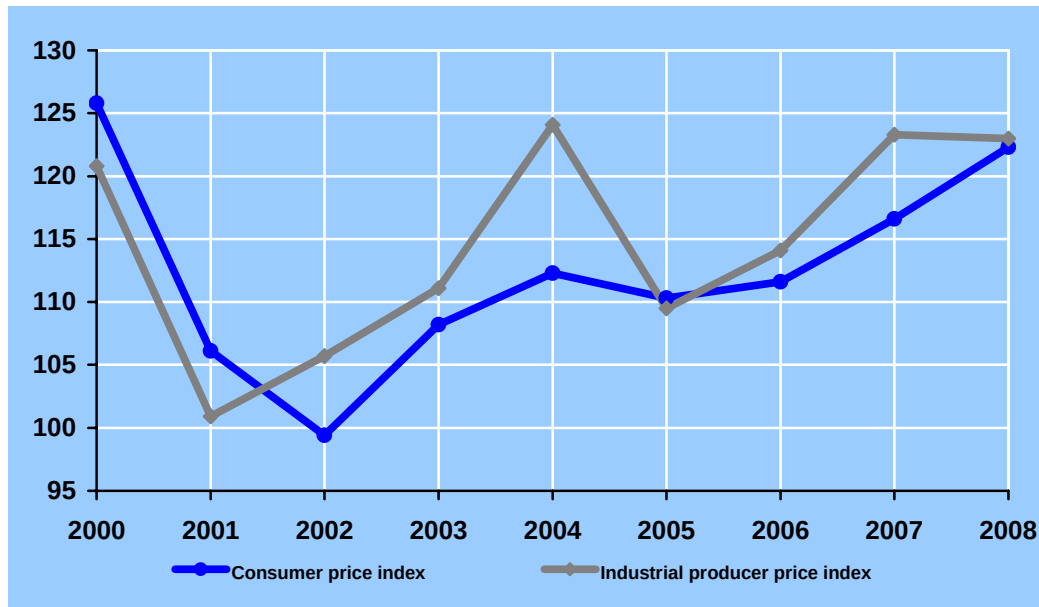
4.1. Price indices

(percent of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Consumer price index	477,0	128,2	112,0	100,8	105,2	109,0	113,5	109,1	112,8	125,2
Industrial producer price index	588,9	120,8	108,7	103,0	107,6	120,5	116,7	109,6	119,5	135,5
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
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
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

4.2. Consumer price indices and industrial producer price indices in 2000–2008

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



4.3. Indices of consumer prices and prices of producers

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Consumer price index	125,8	106,1	99,4	108,2	112,3	110,3	111,6	116,6	122,3
Industrial producer price index	120,8	100,9	105,7	111,1	124,1	109,5	114,1	123,3	123,0
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

PRICES AND TARIFFS

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

(percent)

	2002	2003	2004	2005	2006	2007	2008	2003	2004	2005	2006	2007	2008
	Dec. over Dec. of the previous year							of the previous year					
Foodstuffs and non-alcoholic beverages	97,6	111,1	115,2	110,2	103,2	123,7	124,5	106,3	111,4	116,2	105,3	109,7	135,7
Foodstuffs	97,3	111,7	116,4	110,8	102,8	124,7	124,5	106,7	111,9	117,5	105,4	109,6	136,7
Bread and cereal products	98,8	131,7	99,2	102,2	113,7	119,5	127,8	114,8	117,1	98,9	107,9	114,2	133,3
bread	95,8	136,0	98,0	100,4	116,7	118,0	125,1	107,1	125,6	97,4	107,8	114,8	130,3
pasta	95,9	133,7	99,5	99,3	106,2	119,5	125,1	116,0	116,0	97,0	102,1	111,7	130,2
Meat and meat products	89,9	108,4	135,9	118,4	98,0	113,9	134,0	96,5	126,2	130,3	103,3	102,5	139,4
Fish and fish products	102,3	107,4	124,8	119,4	102,3	109,3	126,6	106,1	113,2	129,8	106,5	104,3	119,6
Milk, cheese and eggs	97,5	114,0	121,9	110,1	105,1	142,1	115,4	110,9	116,3	123,4	103,5	123,0	131,2
Oil and fats	89,9	107,6	136,3	102,0	91,3	143,9	123,2	96,7	120,6	124,0	92,1	110,3	155,8
Fruit	110,2	105,0	117,3	126,1	139,9	160,3	137,8	116,6	106,8	120,6	138,0	138,8	167,5
Vegetables	108,5	88,2	72,7	104,7	91,5	135,4	99,6	109,3	64,2	91,7	104,8	108,9	133,1
Sugar	109,3	98,0	111,7	121,7	98,3	101,2	108,4	110,0	97,8	127,5	117,7	78,8	115,6
Non-alcoholic beverages	100,9	102,6	104,6	107,7	106,6	111,0	121,7	101,7	103,2	107,5	106,3	107,9	117,9
Alcoholic beverages, tobacco products	100,7	104,3	104,6	107,7	105,5	109,5	122,7	102,2	104,7	106,5	106,2	107,8	114,9
Clothes and footwear	100,7	100,7	101,4	102,2	102,5	101,9	104,6	100,6	101,0	101,9	102,3	102,0	102,8
clothes	100,5	100,5	101,3	101,6	102,1	101,8	104,8	100,5	100,7	101,6	101,9	101,8	102,8
footwear	100,3	100,6	101,5	102,6	102,7	102,0	104,0	100,4	100,9	102,1	102,6	102,0	102,8
Housing, water, electricity, gas and other types of fuels	101,7	106,4	107,2	114,6	166,5	112,3	128,2	104,3	107,1	109,0	134,1	142,5	114,2
payment for one's own dwelling (rent)	100,4	101,9	107,2	139,8	149,2	123,1	135,7	101,1	106,4	121,9	135,8	152,1	121,0
water supply	104,2	118,3	109,3	127,6	150,0	117,8	140,6	113,2	115,0	114,9	131,2	143,8	129,5
sewerage	109,4	112,9	115,9	134,3	162,0	118,3	145,1	110,8	119,5	118,6	141,1	148,0	132,6
electricity	100,0	100,0	100,0	100,0	156,1	100,0	100,0	100,0	100,0	100,0	127,0	122,9	100,0
natural gas	100,2	100,4	102,3	101,2	180,6	100,0	154,1	100,2	102,1	100,5	163,6	111,5	107,7
hot water, heating	100,4	111,4	111,8	115,9	214,6	115,1	130,7	107,3	109,1	110,4	138,2	180,8	112,9
Household goods, household appliances and current maintenance of housing	100,7	102,2	105,3	102,1	102,5	102,9	116,2	101,6	103,0	104,7	102,0	102,3	107,6
Health care	103,6	103,5	107,1	109,2	107,3	113,2	121,9	103,9	105,3	109,7	106,3	110,2	119,0
Transport	106,6	102,4	117,7	119,7	110,4	114,1	122,5	103,7	110,9	120,0	114,3	109,5	124,5
fuels and lubricants	149,5	101,0	161,6	124,5	102,9	136,2	91,7	113,2	140,7	135,4	117,8	108,4	133,4
transport services	101,5	101,4	110,5	122,1	112,1	110,3	146,6	101,5	105,3	119,1	114,8	110,0	130,3
rail passenger transport	104,1	103,7	101,3	100,8	142,1	115,9	125,3	103,9	102,6	100,8	123,7	128,4	118,1
road passenger transport	101,5	101,2	111,8	125,5	108,0	109,5	153,0	101,4	105,8	121,8	113,5	107,1	133,4
Communications	109,8	100,0	100,1	101,7	121,0	97,2	105,0	104,8	100,0	100,7	108,5	110,4	100,4
Leisure and culture	102,0	101,9	104,5	102,7	103,7	104,7	117,1	102,1	102,8	103,9	103,1	104,4	108,4
Education	106,0	107,1	109,4	118,0	115,8	115,8	129,2	106,6	108,1	113,1	117,0	115,5	122,1
Restaurants and hotels	108,4	108,0	113,0	118,6	114,8	116,5	127,9	108,4	109,2	117,5	116,4	112,7	128,4
Various goods and services	102,4	102,3	106,9	106,3	106,8	111,4	130,4	102,8	105,6	106,2	106,0	108,1	122,8

PRICES AND TARIFFS

4.5. Consumer price indices

	Consumer price index	Of				
		foodstuffs and non-alcoholic beverages	alcoholic beverages, tobacco products	clothes and footwear	housing, water, electricity, gas and other types of fuels	household goods, household appliances and current maintenance of housing
Ukraine	122,3	124,5	122,7	104,6	128,2	116,2
Autonomous Republic of Crimea	123,3	125,4	120,9	101,7	133,0	117,2
oblasts						
Vinnitsya	119,1	122,0	125,7	96,2	125,0	110,8
Volyn	121,3	124,5	116,8	102,4	127,8	110,4
Dnipropetrovsk	124,4	127,2	123,4	106,9	130,7	114,1
Donetsk	124,0	125,7	121,5	102,0	129,1	115,1
Zhytomyr	120,8	121,3	122,8	110,3	129,3	110,2
Zakarpattia	115,4	117,2	113,9	107,2	117,7	111,7
Zaporizhzhya	123,6	124,9	121,2	107,4	130,5	120,8
Ivano-Frankivsk	121,8	123,7	119,5	104,7	126,4	121,2
Kyiv	125,6	129,0	121,0	111,8	144,5	112,7
Kirovohrad	121,4	121,4	122,1	101,6	132,5	118,1
Luhansk	123,3	125,8	123,5	106,8	127,3	118,3
Lviv	125,1	127,0	124,4	104,9	140,7	113,9
Mykolayiv	121,8	123,4	123,0	105,4	123,2	119,0
Odesa	123,7	123,8	128,2	107,1	136,8	118,6
Poltava	123,5	123,4	122,2	104,5	138,3	117,6
Rivne	122,1	124,2	120,9	103,9	129,6	118,0
Sumy	121,0	119,2	128,6	104,4	132,2	119,5
Ternopil	118,6	123,2	124,5	105,6	106,5	116,3
Kharkiv	123,8	124,6	123,9	103,1	134,4	118,8
Kherson	121,9	122,9	125,9	107,1	130,0	110,3
Khmelnyskiy	122,7	124,4	124,5	112,9	121,3	115,8
Cherkasy	122,3	123,8	126,5	102,4	138,0	119,0
Chernivtsi	119,0	120,5	117,7	105,4	123,9	115,6
Chernihiv	123,1	125,2	121,8	104,5	126,2	128,4
cities						
Kyiv	121,6	124,3	121,0	102,8	109,1	114,4
Sevastopol	119,5	122,3	118,5	104,4	114,1	123,4

PRICES AND TARIFFS

in 2008, 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
121,9	122,5	105,0	117,1	129,2	127,9	130,4
125,0	114,1	104,8	113,9	131,1	125,1	129,9
113,6	112,7	103,0	114,2	129,1	119,8	121,7
119,1	119,9	104,6	111,4	130,1	121,8	126,5
120,6	111,4	104,9	120,3	124,1	132,3	131,9
126,0	126,0	105,5	120,2	128,6	130,1	148,7
118,0	115,6	104,3	111,6	137,1	135,2	134,5
113,3	113,5	106,3	113,5	121,6	119,3	114,1
128,4	115,8	106,0	127,8	124,9	129,4	127,6
127,4	126,1	104,4	115,5	116,5	130,8	130,4
125,9	105,9	105,4	116,2	121,7	123,9	135,2
126,8	123,4	105,5	116,7	132,9	119,1	126,9
125,4	117,5	104,6	120,0	122,9	126,4	126,8
122,5	124,3	104,4	115,7	139,2	129,6	124,9
123,4	113,8	105,3	115,2	128,0	129,0	133,7
122,4	113,5	104,2	113,1	128,3	130,3	124,5
122,1	117,2	106,5	117,1	129,3	131,1	127,3
114,8	112,0	102,6	121,6	132,7	125,4	138,2
120,6	118,1	107,4	117,5	133,5	130,2	134,7
123,2	118,1	104,2	118,8	122,8	128,7	130,4
124,5	121,2	104,3	115,2	135,9	128,7	143,1
118,6	114,7	104,2	111,5	134,3	130,5	135,8
123,8	125,4	104,6	119,1	134,1	129,2	132,0
124,3	109,5	103,6	116,1	137,6	123,6	130,4
115,9	118,7	103,9	117,8	123,3	125,6	116,4
125,2	116,5	105,3	127,5	138,1	124,9	129,0
114,1	168,5	106,1	115,3	126,8	126,7	116,8
121,9	112,2	105,6	121,7	122,4	126,1	127,3

PRICES AND TARIFFS

4.6. Consumer price indices, by region

(percent)

	2002	2003	2004	2005	2006	2007	2008	2003	2004	2005	2006	2007	2008
	Dec. over Dec. of the previous year							of the previous year					
Ukraine	99,4	108,2	112,3	110,3	111,6	116,6	122,3	105,2	109,0	113,5	109,1	112,8	125,2
Autonomous Republic of Crimea	98,3	108,5	110,7	111,5	111,5	115,6	123,3	105,7	107,5	113,2	109,6	112,3	126,0
oblasts													
Vinnitsya	98,9	109,6	111,6	110,7	111,5	117,8	119,1	106,7	108,4	112,7	109,5	113,3	124,6
Volyn	98,8	105,8	112,9	109,1	109,6	115,1	121,3	104,0	107,5	112,5	109,2	110,2	124,4
Dnipro-petrovsk	102,0	109,3	112,7	108,0	119,8	114,4	124,4	107,4	108,4	112,0	110,4	117,6	125,4
Donetsk	99,5	108,8	113,5	111,9	112,1	113,9	124,0	104,9	110,0	115,2	110,3	111,4	124,9
Zhytomyr	99,0	108,2	113,3	110,8	110,3	113,9	120,8	103,4	109,1	115,4	108,2	110,2	124,8
Zakarpattia	100,9	106,8	107,8	111,6	108,7	111,3	115,4	105,1	105,5	112,3	108,7	108,6	118,1
Zaporizhzhya	98,7	109,9	112,5	111,9	110,3	115,2	123,6	105,8	110,5	115,3	108,7	110,9	126,2
Ivano-Frankivsk	95,8	106,0	109,5	110,3	106,0	114,0	121,8	102,7	106,1	111,6	107,0	108,6	123,1
Kyiv	98,7	108,2	112,9	112,6	111,7	114,3	125,6	103,5	110,6	114,3	110,8	110,7	125,3
Kirovohrad	96,1	110,4	115,5	110,0	109,1	113,4	121,4	105,5	112,0	115,0	107,3	110,1	123,5
Luhansk	97,1	106,3	111,7	112,0	116,1	115,4	123,3	103,5	107,5	114,3	110,8	116,0	125,4
Lviv	101,5	106,0	110,3	108,4	107,0	116,8	125,1	105,0	106,6	111,6	107,4	110,4	127,0
Mykolayiv	102,2	109,5	112,5	111,5	109,1	118,1	121,8	110,0	109,2	113,4	108,3	111,4	127,1
Odesa	98,7	108,6	111,7	108,8	110,0	119,2	123,7	106,1	108,7	111,4	108,9	112,0	128,8
Poltava	96,2	109,2	113,8	113,7	111,2	118,3	123,5	104,2	110,5	116,1	110,4	113,0	127,8
Rivne	97,8	110,7	112,3	110,3	109,6	116,0	122,1	105,7	109,1	114,4	106,8	111,7	125,3
Sumy	98,2	108,1	114,3	112,2	113,3	115,0	121,0	104,1	110,9	115,9	109,2	114,6	122,7
Ternopil	98,4	104,2	110,7	108,4	110,0	120,1	118,6	102,1	106,6	110,8	107,5	112,8	125,1
Kharkiv	97,2	109,3	112,9	108,9	112,7	119,1	123,8	103,4	112,3	113,2	107,2	113,2	128,2
Kherson	99,3	110,5	112,8	109,2	109,2	118,3	121,9	108,6	108,8	113,6	108,6	110,2	128,2
Khmelnyskiy	97,6	107,5	113,5	108,5	110,8	117,9	122,7	102,8	110,5	113,3	106,4	113,7	127,4
Cherkasy	98,6	107,3	112,7	111,4	110,2	117,9	122,3	103,6	109,9	114,8	108,4	112,8	124,8
Chernivtsi	100,8	107,2	109,9	111,3	109,2	117,3	119,0	106,1	106,5	112,4	109,7	111,2	123,7
Chernihiv	96,6	108,0	114,7	109,9	111,6	115,0	123,1	103,7	110,6	114,1	108,9	111,6	124,1
cities													
Kyiv	103,6	108,1	111,0	110,5	109,2	121,0	121,6	106,2	109,5	112,9	109,1	115,3	123,8
Sevastopol	100,0	104,8	111,4	110,0	111,7	118,2	119,5	104,3	106,0	112,3	110,9	111,4	125,2

PRICES AND TARIFFS

4.7. Industrial producer price indices, by type of activity

(percent)

	2003	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
	Dec. over Dec. of the previous year						of the previous year				
Industry	111,1	124,1	109,5	114,1	123,3	123,0	120,5	116,7	109,6	119,5	135,5
Mining	117,9	126,0	127,7	120,6	127,3	122,3	123,4	140,2	111,2	126,5	148,5
mining of fuel and energy minerals	113,0	126,4	126,3	117,1	128,4	107,7	123,3	130,9	116,1	118,0	137,9
mining operations apart from fuel and energy minerals	127,1	126,1	129,9	125,7	126,2	142,1	124,1	157,2	104,3	138,3	163,0
Manufacturing	111,8	125,8	106,9	111,5	123,4	118,4	122,1	114,9	107,7	116,4	134,9
including production of foodstuffs, beverages and tobacco products	113,6	106,6	107,9	107,4	124,8	116,5	112,1	109,3	105,8	114,0	127,5
light industry	105,7	106,8	102,8	106,0	106,7	116,7	105,6	106,0	103,8	106,5	111,1
textile industry, sewing of clothes, fur and fur articles	108,3	107,5	101,8	106,3	107,2	120,2	107,2	106,0	103,7	106,8	113,0
production of leather, leather articles and other materials	100,3	104,7	105,8	105,8	105,8	109,6	102,2	107,1	104,5	105,7	106,5
wood working and production of wood products apart from furniture	112,4	119,2	108,7	112,1	108,1	114,1	117,1	114,8	108,8	110,5	115,0
cellulose and paper industry; printing	104,1	109,7	103,9	107,2	105,5	117,0	105,3	108,0	108,2	102,6	114,5
production of coke and refined products	122,9	177,9	103,3	109,4	150,4	84,4	162,7	124,9	107,1	113,7	154,2
chemical and petrochemical industry	111,6	116,0	109,7	110,2	117,3	125,2	114,2	112,5	111,2	113,7	135,7
production of chemicals	113,2	115,3	110,9	109,7	121,4	125,7	114,9	111,8	112,7	115,0	143,6
production of rubber and plastic products	105,9	118,9	107,4	112,0	107,0	124,3	112,1	115,3	106,7	110,3	115,1
production of other non-metallic mineral products	107,1	114,8	117,2	127,6	129,7	125,1	114,2	116,9	122,0	131,4	129,7
metallurgy and production of finished metal products	113,5	137,1	106,9	118,1	122,2	119,2	130,7	118,3	108,6	124,5	147,7
engineering	105,8	113,7	105,6	106,0	111,9	122,0	110,9	110,1	104,3	109,9	120,0
manufacture of machinery and equipment	102,4	113,0	111,6	107,3	109,2	121,1	108,3	114,4	106,3	110,0	115,5
manufacture of electrical, electronic and optical equipment	106,2	108,8	111,4	107,0	108,9	112,6	108,8	110,8	108,6	108,3	111,2
manufacture of transport vehicles and equipment	111,4	117,4	97,7	104,0	115,4	126,4	116,9	106,4	99,8	110,7	127,5
Production and distribution of electricity, gas and water	101,9	113,0	113,1	123,4	120,9	142,2	106,1	110,0	120,0	130,5	131,3

PRICES AND TARIFFS

4.8. Producer price indices, by selected consumer goods

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

	2006	2007	2008
Fresh (fresh-killed) or cooled beef and veal	79,7	153,3	136,3
Fresh (fresh-killed) or cooled pork	80,4	131,3	160,3
Sausages	98,0	114,8	135,4
Refined sunflower seed oil	102,7	148,7	107,5
Processed skimmed milk	105,7	149,2	107,5
Butter	108,6	144,9	112,4
Hard cheeses	106,7	150,7	106,2
Wheat or wheat and rye flour	124,0	127,2	111,6
Bread and flour products	116,4	117,6	128,6
Granulated sugar	106,4	95,2	103,8
Chocolate and other ready-made food products with content of cocoa in briquettes, plates or bars	104,2	114,0	119,9
Macaroni products without filling and heat processing	107,6	122,4	123,5
Vodka and other strong alcoholic drinks	106,6	117,0	119,6
Non-alcoholic drinks	108,5	109,2	113,6
Bed linen	106,3	100,7	108,4
Knitted hosiery produced by knitting machines or handmade	110,0	108,4	122,8
Suits for men and boys	106,8	105,0	110,7
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for women and girls	109,8	117,8	122,2
Footwear with uppers of natural or combined leather	106,7	108,5	105,2
Combined domestic refrigerators and deep freezers with separate outer doors	97,7	105,9	117,7
Domestic refrigerators	100,0	104,8	118,0
Washing machines	105,7	109,4	114,3
Telephones lines, videophones	96,5	105,1	99,6
Television receiver	88,8	95,2	109,8
Water meters including calibrating	112,0	102,0	106,3
Electric power meters, including calibrating	103,0	107,1	101,1
Tableware, kitchenware, other household chinaware	116,6	109,2	114,0
Furniture for sitting (mainly with wood frame)	113,6	111,0	145,6
Wood furniture for furnishing dwellings interior	106,7	117,3	153,6

PRICES AND TARIFFS

4.9. Price indices for products sold by agricultural enterprises

(percent of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Agricultural produce	432,8	155,8	105,0	87,4	120,6	105,7	108,1	102,4	138,0	110,3
Output of farming	413,9	168,2	92,4	87,8	133,7	93,3	95,5	114,1	157,7	95,2
Grains	439,5	222,7	83,7	81,8	171,1	83,8	91,8	123,2	161,5	92,5
Oil crops	415,7	102,7	144,0	108,5	102,1	131,2	84,6	102,2	184,6	92,9
Sugar beets	385,1	145,1	115,1	92,1	109,5	96,5	130,3	105,0	84,7	138,8
Potatoes	709,5	102,7	86,3	121,9	110,9	85,4	126,8	156,1	97,2	111,5
Vegetables	304,6	123,7	124,9	125,3	116,6	119,2	125,6	108,0	120,6	115,4
Fruit and berries	406,9	82,0	141,8	88,5	86,4	168,0	133,6	146,5	111,0	124,9
Grapes	348,2	114,8	93,1	115,9	107,3	128,7	140,6	139,2	107,5	117,8
Cucurbitaceous	206,4	122,4	153,3	79,7	88,0	119,9	202,5	67,4	222,0	96,8
Output of livestock breeding	446,7	138,5	136,8	86,6	104,8	134,2	129,5	88,8	115,8	147,4
Livestock and poultry	442,5	133,9	171,1	87,1	95,1	144,8	134,8	89,9	102,4	158,5
Milk and dairy products	483,0	148,3	111,7	89,5	128,2	119,2	134,3	94,4	154,6	123,4
Eggs	402,2	134,2	109,1	79,9	115,2	123,2	105,5	76,4	142,1	137,5
Wool	146,4	167,9	122,1	78,9	115,0	128,5	128,0	95,2	95,7	127,3

PRICES AND TARIFFS

4.10. Price indices for construction and assembly operations

(percent)

	2003	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
	Dec. over Dec. of the previous year						of the previous year				
Total	107,4	126,2	126,0	123,4	125,4	130,1	120,2	125,6	123,5	123,1	135,3
By type of building and structure											
Buildings	108,4	125,6	123,9	124,1	126,4	129,2	119,0	124,5	123,3	124,2	134,6
residential	108,6	124,7	122,1	124,1	126,4	129,3	119,2	122,5	122,4	124,8	133,6
non-residential	108,4	127,0	125,7	123,2	126,9	128,9	119,3	126,8	123,0	123,6	135,8
Structures	106,1	126,1	127,9	122,6	122,8	132,1	121,1	126,5	123,8	121,2	135,9
transport structures	105,7	124,6	130,2	121,7	127,9	130,9	118,9	131,2	121,6	121,6	139,9
pipelines, communication and power lines	110,6	119,4	129,8	129,5	124,4	133,5	124,2	118,9	130,7	125,4	137,5
complex industrial structures	102,3	129,1	127,1	118,2	122,0	133,9	116,9	131,0	120,3	119,1	136,0
other engineering structures	111,8	162,0	124,3	106,5	124,2	126,2	135,6	144,0	116,6	110,1	135,6
By type of economic activity											
Agriculture, hunting, forestry	108,5	138,9	134,0	111,8	126,1	130,0	125,7	142,4	119,4	117,6	140,0
Mining	100,1	133,0	128,8	114,8	121,5	138,3	116,5	135,9	116,6	120,1	139,0
Manufacturing	110,3	124,3	126,4	121,4	125,0	129,6	120,2	126,0	122,0	121,5	135,0
Production and distribution of electricity, gas and water	109,7	120,5	126,1	127,5	126,1	130,7	121,1	120,3	127,4	124,9	136,5
Activity of hotels and restaurants	108,4	128,3	120,7	123,9	127,1	127,6	122,2	123,0	122,7	124,2	133,3
Activity of transport and communications	109,0	123,8	131,8	127,6	124,9	133,4	124,8	123,9	128,7	124,4	138,2
Real estate transactions, renting, engineering and provision of services to businessmen	108,6	124,7	122,1	124,1	126,4	129,3	119,2	122,5	122,4	124,8	133,6
Public administration	106,5	122,5	121,2	126,0	126,3	128,7	118,0	120,2	122,8	125,3	133,5
Education	90,5	119,5	125,2	128,7	125,6	132,1	92,1	120,3	127,0	125,3	137,2
Health care and provision of social aid	110,4	126,2	121,4	127,0	127,9	128,5	122,0	121,8	124,6	125,7	133,8
Provision of communal and individual services; cultural and sporting activity	112,0	162,9	123,5	109,7	124,1	126,5	137,2	143,0	119,5	110,7	136,0

PRICES AND TARIFFS

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

(percent)

	2003	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
	Dec. over Dec. of the previous year						of the previous year				
Total	102,3	99,9	99,6	97,7	100,0	101,9	101,5	99,4	98,9	98,9	101,4
including by type of services											
mail	100,0	100,0	111,0	100,0	100,0	131,7	100,0	104,1	106,7	100,0	125,6
intra-city telephone	100,0	100,0	100,0	110,7	100,0	104,6	100,0	100,0	104,1	106,4	101,2
inter-city and international telephone	100,0	99,8	96,6	87,5	100,0	100,0	99,9	97,4	92,9	93,3	100,0
mobile	109,4	100,0	100,0	100,0	100,0	100,0	106,1	100,0	100,0	100,0	100,0

4.12. Tariff indices for shipment of cargo by rail

(percent)

	2003	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
	IV Q over IV Q of the previous year						of the previous year				
All cargo	110,7	119,8	139,7	100,3	119,4	153,5	112,0	139,3	107,4	109,3	149,0
Coal	107,3	110,6	132,0	100,0	120,6	150,9	110,6	128,2	103,0	109,8	143,1
Iron ore	107,9	136,3	119,2	100,0	120,7	142,7	122,6	127,2	104,2	109,9	148,9
Mineral and construction cargo	105,0	122,5	164,1	100,0	120,7	164,6	111,3	159,2	113,5	109,9	156,2
Ferrous metals	110,0	121,6	150,0	100,0	120,6	149,9	110,8	150,9	109,1	109,9	148,5
Oil and refined products	127,0	110,7	140,4	100,0	116,9	162,2	105,4	136,9	107,8	108,1	151,6
Chemical and mineral fertilizers	107,0	111,9	138,3	100,0	100,0	150,5	106,0	136,0	107,4	100,0	135,9
Coke	107,0	134,8	119,2	100,0	120,7	143,7	122,5	130,0	100,9	109,9	149,9
Chemical cargo ¹	107,0	118,0	150,0	100,0	120,7	157,6	109,0	148,9	109,1	109,8	149,4
Grain and milled products	103,3	118,3	138,8	105,7	120,7	159,3	109,6	137,7	112,0	109,8	151,1
Lumber cargo ²	107,0	118,0	150,0	100,0	120,7	157,6	109,0	148,9	109,1	109,9	149,4
Cement	105,0	115,0	150,0	100,0	120,7	164,6	107,5	147,1	109,1	109,8	156,2

¹ Paintwork material, glues, oxides, carbohydrates, etc.

² Round, mine timbers, sawnwood, etc.

4.13. Tariff indices for transportation of cargo by pipelines

(percent)

	2003	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
	IV Q over IV Q of the previous year						of the previous year				
All cargo	83,5	101,8	100,1	141,4	105,8	120,6	100,8	100,9	134,6	113,2	107,5
Oil	112,0	98,1	100,2	96,1	97,2	124,3	103,6	99,6	97,4	99,0	114,2
Gas	81,0	102,2	100,0	146,4	106,4	120,0	100,5	101,0	138,6	114,4	106,9

5. THE UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANIZATIONS OF UKRAINE (Business register)

The Unified State Register of Enterprises and Organizations of Ukraine (Business register) is an automated system for collecting, storing and processing of data on the legal persons of all organizational and legal forms of business, separated subdivisions of the legal persons located in Ukraine as well as separated subdivisions of the legal persons of Ukraine located outside its scope.

The units of the Business register are the legal persons and separated subdivisions of the legal persons of all organizational and legal forms of business that are located on Ukraine's territory and are operating in line with its legislation.

The Business register is the important component of Ukraine state statistics' infrastructure. The responsibility for the creation and maintenance of the Register rests with the State Statistics Committee 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 Business register is being maintained for a purpose to do the following:

- ensure the unified state recordings and the units' identification;

- the units' classification to obtain the statistical information in formalized way;

- conduct the observations over the structural changes in the economy about the types of economic activities, the setting up, the reorganization (the merging, the takeover, the breakup, the reformation) and the closing down of the units;

- improve the statistical recording of the units and the establishment of the registers for respondents of the statistical observations (the statistical registers);

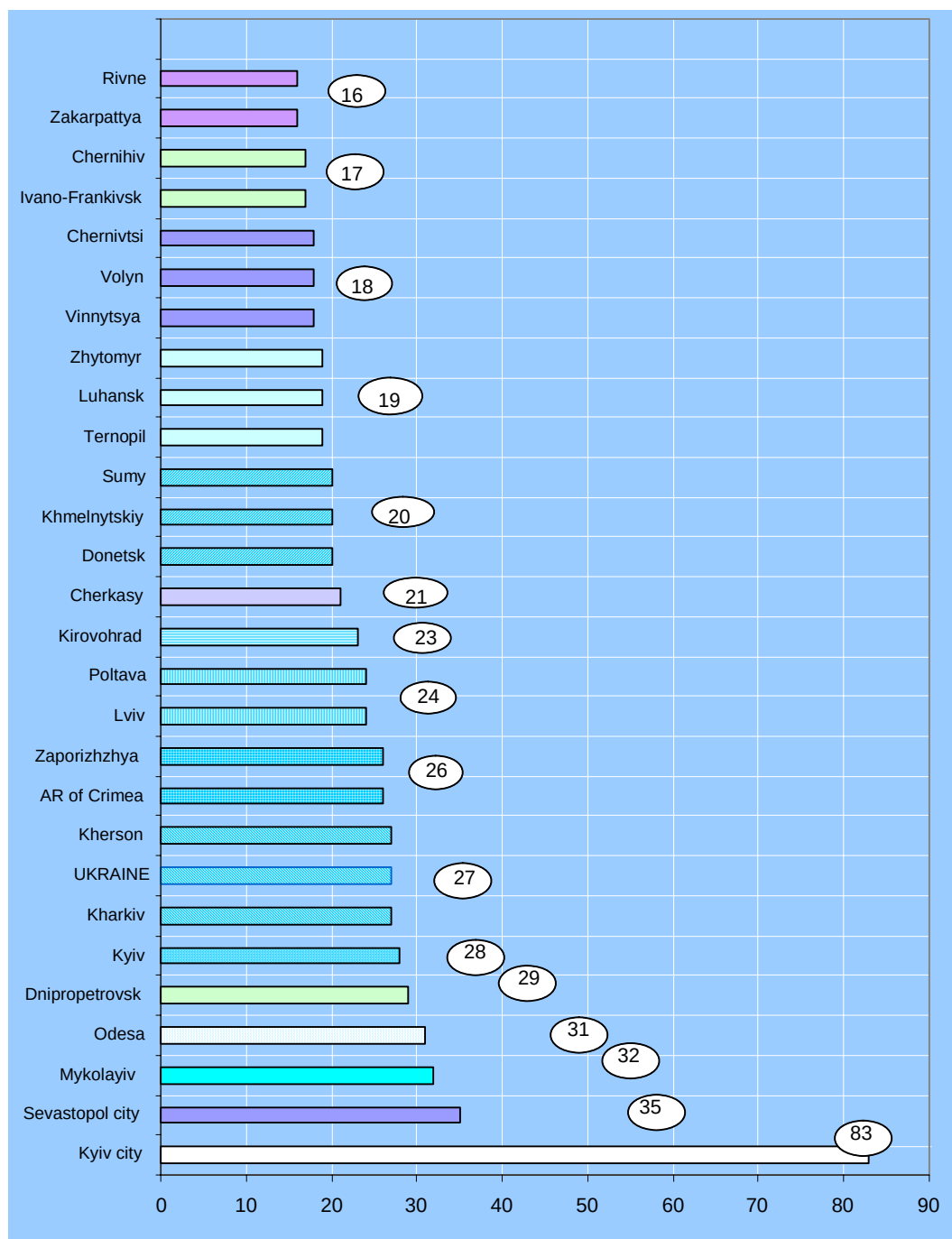
- coordination with information systems of the other state run public authorities.

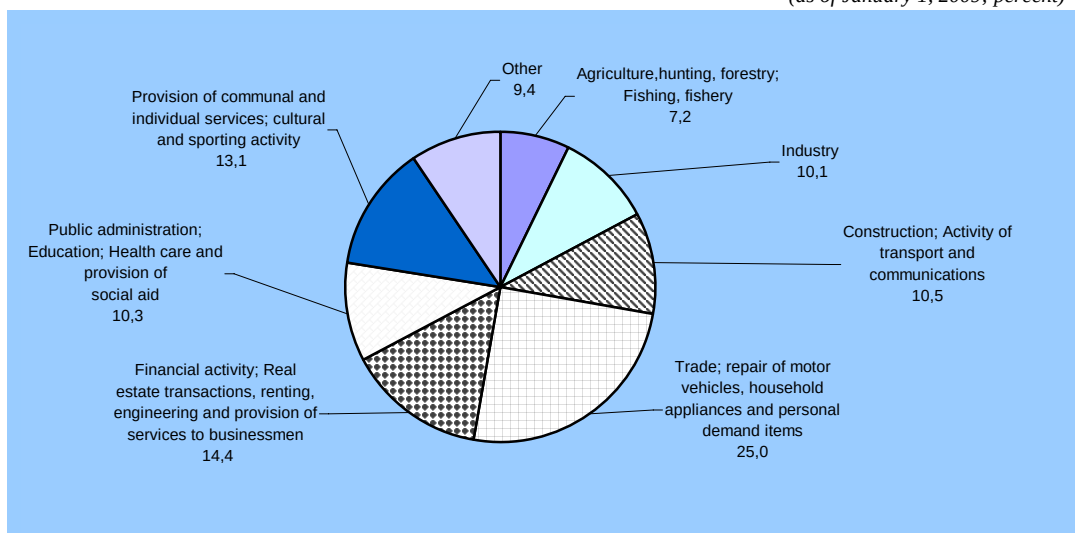
The foundation to include/exclude on the businesses to/from the Business register as well as the alterations in the Business register is supply of the information from state registering clerk to the state statistics office about the registration stated by Ukraine's Law *On the State Registration of the Legal persons and the Natural persons (businessmen)*. Basing on the organizational and the methodological principles behind the maintenance of the Business register, when including, the units are being classified according to their location area, the organizational and the legal forms of business, types of the economic activities, etc., and in line with state classifiers. One of the main indicators for the stratification of the statistical information when designing the complete and sample surveys is the code of the type of the economic activities that starting from 2001 is being defined by the *Classification of Types of the Economic Activities (CTEA)*. This Classification is based on the standard international classification for the types of the activities of the European Union.

Data given in the section demonstrate the changes in the quality and the structure of the Business register units in accordance with regions, the types of the economic activities, the organization and the legal forms of business.

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

	1997	2001	2002	2003	2004	2005	2006	2007	2008	2009
Ukraine	615686	834886	889330	935578	981054	1023396	1070705	1133200	1187020	1228888
Autonomous Republic of Crimea	28409	34675	37247	39419	41735	43381	45181	47593	49829	51305
oblasts										
Vinnitsya	14997	19487	20799	23074	24343	25292	26565	28453	29455	30268
Volyn	9486	13294	14018	14547	15103	15584	16181	17266	17960	18565
Dnipropetrovsk	49896	67701	71896	75862	79959	83771	87722	92382	96588	99511
Donetsk	53549	68396	71479	74284	76373	78575	80922	83955	87553	90006
Zhytomyr	12182	16065	17073	17858	18651	19401	20306	21933	23079	24100
Zakarpattia	12304	15572	16253	16728	16823	17124	17871	18979	19851	20513
Zaporizhzhya	22274	31469	34134	36689	39059	40844	42311	44357	46207	47209
Ivano-Frankivsk	15163	19565	20567	20855	21372	21714	22469	23331	23775	24055
Kyiv	18285	27145	29673	31774	33702	35960	38301	41871	45333	47947
Kirovohrad	13968	17295	18354	19294	20165	21024	21695	22718	23269	23750
Luhansk	25462	31306	32762	34195	35973	37445	39023	40772	42255	43465
Lviv	33398	45085	47419	49470	51696	53454	55421	58163	60391	62190
Mykolayiv	20534	26196	28439	30175	31623	32747	34133	35769	37386	38551
Odesa	37585	51484	54903	56688	58372	60796	64025	67857	71150	73787
Poltava	20197	26935	28675	29832	30924	31684	32612	34173	35178	35844
Rivne	10622	14036	14589	15129	15794	16354	16866	17576	18293	18946
Sumy	13964	18379	19334	20013	20683	21073	21679	22604	22855	23212
Ternopil	11804	16447	17218	17786	18289	18633	18996	20113	20527	20988
Kharkiv	47671	57239	59324	60990	63040	65391	68191	71050	72655	74114
Kherson	16493	22499	23956	24985	25811	26462	27019	28028	28624	29151
Khmelnyskiy	12830	17845	19416	20450	21542	22501	23306	24805	25726	26442
Cherkasy	14095	18699	20096	21163	22279	23144	24123	25814	26821	27669
Chernivtsi	8834	11338	11741	12012	12433	12919	13593	14687	15484	16026
Chernihiv	10573	13814	14833	15517	16458	17219	17736	18486	18693	19091
cities										
Kyiv	74479	123584	135308	147189	159517	171072	183866	198996	215449	228837
Sevastopol	6632	9336	9824	9600	9335	9832	10592	11469	12634	13346

5.2. Business register units, by region*(as of January 1, 2009; per 1000 population)*

5.3. Business register units, by type of economic activity*(as of January 1, 2009; percent)***5.4. Business register units, by the legal status and type of economic activity***(as of January 1, 2009)*

	Total	Including	
		with status of the legal person	without status of the legal person
Total	1228888	1168724	60164
Agriculture, hunting, forestry	86191	84713	1478
Fishing, fishery	1954	1903	51
Industry	124634	118355	6279
mining	4817	4435	382
manufacturing	114232	109520	4712
production and distribution of electricity, gas and water	5585	4400	1185
Construction	90048	87137	2911
Trade; repair of motor vehicles, household appliances and personal demand items	307760	292728	15032
Activity of hotels and restaurants	22072	20696	1376
Activity of transport and communications	39079	35075	4004
Financial activity	19041	12622	6419
Real estate transactions, renting, engineering and provision of services to businessmen	158000	149567	8433
Public administration	51485	48486	2999
Education	43913	41559	2354
Health care and provision of social aid	30653	28952	1701
Provision of communal and individual services; cultural and sporting activity	161099	156212	4887

5.5. Business register units, by the organizational and the legal forms of business*(beginning of year)*

	1997	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	615686	834886	889330	935578	981054	1023396	1070705	1133200	1187020	1228888
including										
farm	26980	38561	42976	45781	46937	47800	48918	49801	50023	50126
private enterprise	111644	192168	206144	217780	229335	237980	248211	258536	270331	278574
collective enterprise ¹	37666	40028	37869	36134	34153	32817	31168	29330	27708	26564
public enterprise	14158	9965	9307	8469	8020	7752	7562	7359	7213	6975
state-run enterprise	—	49	49	49	49	50	50	50	43	44
communal enterprise	12373	13713	14558	15129	16066	16460	16688	16755	16636	16336
subsidiary	5315	19140	21097	22469	23598	23580	23127	22523	21648	20973
foreign enterprise	1171	2446	2392	2326	2285	2317	2315	2347	2323	2307
enterprise, public association (religious organization, trade union)	—	2355	3098	3676	4051	4247	4369	4510	4590	4560
enterprise founded by consumer partnership	—	—	—	—	421	616	860	1061	1167	1234
leased enterprise ¹	3614	1741	1625	1520	1450	1377	1330	1276	1222	1193
joint venture ¹	9901	6798	6403	6024	5605	5431	5291	5148	5068	5013
joint-stock company	30922	34942	35134	35016	34662	34571	33976	33084	31993	31100
of which										
open	8883	12089	12171	12137	11906	11730	11345	10895	10406	10058
closed	18981	22100	22255	22194	22089	22167	21948	21503	21098	20502
limited liability company	147738	221905	241799	261212	281105	302942	325925	351750	381205	404525
extended liability company	718	719	721	698	689	694	700	696	730	761
full liability company	1640	1997	2013	1994	1977	1988	1997	1985	1948	1939
mixed liability company	653	799	762	727	703	694	690	673	654	642

UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANIZATIONS OF UKRAINE

Table 5.5 is continued

	1997	2001	2002	2003	2004	2005	2006	2007	2008	2009
cooperative	20094	29892	30394	31388	29616	30229	30790	31429	33257	34324
of which										
production	—	3107	2512	2459	2506	2607	2556	2653	2602	2539
agriculture and production	—	—	445	630	825	1020	1324	1364	1404	1418
organization (establishment, institution)	28411	69382	72013	75652	80277	83116	85821	100083	101817	104024
of which										
state-run	—	—	—	—	—	21462	19313	17733	16801	16035
communal	—	—	—	—	—	51731	53009	64252	63910	61450
association	1902	2516	2435	2458	2497	2679	2751	2841	2953	3057
corporation	332	609	648	717	761	798	824	842	849	862
consortium	51	57	61	62	66	77	80	84	84	89
concern	353	380	385	395	388	397	406	403	400	396
other associations of the legal persons	1194	2123	2141	2115	2082	2061	1971	1880	1774	1717
branch (another separated subdivision)	13409	44108	46565	47597	48345	49902	51429	54238	55937	55322
representative office	2222	2971	3092	3271	3431	3596	3810	4031	4219	4317
commodity exchange	—	—	—	—	—	105	221	302	411	503
credit union	—	—	—	—	—	435	737	938	1026	1097
consumer partnership	2776	5103	5495	5696	5759	5729	5656	5535	5403	5328
union of consumer partnerships	565	666	692	676	625	589	524	482	452	428
political party	360	5477	8319	9596	10910	11408	13976	15459	16167	16719
non-profit organization	11360	29083	33045	36593	40253	43152	46682	50706	54862	59321
religious organization	3521	12167	13660	15099	16491	17639	18617	19706	20595	21425
trade union, association of trade unions	1059	10965	12415	13157	13507	14192	15639	17360	20405	22678
charity organization	—	4525	5776	6968	8143	8928	9590	10319	10988	11660
condominium	—	—	—	—	2833	3430	4159	5295	6848	8549

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

6. MATERIAL AND ENERGY RESOURCES

The capital assets are one of the components of the national wealth of the country. They include land plots, buildings, premises, and transmitting devices, enginery and equipment, transport vehicles, tools, animals, perennial plants, draft and productive livestock, etc.

The capital assets include capital assets of the enterprises, organizations, departments, and also capital assets being owned privately by the households (residential houses and amenities).

Since 2007 due to changes in the accounting of some asset types, the value of long-term biological assets of livestock breeding and crop cultivation related to agricultural activity was included to the value of these assets.

Current value of the capital assets incorporates the indexation adjustments and revisions.

The 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 the productive, and communal and consumer needs are identified as the sum of the given enterprises regarding the expenditures for these resources for transformation into other types of fuel and energy; for non-energy purposes (as raw material, materials), for the final consumption as well as their expenditure when distributing, transporting and storing regardless of the sources of their supplies (whether they have been bought for one's 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 the production, for the auxiliary needs of the production (the general production shops' and plants' expenditure for heating, ventilation, light, etc.) and technically inevitable of energy in losses the transformers, 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 for per unit of the finished products on the basis of the data from the enterprises. The important about the cost per unit for fuels and energy, before 2004 inclusive, is presented in line with nomenclature according to the *National Classifier of Products* (NCP); since 2005, by the *Nomenclature of the Industrial Products* (NIO).

The recording of fuels and energy is made in the physical units of measurement: tones, thousand cubic meters, density cubic meters, thousand kilowatt hour, G-calorie. To identify the general amounts of the used fuels, as well as a proportion of the selected types of fuels in the total amount, all types of fuels are recalculated from the physical into the conventional values according to the coal equivalent (7000 kcal/kg).

MATERIAL AND ENERGY RESOURCES

6.1. Capital assets in the economy

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
	bln. KRB		bln. UAH							
Capital assets (at current prices, end of year)	474	10865152	829	965	1026	1141	1276	1569	2047	3150
Indices of capital assets, percent										
of 1990	100,0	107,5	110,6	114,6	118,4	123,4	128,1	134,5	142,7	150,0
of the previous year	103,1	99,0	101,0	101,1	103,3	104,2	103,8	105,0	106,1	105,1

6.2. Capital assets, by region

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

	2000	2001	2002	2003	2004	2005	2006	2007
Ukraine	828822	915477	964814	1026163	1141069	1276201	1568890	2047364
Autonomous Republic of Crimea	34553	36467	40122	42340	43758	47685	63496	76953
oblasts								
Vinnitsya	19981	21806	25417	25287	25993	28747	32911	42704
Volyn	12041	12608	12986	13056	14962	16659	18725	25329
Dnipropetrovsk	86131	96250	97930	101791	128686	136776	159289	194092
Donetsk	99256	104992	108565	123097	129043	144630	188318	225947
Zhytomyr	18436	19108	19137	19814	20207	21669	23873	31586
Zakarpattia	11463	12176	12747	13886	15182	17027	21589	28157
Zaporizhzhya	44810	52096	55402	56813	59225	70358	88089	115057
Ivano-Frankivsk	17156	18340	23745	25163	26811	28022	30150	35338
Kyiv	30450	35158	32296	36232	42289	46815	56111	74906
Kirovohrad	17055	19013	19646	19025	19729	21612	28122	35533
Luhansk	43948	46008	47155	48335	51946	57357	69283	84441
Lviv	35646	41351	44242	47085	51890	59232	68867	82009
Mykolayiv	21812	23033	23453	25101	26451	29348	36909	62257
Odesa	42224	46344	46818	49892	57173	65200	83686	96492
Poltava	30824	33521	36462	38396	52493	57632	68583	94180
Rivne	14875	15827	16065	16346	18964	22785	27380	40277
Sumy	21261	23183	25365	25896	26542	28138	30884	35680
Ternopil	12289	12216	13394	13374	13913	15097	16861	20111
Kharkiv	66358	71112	70681	74548	75594	86816	114402	181148
Kherson	17362	17056	17628	22006	18219	19234	24067	29851
Khmelnyskiy	17943	18884	18954	19279	22399	26764	29777	40057
Cherkasy	21399	21754	21802	22395	23238	26790	42228	49785
Chernivtsi	11167	12303	12606	12446	12893	13720	15801	18931
Chernihiv	18701	26548	25965	26610	27430	29425	31481	35065
cities								
Kyiv	56571	72546	90154	101679	129325	151036	189399	281164
Sevastopol	5110	5777	6077	6271	6714	7627	8609	10314

MATERIAL AND ENERGY RESOURCES

6.3. Capital assets, by type of economic activity

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

	2001	2002	2003	2004	2005	2006	2007
Total	915477	964814	1026163	1141069	1276201	1568890	2047364
Agriculture, hunting, forestry	93392	86192	77979	75447	76034	75511	78978
agriculture, hunting and related services	92510	85314	76995	74362	74880	74274	77471
forestry and related services	882	878	984	1085	1154	1237	1507
Fishing, fishery	1885	1904	1409	1248	1139	1209	1216
Industry	311089	339259	362598	420080	456738	525222	660369
mining	60130	62543	66974	74878	80012	87562	95006
manufacturing	174158	181394	191953	224367	245800	295046	366247
production and distribution of electricity, gas and water	76801	95322	103671	120835	130926	142614	199116
Construction	16927	17312	18256	20421	24682	29278	40074
Trade; repair of motor vehicles, household appliances and personal demand items	20337	21568	25644	31906	36673	44018	74924
Activity of hotels and restaurants	5484	6367	6893	7636	9252	15217	19625
Activity of transport and communications	130634	141826	151164	167538	184342	306919	453835
Financial activity	6145	7680	9244	12646	15439	23688	34833
Real estate transactions, renting, engineering and provision of services to businessmen	209095	214536	233956	247005	303927	363918	465591
Public administration	33389	33161	35235	34572	34901	37193	43572
Education	46302	45735	46621	49281	51639	53500	56615
Health care and provision of social aid	24467	25231	28085	34760	38726	41970	47248
Provision of communal and individual services; cultural and sporting activity	16328	17117	17396	20856	20911	24323	28550

MATERIAL AND ENERGY RESOURCES

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

(percentage of the previous year)

	2001	2002	2003	2004	2005	2006	2007
Total	102,4	101,1	103,3	104,2	103,8	105,0	106,1
Agriculture, hunting, forestry	99,6	99,95	100,7	101,6	102,8	98,6	105,7
agriculture, hunting and related services	99,6	99,98	100,7	101,5	102,8	98,4	105,7
forestry and related services	102,1	97,2	104,3	105,1	104,4	106,2	108,3
Fishing, fishery	99,4	102,6	99,1	101,4	100,9	98,8	103,1
Industry	102,5	102,6	103,0	104,7	102,5	104,8	105,6
mining	104,2	103,7	103,5	106,8	105,1	105,6	106,3
manufacturing	102,2	102,5	103,6	104,6	102,2	105,7	107,2
production and distribution of electricity, gas and water	101,5	101,9	101,5	103,6	101,6	102,5	102,0
Construction	101,9	103,1	105,6	106,5	108,6	111,4	118,2
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
Activity of hotels and restaurants	108,0	103,5	104,4	108,1	108,0	104,5	104,1
Activity of transport and communications	103,9	103,9	105,8	105,3	106,5	106,5	105,6
Financial activity	117,2	128,2	117,4	117,9	118,3	121,6	120,6
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
Public administration	102,4	102,2	103,7	105,6	103,5	103,7	104,5
Education	101,9	100,0	101,6	101,5	101,3	101,8	102,2
Health care and provision of social aid	102,8	101,3	102,5	103,0	102,3	102,0	103,1
Provision of communal and individual services; cultural and sporting activity	102,9	102,1	102,4	104,9	102,9	103,5	105,4

MATERIAL AND ENERGY RESOURCES

6.5. New capital assets putting into service, by region

(at current prices; mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007
Ukraine	23726	33255	35025	44165	61468	70497	82333	127453
Autonomous Republic of Crimea	646	954	1299	1576	1804	1887	2340	3386
oblasts								
Vinnytsya	460	822	658	815	986	1306	1674	3101
Volyn	255	372	609	563	642	851	1373	2178
Dnipropetrovsk	2093	2904	2972	3652	5033	5855	7754	12041
Donetsk	2976	4298	3723	4811	6547	7067	9562	14425
Zhytomyr	316	483	502	725	758	1299	1210	2693
Zakarpattia	304	385	540	852	857	861	1243	1931
Zaporizhzhya	1696	1852	2209	2051	2108	2208	2376	3689
Ivano-Frankivsk	511	867	718	1389	1139	1350	1761	2587
Kyiv	1229	1919	1528	2085	2400	2799	3598	8045
Kirovohrad	316	421	411	628	728	1400	1151	1663
Luhansk	876	1413	1337	1910	2348	2846	3750	5486
Lviv	897	1103	1391	1731	2444	2974	3842	5333
Mykolayiv	509	657	781	1249	1136	2023	2589	2869
Odesa	1207	1859	1821	2024	2840	4452	4690	6570
Poltava	1482	1831	1831	2074	2140	2956	3090	4284
Rivne	440	506	459	657	2617	921	1704	2020
Sumy	593	880	1008	941	1140	1244	1464	1906
Ternopil	199	215	269	368	445	618	858	1568
Kharkiv	1411	1796	2267	2802	4221	4903	5764	6676
Kherson	358	435	385	499	720	917	1017	1499
Khmelnyskiy	391	544	640	611	2399	1043	1729	1864
Cherkasy	396	490	549	911	1160	2328	1682	1983
Chernivtsi	118	198	184	332	420	534	922	1566
Chernihiv	477	577	533	684	851	1170	1170	1637
cities								
Kyiv	3450	5341	6148	8032	13203	14225	13601	25732
Sevastopol	120	133	253	193	382	460	419	721

MATERIAL AND ENERGY RESOURCES

6.6. New capital assets putting into service, by type of economic activity

(at current prices; mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007
Total	23726	33255	35025	44165	61468	70497	82333	127453
Agriculture, hunting, forestry	3107	4077	3647	3741	4906	6471	4986	6295
agriculture, hunting and related services	3067	4037	3593	3682	4824	6389	4883	6137
forestry and related services	40	40	54	59	82	82	103	158
Fishing, fishery	24	25	69	34	36	25	29	50
Industry	9363	10791	12102	14012	23547	22738	29085	39655
mining	2917	3683	3253	3578	6323	6104	6268	7716
manufacturing	4650	5637	6982	8564	12081	13773	18426	27722
production and distribution of electricity, gas and water	1796	1471	1867	1870	5143	2861	4391	4217
Construction	919	800	1043	1395	1731	2578	3489	6234
Trade; repair of motor vehicles, household appliances and personal demand items	1122	1345	1843	2756	3857	5219	6896	11672
Activity of hotels and restaurants	166	490	275	425	773	836	852	941
Activity of transport and communications	4118	6416	6690	9607	10416	14185	14857	22683
Financial activity	775	1041	1436	1427	2014	2858	3799	5761
Real estate transactions, renting, engineering and provision of services to businessmen	2844	4270	4741	6316	7601	9657	12468	25400
Public administration	444	1052	1102	1616	2726	2030	1781	2650
Education	400	1410	885	1236	1303	1380	1602	2168
Health care and provision of social aid	184	916	689	1016	1366	1464	1425	2187
Provision of communal and individual services; cultural and sporting activity	260	622	503	584	1192	1056	1064	1752

MATERIAL AND ENERGY RESOURCES

6.7. Degree of depreciation of capital assets, by region

(percent)

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

MATERIAL AND ENERGY RESOURCES

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

	<i>(percent)</i>							
	2000	2001	2002	2003	2004	2005	2006	2007
Total	43,7	45,0	47,2	48,0	49,3	49,0	51,5	52,6
Agriculture, hunting, forestry	47,3	49,6	49,3	50,4	51,1	52,2	48,2	46,2
agriculture, hunting and related services	48,3	50,0	50,4	51,6	51,1	50,6	49,0	46,1
forestry and related services	48,8	49,0	47,3	49,4	49,6	48,4	49,0	47,3
Fishing, fishery	56,2	59,6	58,2	59,3	57,8	55,9	59,4	55,4
Industry	48,8	51,9	54,5	56,4	58,3	57,9	58,6	59,0
mining	41,8	44,4	45,5	49,1	49,6	49,6	49,9	49,8
manufacturing	52,0	55,1	55,4	55,8	59,3	59,2	60,0	59,7
production and distribution of electricity, gas and water	46,6	50,5	58,7	62,0	62,0	60,6	60,9	62,2
Construction	49,2	52,1	52,6	51,0	48,5	45,1	40,8	39,3
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
Activity of hotels and restaurants	36,0	35,4	35,7	35,2	33,3	31,6	37,7	39,2
Activity of transport and communications	50,5	50,2	49,8	49,0	49,9	48,5	60,4	66,9
Financial activity	23,1	20,9	22,2	23,2	23,8	29,6	26,7	25,0
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
Public administration	47,0	22,7	31,4	32,7	39,8	42,2	40,8	38,6
Education	40,5	51,2	56,6	57,0	58,3	59,7	61,6	57,4
Health care and provision of social aid	37,8	42,1	49,1	50,3	47,2	47,4	45,7	44,0
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

MATERIAL AND ENERGY RESOURCES

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

	Year	Operational costs of the sold products (operations, services)		Including			
				financial costs		goods and services value being purchased for resaling and sold without additional processing	
		mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %
Total¹	2007	2312792,6	100	614412,3	26,6	1258420,9	54,4
	2008	2917389,5	100	790308,4	27,1	1543492,6	52,9
Agriculture, hunting, forestry	2007	36089,5	100	21374,9	59,2	0,9	0,0
	2008	49519,8	100	29194,6	58,9	0,7	0,0
Industry	2007	671923,8	100	440634,3	65,6	73154,2	10,9
	2008	860512,7	100	566236,4	65,8	91156,0	10,6
Construction	2007	105293,8	100	79341,8	75,3	11,2	0,0
	2008	125888,5	100	94712,4	75,2	28,5	0,0
Trade; repair of motor vehicles, household appliances and personal demand items	2007	1145973,0	100	11469,7	1,0	1050002,5	91,6
	2008	1401104,5	100	14576,6	1,0	1274568,9	91,0
trade in motor vehicles and motorcycles, maintence and servicing	2007	108340,5	100	1854,8	1,7	95904,5	88,5
	2008	159464,4	100	2767,6	1,7	140243,7	87,9
wholesale trade and sale intermediation	2007	935418,9	100	7223,1	0,8	869908,7	93,0
	2008	1107228,3	100	8328,7	0,8	1026665,2	92,7
retail trade; repair of household appliances and personal demand items	2007	102213,6	100	2391,8	2,3	84189,3	82,4
	2008	134411,8	100	3480,3	2,6	107660,0	80,1
Activity of hotels and restaurants	2007	9010,7	100	3705,9	41,1	575,1	6,4
	2008	11915,9	100	4830,3	40,5	943,3	7,9
Activity of transport and communications	2007	117925,7	100	34702,7	29,4	15416,6	13,1
	2008	157531,6	100	46228,5	29,3	19452,8	12,4
Real estate transactions, renting, engineering and provision of services to businessmen	2007	91308,1	100	17976,4	19,7	16191,7	17,7
	2008	161647,3	100	26810,7	16,6	53995,5	33,4
Education	2007	1338,4	100	223,9	16,7	0,0	0,0
	2008	1670,9	100	253,5	15,2	0,0	0,0
Health care and provision of social aid	2007	3986,8	100	1470,0	36,9	1,0	0,0
	2008	5425,0	100	2054,8	37,9	5,7	0,1
Provision of communal and individual services; cultural and sporting activity	2007	14497,6	100	2286,7	15,8	172,4	1,2
	2008	18267,5	100	2937,3	16,1	146,8	0,8

¹ In 2008, without taking into account the changes of the major type of activity of enterprises

MATERIAL AND ENERGY RESOURCES

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		expenses for remuneration of labour		social contributions		other operational costs		
mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	
57923,0	2,5	137507,3	6,0	49563,5	2,1	194965,6	8,4	95,8
72780,3	2,5	175915,1	6,0	62797,5	2,2	272095,6	9,3	98,8
2266,3	6,3	6515,0	18,1	1368,8	3,8	4563,6	12,6	92,3
2855,7	5,8	8293,8	16,7	2009,8	4,1	7165,2	14,5	95,5
24347,1	3,6	61361,4	9,1	23481,9	3,5	48944,9	7,3	93,7
29148,0	3,4	77395,5	9,0	29509,7	3,4	67067,1	7,8	93,9
1931,3	1,8	9958,2	9,5	3675,4	3,5	10375,9	9,9	98,2
2548,8	2,0	11436,3	9,1	4202,5	3,4	12960,0	10,3	98,1
5146,6	0,4	16808,3	1,5	6402,3	0,6	56143,6	4,9	97,9
6508,4	0,5	22337,9	1,6	7678,2	0,5	75434,5	5,4	98,5
993,4	0,9	2229,0	2,1	831,4	0,8	6527,4	6,0	97,7
1571,0	1,0	3286,1	2,1	1111,1	0,7	10484,9	6,6	99,6
2968,8	0,3	9878,6	1,1	3918,8	0,4	41520,9	4,4	97,7
3288,2	0,3	12191,8	1,1	4196,3	0,4	52558,1	4,7	98,1
1184,4	1,2	4700,7	4,6	1652,1	1,6	8095,3	7,9	99,6
1649,2	1,2	6860,0	5,1	2370,8	1,8	12391,5	9,2	100,5
583,6	6,5	1742,4	19,3	598,9	6,7	1804,8	20,0	105,1
681,6	5,7	2235,6	18,8	780,0	6,6	2445,1	20,5	106,6
11819,3	10,0	20902,9	17,7	7515,7	6,4	27568,5	23,4	88,5
16616,7	10,5	27529,7	17,5	9921,3	6,3	37782,6	24,0	92,8
9601,0	10,5	13561,3	14,9	4397,4	4,8	29580,3	32,4	94,0
11189,9	6,9	17453,6	10,8	5735,4	3,6	46462,2	28,7	101,1
82,5	6,2	527,1	39,4	184,5	13,8	320,4	23,9	104,0
87,8	5,3	630,8	37,7	223,4	13,4	475,4	28,4	109,2
347,7	8,7	1061,8	26,6	374,2	9,4	732,1	18,4	105,3
431,3	8,0	1395,6	25,7	488,9	9,0	1048,7	19,3	108,1
1417,0	9,8	3166,9	21,8	1002,3	6,9	6452,3	44,5	105,3
2181,0	11,9	4138,1	22,7	1316,0	7,2	7548,3	41,3	107,0

MATERIAL AND ENERGY RESOURCES

6.10. Electricity input-output table

(bln.kW·h)

	Electricity output	Electricity obtained from outside Ukraine boundary	Electricity consumption by					Transmission losses	Electricity delivered from Ukraine to outside
			enterprises of mining, manufacturing industries, production and distribution of electricity, gas and water; by construction enterprises	enterprises of agriculture, hunting, forestry; fishing, fishery	enterprises of transport and communications	enterprises and organizations of other activities	population		
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

USES OF MATERIAL AND TECHNICAL AND ENERGY RESOURCES
6.11. Consumption of energy materials and refinery processing products in 2008, by the selected type of economic activity

	Consumption ¹	Share of consumption, by the selected economic activities, percent				
		agriculture, hunting, forestry	industry	construction	activity of transport and communications	enterprises and organizations of other types of activity
Total, mln.t of conventional fuel	194,5	1,6	76,5	0,7	4,1	1,9
Coal, mln.t	70,4	0,1	96,5	0,0	0,2	1,2
Natural gas, bln.cub.m	63,5	1,0	62,5	0,2	6,9	2,2
Crude oil (including gas condensate), mln.t	10,8	0,0	99,9	0,1	—	0,0
Gasoline, thsd.t	5061,1	5,7	7,7	2,5	3,2	8,2
Gas oil (diesel fuel), thsd.t	6195,7	19,9	20,9	6,4	21,1	6,0
Heavy fuel oil, thsd.t	1206,6	0,5	92,9	2,1	3,1	1,4
Kerosene, thsd.t	357,1	0,1	4,5	0,1	91,8	3,5
Liquefied propane and butane, thsd.t	344,9	2,5	17,4	1,3	4,5	11,2
Oil and lubricants, thsd.t	327,7	10,5	73,0	3,2	9,9	1,7
Coal briquettes, thsd.t	10,1	0,2	62,2	0,3	0,4	32,4
Non-agglomerated fuel peat, thsd.t, conventional moisture content	308,4	0,0	94,9	—	—	1,5
Firewood for the heating, thsd. densit cub.m	2654,6	6,4	4,6	0,4	1,1	11,9

¹ Including energy materials and refinery processing products sold to households

MATERIAL AND ENERGY RESOURCES

6.12. Uses of fuel and energy resources for production needs

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

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

6.13. Consumption structure of energy materials and refinery processing products¹

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
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	22,5	22,8	22,6	22,5	22,2	22,7	24,8	25,6	26,8
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	40,0	38,2	39,0	38,7	40,5	39,3	36,9	37,5
crude oil (including gas condensate)	21,4	9,0	7,6	12,8	15,2	15,3	15,2	13,2	10,3	9,9	7,9
gasoline	3,0	2,5	2,5	2,6	2,7	2,6	2,6	2,7	3,2 ²	3,5 ²	3,9 ²
gas oil (diesel fuel)	3,5	5,0	4,0	3,8	3,7	3,6	3,8	3,7	3,9 ²	4,2 ²	4,6 ²
heavy fuel oil ³	5,9	4,0	1,0	0,9	0,8	0,5	0,5	0,5	0,7	0,8	0,8
kerosene	0,1	0,1	0,2	0,1	0,1	0,1	0,1	0,1	0,3	0,2	0,3
liquefied propane and butane	0,3	0,3	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,3
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	0,4	0,4	0,3	0,3	0,3	0,4

¹ See the footnote for Table 6.11

² Adjusted for amounts sold to households by service stations

³ In 1990–2004, fuel oil

**6.14. Consumption of the selected energy materials and refinery processing products
in 2008¹, 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	70376,8	10,1	63459,1	5061,1	6195,7	1206,6	2654,6
Autonomous Republic of Crimea	159,9	—	1626,0	237,2	205,8	25,7	65,6
oblasts							
Vinnitsya	1837,0	0,1	1619,6	159,6	219,1	11,4	71,3
Volyn	99,7	—	647,1	96,9	140,6	8,4	142,8
Dnipropetrovsk	11275,3	—	6696,9	394,5	553,6	55,5	43,5
Donetsk	30020,9	—	9980,3	368,3	461,6	177,0	38,9
Zhytomyr	34,8	0,2	996,2	115,0	132,2	1,9	307,9
Zakarpattia	27,9	0,6	977,9	132,8	151,3	2,4	124,3
Zaporizhzhya	5040,4	—	2418,1	223,8	228,6	18,1	21,2
Ivano-Frankivsk	4606,9	0,1	2349,9	107,1	187,9	4,4	45,8
Kyiv	2015,3	5,7	2727,2	350,5	308,5	22,9	93,2
Kirovohrad	134,3	1,5	680,5	105,3	135,3	8,3	75,4
Luhansk	8460,0	—	4607,0	181,5	197,9	728,3	55,0
Lviv	1265,9	—	2774,5	262,1	327,3	2,7	109,2
Mykolayiv	32,4	—	1426,5	115,4	183,2	3,4	34,8
Odesa	122,5	—	2771,9	298,8	396,0	45,4	32,0
Poltava	53,0	0,1	3247,7	173,1	563,7	41,9	46,1
Rivne	49,7	—	1460,1	78,6	133,4	0,7	141,6
Sumy	88,8	0,8	1704,3	108,3	116,6	0,2	143,4
Ternopil	29,9	—	865,0	82,3	126,7	0,1	23,4
Kharkiv	3260,6	—	4224,7	251,0	287,6	17,7	200,8
Kherson	78,4	—	584,3	128,2	163,7	5,4	206,0
Khmelnyskiy	510,6	0,9	1085,7	128,7	161,2	4,1	105,2
Cherkasy	409,4	0,1	2531,3	157,3	185,9	0,7	107,4
Chernivtsi	45,0	0,0	429,1	75,7	94,5	0,9	137,2
Chernihiv	434,1	—	1138,7	103,8	104,6	2,4	253,8
cities							
Kyiv	274,6	—	3655,6	590,1	402,8	1,2	28,0
Sevastopol	9,5	—	232,9	35,2	26,1	15,5	0,8

¹ See the footnote for Table 6.11² See the second footnote for Table 6.13

MATERIAL AND ENERGY RESOURCES

**6.15. Costs structure of energy materials and refinery processing products in 2008,
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	52,8	5,3	41,2	0,7
Coal	100,0	91,5	2,2	6,2	0,0
Natural gas	100,0	33,1	9,8	55,4	1,7
Crude oil (including gas condensate)	100,0	99,6	0,1	0,0	0,2
Gasoline	100,0	0,0	0,0	100,0	0,0
Gas oil (diesel fuel)	100,0	4,2	1,1	94,7	0,0
Heavy fuel oil	100,0	80,2	0,8	18,9	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	—	96,2	3,8	0,0
Coal briquettes	100,0	15,2	56,9	27,9	—
Non-agglomerated fuel peat	100,0	71,9	10,8	15,8	1,5
Firewood for heating	100,0	10,5	0,8	88,6	0,0

¹ Including losses owing to conversion and technical processes

² See the footnote for Table 6.11

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

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Output of secondary fuel energy resources, thsd.t of conventional fuel	18863,6	4535,2	7156,5	10037,3	11044,8	11963,1	11119,2	11622,1	12460,6	11024,2
Utilization rate, percent	82,8	93,6	92,3	91,0	89,5	88,7	87,3	88,8	88,3	87,7
Output of secondary heat energy resources, thsd. of Gcal	27029,4	11460,2	10073,0	12010,6	13273,5	13223,1	13429,0	13512,9	14425,2	12634,9
Utilization rate, percent	93,1	95,7	93,8	95,0	93,8	93,3	92,4	95,9	97,1	94,5

MATERIAL AND ENERGY RESOURCES

6.17. Uses of the secondary raw materials

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Worn tyres	33,0	3,1	6,8	6,3	6,7	8,2	7,8	7,6	8,0	13,8
Waste secondary polymer	50,2	9,8	5,3	8,3	10,1	13,2	15,2	20,2	28,0	33,5
Scrap metal, including ferrous metals, mln.t	27,2	9,7	15,9	13,5	14,6	16,3	15,6	16,5	17,5	15,2
Cullet	200,6	99,0	67,2	94,9	97,4	139,4	204,8	238,4	263,4	236,1
Waste secondary textile	135,6	21,6	11,7	8,4	9,6	9,3	9,4	8,7	9,0	9,9
Green vitriol	125,9	4,1	9,0	17,9	17,0	22,0	47,2	39,8	57,0	63,9
Sulphuric acid	126,4	40,3	77,5	47,7	42,2	56,7	57,7	59,9	56,0	48,9
Waste and refuse										
paper and cardboard ¹	640,2	189,4	292,3	377,1	446,3	462,7	521,0	570,1	644,0	652,3
wood, mln. densit cub.m	5,1	1,3	0,4	0,9	0,4	0,9	1,0	1,0	1,1	1,2
leather ²	58,6	7,3	5,2	4,1	3,8	4,8	4,3	3,7	5,0	3,8
graphite-containing	30,6	9,5	13,2	14,1	13,8	8,1	10,2	9,7	9,2	8,9
iron-containing	5433,2	2886,1	3629,3	13980,3	14613,7	13906,1	13907,3	4634,9	15696,3	12735,2
lime	3412,0	726,3	367,8	844,9	932,1	1017,1	987,2	826,7	666,8	447,0
chalk	288,6	39,1	3,1	11,0	0,4	—	—	—	—	0,0
from coal mining and enrichment, mln.t	10,6	5,1	2,7	3,7	2,3	2,3	3,1	3,0	2,7	2,9
from construction output (concrete and ferroconcrete), thsd.cub.m	7,9	0,7	2,4	3,2	7,8	6,1	7,1	6,9	8,4	8,2

¹ In 1990–2002, waste

² In 1990–2002, secondary waste leather materials

MATERIAL AND ENERGY RESOURCES

6.18. Cullings and spendings of the basic material resources

	Spent within a year			Culling left with the consumers and suppliers (as of January 1)		
	2005	2007	2008	2006	2008	2009
Finished rolled ferrous metals, thsd.t	4683,9	5351,4	4166,1	641,0	782,5	716,9
Pipes of large and small diameter, hollow shapes made of ferrous metals, thsd.t	473,0	516,9	443,3	194,1	230,6	220,9
Wire made of steel, thsd.t	107,9	166,8	135,8	37,7	17,4	15,1
Prefabricated construction structures made of cast iron and steel, thsd.t	59,9	50,8	48,6	16,2	10,8	11,2
Prefabricated construction structures made of aluminium, thsd.t	2,4	1,0	0,5	0,2	0,5	0,0
Aluminium rolled stock, thsd.t	26,8	37,7	46,4	9,1	8,4	8,0
Copper rolled stock, thsd.t	14,1	25,7	28,7	3,3	2,4	2,2
Brass-mill products, thsd.t	3,4	3,2	2,9	2,1	1,9	1,7
Bronze rolled stock, thsd.t	0,8	0,9	0,6	0,8	0,6	0,6
Green unalloyed primary aluminium, thsd.t	43,9	29,0	24,0	1,0	1,8	1,0
Green unalloyed secondary aluminium, thsd.t	31,0	39,0	33,3	5,6	6,0	4,9
Green zinc, thsd.t	31,3	31,8	22,0	1,6	2,2	1,4
Fine copper and green copper alloys; addition alloys based on copper, thsd.t	15,5	17,0	13,8	0,9	1,0	0,8
Sodium hydroxide (hydrate of sodium), thsd.t	232,9	209,3	211,3	10,1	8,2	10,0
Sodium carbonate (soda ash), thsd.t	371,9	403,4	398,9	16,2	14,9	17,0
Tyres for trucks and buses, thsd.pcs	441,0	502,9	462,6	92,9	123,7	100,2
Tyres for agricultural, forestry machinery and similar equipment, thsd.pcs	173,6	194,7	205,7	52,9	55,9	58,8
Tyres for cars, thsd.pcs	592,3	951,7	1084,5	80,8	137,6	160,9
Wood cut up or chopped more than 6 mm, thsd.cub.m	1618,4	1630,9	1442,5	194,1	293,3	259,0
Hardboards and other wood products, thsd. of conventional sq.m	3992,6	5428,3	6429,0	443,1	829,6	1177,5
Cement, thsd.t	2832,3	4186,4	4474,0	198,1	308,7	368,7
Corrugated plates, asbestos sheeting and other asbestos cement products, mln.sq.m	36,4	31,5	57,9	10,0	8,5	11,7
Cast, rolled, blown or stretched, sheet or sectioned glass, thsd.sq.m	2709,9	4897,2	2313,8	992,5	1169,4	936,4
Float glass and sheet glass with polished burnished surface, thsd.sq.m	481,3	4103,8	6911,5	145,7	718,7	873,7
Insulated, winding wire, thsd.t	24,8	8,9	9,5	3,1	3,0	2,1
Low-voltage electric wires and cables with 1000 voltage and less, thsd.km	347,0	269,0	257,9	135,9	171,9	146,7
High-voltage electric wires and cables with 1000 voltage and more, thsd.km	11,5	11,5	11,7	6,9	12,4	8,0

MATERIAL AND ENERGY RESOURCES

6.19. Creation and uses of secondary raw materials and industrial wastes

	Created, thsd.t				Uses rate for secondary raw material in the newly created one, percent				Share of reclaimed, neutralized and buried recycled materials in production of raw material ¹ , percent			
	2000	2005	2007	2008	2000	2005	2007	2008	2000	2005	2007	2008
Total	184192,4	231189,5	354703,0	278252,5	41,2	65,0	53,4	43,5	43,4	8,3	5,7	7,7
including												
waste polymer	9,6	21,0	32,0	32,1	55,6	72,4	87,6	100,0	1,9	8,7	6,2	9,9
waste textile	6,0	4,9	5,1	4,5	100,0	100,0	100,0	100,0	14,1	20,0	18,9	14,8
purchased cullet	39,5	106,8	129,5	99,1	100,0	100,0	100,0	100,0	1,3	1,6	1,2	1,8
industrial slag												
backshot cinder	12259,4	14141,1	16360,5	14207,2	62,3	66,6	71,1	65,4	0,6	—	—	—
steel smelting slag	4974,1	7073,7	7959,3	7193,5	39,2	82,3	59,2	69,5	2,8	13,0	12,1	10,1
ferroalloy slag	1121,7	1261,4	1666,0	1189,1	65,2	98,9	86,0	86,8	—	—	0,1	—
cindery from thermal power plants and local boilers	10198,6	7952,7	8793,7	8977,3	10,1	20,0	14,6	12,0	4,7	7,2	9,8	11,8
waste and refuse												
paper and cardboard ²	41,2	85,4	127,1	138,1	100,0	100,0	100,0	100,0	2,3	3,2	2,9	2,5
wood, thsd. densit cub.m	1378,8	1863,7	2177,4	2166,1	51,8	52,2	52,0	55,3	22,2	21,6	24,7	22,3
leather ³	9,4	9,2	10,9	6,6	55,3	46,8	45,2	57,1	12,2	18,3	24,5	33,9
graphite containing	11,7	10,1	8,9	11,1	100,0	100,0	100,0	79,9	—	0,3	0,1	—
from coal mining and enrichment	34457,4	28191,9	30706,2	31645,2	8,0	11,1	8,9	9,3	100,0	20,6	15,8	17,2
from construction (concrete and ferroconcrete), thsd.cub.m	26,2	244,2	85,0	283,4	9,1	2,9	9,9	2,9	83,3	100,0	100,0	100,0
solid domestic	1459,1	3527,0	4387,5	4369,9	2,2	2,3	3,2	3,5	100,0	100,0	100,0	100,0

¹ In 2000, proportion of secondary materials, crushed or dumped

² See the first footnote for Table 6.17

³ See the second footnote for Table 6.17

MATERIAL AND ENERGY RESOURCES

6.20. Cost per unit of energy resources for the selected types of products (operations) in 2008

	Conventional fuel, kg	Thermal power, Mcal	Electric energy, kW·h
Supply of electric power produced by heat and power plants HPPs of general use, thsd.kW·h	330,1	—	—
Supply of electric power produced by HPPs isolated generating plants, thsd.kW·h	396,2	996,9	—
Supply of electric power produced by HPPs not connected to electric power system, thsd.kW·h	190,9	—	—
Supply of electric power produced by thermal power plants of general use excluding HPPs, thsd.kW·h	399,0	—	—
Supply of electric power produced by thermal power plants not connected to electric power system, excluding HPPs, thsd.kW·h	190,8	—	—
Supply of heat power produced by power plants, Gcal	166,8	—	20,0
Supply of heat power produced by boilers, Gcal	164,6	—	31,1
Output of crude oil, t	14,8	36,8	90,0
Primary oil refining, t	37,6	108,5	28,0
Output of non-agglomerated hard coal, t	—	40,3	87,8
Output of non-agglomerated brown coal (lignite), t	—	215,9	169,8
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
Output of agglomerated iron ores and concentrated products excluding burnt pyrites, t	—	—	62,6
Output of processed pig iron, billet iron or other primary forms, t	634,9	48,7	13,8
Output of foundry iron, t	689,7	50,2	113,0
Output of carbon open-hearth steel for moulding, t	67,1	9,9	27,1
Output of ingots made of carbon open-hearth steel, t	109,0	28,4	16,6
Output of basic oxygen steel for moulding, t	2,1	40,5	34,4
Output of ingots made of carbon basic oxygen steel, t	2,9	16,0	29,7

MATERIAL AND ENERGY RESOURCES

Table 6.20 is continued

	Conventional fuel, kg	Thermal power, Mcal	Electric energy, kW·h
Output of carbon electric steel for moulding, t	91,5	99,2	996,2
Output of ingots made of carbon electric steel, t	36,3	102,5	777,1
Production of not crooked rods, hot rolled and hot-drawn, forged from stainless steel angle bars and sections, t	426,6	127,0	1300,7
Production of flat and hot rolled stock of non-alloyed steel (carbonic) and alloyed (excluding stainless and high-speed), t	100,3	22,2	107,3
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	299,6	131,1
Production of tin and tinned, chromium-plated or varnished flat stock, t	37,0	88,8	49,6
Production of electrolytic zinc plated flat stock 600 mm and more of carbonic and alloyed steel, t	44,3	186,0	122,9
Production of freely crooked hot-rolled rods of alloyed steel (excluding stainless and high-speed), t	54,1	14,8	111,3
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	22,1	124,7
Production of hot-rolled sections of non-alloyed (carbonic) steel not less than 80 mm high, t	88,2	48,5	91,7
Production of railway constructions made of iron for railway tracks, t	198,4	393,3	51,5
Production of pipes of large and small diameters, hollow sections made of foundry iron, t	87,2	—	252,2
Output of large and small-diameter pipes, hollow profiles made of ferrous metals, t	149,8	140,9	217,7
Output of other cores and bars made of carbon steel, t	140,2	131,4	411,2
Output of angle bars and sections from non-alloyed (carbon) steel, bars and rolls cold-rolled from alloyed steel (excluding stainless), t	469,0	138,6	789,3
Production of steel wire, t	29,6	105,1	282,1
Output of ferroalloys, t	447,7	7,5	4060,3
Output of hard coal coke and char, t	—	264,5	59,9

MATERIAL AND ENERGY RESOURCES

Table 6.20 is continued

	Conventional fuel, kg	Thermal power, Mcal	Electric energy, kW·h
Output of raw (green) or unreified sulphur (including extracted sulphur), t	218,1	2012,5	546,9
Output of sublimated or precipitated sulphur, colloidal sulphur, t	—	710,0	202,0
Output of synthetic ammonia, t	—	282,5	262,0
Output of sulphuric acid, t	6,8	90,4	119,5
Output of soda ash (caustic ash), t	—	2206,0	205,7
Output of sodium hydroxide (caustic soda), t	—	4063,7	3425,5
Output of mineral or chemical nitrogen fertilizers, t	156,7	512,1	86,0
Output of mineral or chemical phosphatic fertilizers, t	270,1	469,9	393,8
Output of synthetic fibers, t	—	4143,7	5017,5
Output of portland cement, aluminous, permetallnigical, clinker, and similar hydanlic cement, t	143,2	—	108,2
Output of quick lime, t	176,7	—	34,7
Output of construction ceramic non-firesafe bricks, thsd.pcs of conventional bricks	197,3	—	113,6
Output of silicate bricks, thsd.pcs of conventional bricks	—	357,7	47,1
Output of cast, rolled, blown or stretched, sheet or sectioned glass not processed through other method, sq.m	3,9	—	1,2
Output of fabrics, thsd.sq.m			
cotton	51,8	1207,1	1170,2
linen with 85% and more flax	—	1324,3	1126,2
linen with 85% and less flax combined with cotton	—	1331,1	1171,8
Output of knitted hosiery produced by machines or handmade, thsd. pairs	88,9	598,6	382,6
Output of leather footwear, thsd. pairs	—	1279,1	1546,3
Output of bakery products, cakes and rich fermented products, t	111,0	335,3	108,3

MATERIAL AND ENERGY RESOURCES

Table 6.20 is continued

	Conventional fuel, kg	Thermal power, Mcal	Electric energy, kW·h
Output of gingerbreads and similar products, sweet biscuits and waffles, t	96,0	237,5	215,2
Output of dried flatbread, rusk, toast bread and similar products, t	184,6	432,9	232,4
Output of cakes, confectionery products, other bakery products with sweeteners, t	141,5	476,0	411,5
Output of ready-made and canned meat products, offals based on meat or animal blood, extracts and juices made of meat, fish and water spineless species, t	—	755,8	259,3
Output of butter, t	153,8	2179,7	185,6
Output of natural canned vegetables, t	218,7	983,7	102,7
Output of ready-made and canned fruit products, t	63,5	147,4	43,9
Output of non-denaturized ethyl alcohol with at least 80% of turns, dal	—	45,6	2,0
Activity of pipeline transport in transporting crude oil and oil products, thsd.tkm	—	—	7,1
Activity of pipeline transport in transporting gas, mln.cub.m·km	26,2	1,9	2,5
Services rendered by transport infrastructure for rail transport, 10 thsd.tkm (gross)	—	—	19,5

6.21. Accumulation of ash, and ash and slag wastes, by region

	Total waste, mln.t								Uses rate in the total volume of resources, percent							
	2000	2002	2003	2004	2005	2006	2007	2008	2000	2002	2003	2004	2005	2006	2007	2008
Ukraine	385,3	402,3	298,9	304,7	289,1	298,6	299,4	306,2	0,3	0,4	0,4	0,4	0,6	0,7	0,4	0,4
including																
oblasts																
Vinnytsya	22,1	22,9	23,4	23,7	24,0	29,7	25,1	25,3	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Dnipropetrovsk	79,1	80,8	81,8	82,7	83,7	84,6	85,2	86,1	0,2	0,1	0,1	0,3	0,6	0,8	0,4	0,4
Donetsk	128,4	134,7	69,7	72,4	74,8	77,5	79,9	82,7	0,0	0,5	0,6	0,6	0,4	0,7	0,2	0,2
Zaporizhzhya	23,6	24,4	24,7	25,0	25,4	25,8	25,8	26,2	1,3	0,9	0,5	0,6	1,1	1,6	0,4	0,5
Ivano-Frankivsk	28,5	31,7	30,2	30,7	31,4	32,3	33,2	34,0	0,3	0,5	0,6	0,2	0,3	0,2	0,3	0,3
Luhansk	46,5	47,8	8,1	8,5	9,0	7,3	8,0	8,8	0,0	0,0	0,1	0,1	0,1	0,1	0,2	0,1
Kharkiv	24,8	25,9	26,3	26,8	27,4	28,1	28,7	29,3	0,5	0,9	0,3	0,05	0,1	—	0,1	0,1

7. INDUSTRY

Volume indices for industrial outputs are calculated at comparable prices on the basis of enterprise data on the value of products (operations, services) produced. The index to the previous year is based on monthly production indices.

For long-term periods volume indices of industrial production are calculated as chain indices, i. e. by multiplying each index with the relevant previous year index for the period under consideration.

Starting from 2000, statistical data are compiled according to *Classification of Types of Economic Activities* (NACE). Industrial production data are compiled as a sum of economic activities classified by NACE as mining, processing and production and distribution of electricity, gas and water (Sections C, D and E). Index of industrial production is compiled by excluding activities on distribution of gas-like fuel, heat and water.

Industrial output in volume units is typically shown as gross output and includes products produced by an enterprise and reused as its inputs.

Since 2003, information about industrial output is given by *Nomenclature of*

Industrial Products (NIP) developed on the basis of the *State Classifier of Products and Services* (SCPS) 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 sharply differs from Nomenclature used before its implementation, retrospective data are given for selected products, where the indicators' components match each other or could be made consistent.

Volume of industrial products (operations, services) sold is defined by disbursing price of final products (operations performed and services rendered) shipped to an outside customer. The price is used as the basis for settlements with purchasers (customers) and excludes indirect taxes (VAT, excise tax, etc.). The products are considered sold as soon as 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	2001	2002	2003	2004	2005	2006	2007	2008
Share of gross industrial value added in total value added	36,0	34,6	31,4	30,6	30,8	30,3	28,5	30,9	31,7	31,2	31,3 ¹
Industrial fixed assets	32,4	31,5	34,4	34,0	35,2	35,3	36,9	35,9	33,5	32,3	24,1
Industrial products in total output (at basic prices)	50,7	47,4	47,0	48,7	48,4	48,4	48,0	47,8	46,5	45,3	46,1 ¹

¹ Preliminary data

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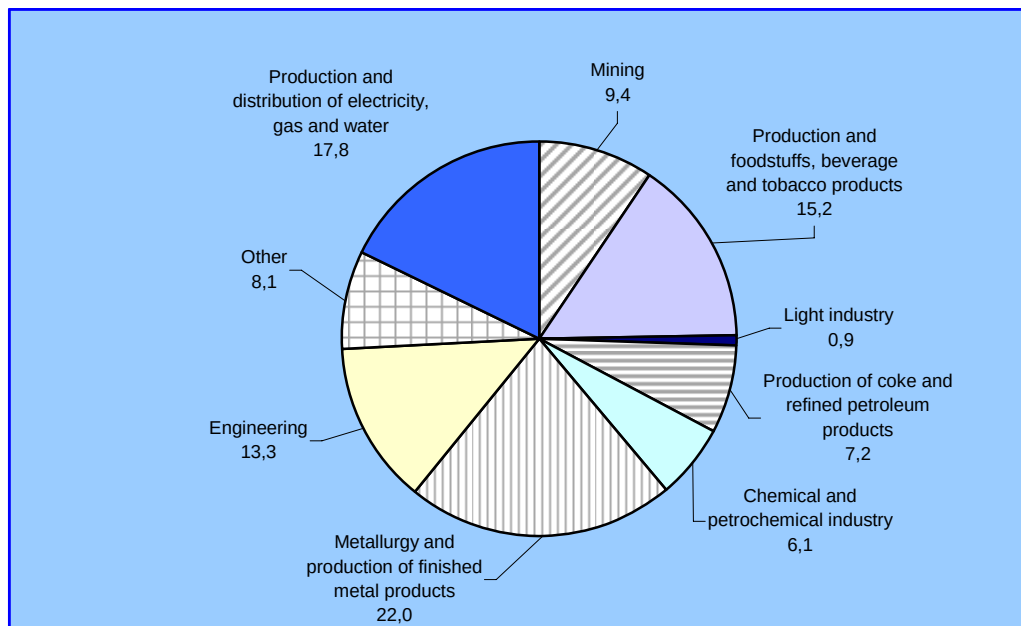
7.2. Basic indicators of industrial production

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Industrial products sold (at current prices), mln. UAH	182718,3	210842,7	229634,4	289117,3	400757,1	468562,6	551729,0	717076,7	916618,3 ¹
Industrial fixed assets (at current prices; end of year), mln. UAH	285328	311089	339259	362598	420080	456738	525222	660369	760194
Profitability of operations of manufacturing enterprises, percent	4,8	3,7	2,6	3,3	4,7	5,5	5,8	5,8	5,0 ¹
Share of loss-making enterprises, percent	42	41	42	40	38	37	35	33	39 ¹
Average annual number of industrial employees, thsd.	4461,8	4267,2	4063,5	3943,6	3941,2	3913,3	3851,9	3690,0	3530,8
Average monthly nominal wages of industrial employees, UAH	291,16	375,16	455,85	553,59	697,42	912,83	1144,59	1481,96	1933,92

¹ Without taking into account the changes of the major type of activity of enterprises

7.3. Industrial products sold in 2008, by type of activity¹

(percent of total)



¹ See the footnote to Table 7.2

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7.4. Industrial output indices, by type of activity

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008
Industry	114,2	107,0	115,8	112,5	103,1	106,2	110,2	96,9
Mining	103,3	102,3	105,5	104,1	104,4	105,8	102,7	97,6
mining of fuel and energy minerals	104,8	99,2	103,6	101,9	103,1	103,3	98,0	101,0
mining operations apart from fuel and energy materials	100,2	107,7	109,1	107,6	105,7	109,5	108,8	93,9
Manufacturing	117,2	108,9	118,2	114,6	103,0	106,3	111,7	96,8
including								
production of foodstuffs, beverages and tobacco products	118,2	108,4	120,0	112,4	113,7	110,0	110,0	99,1
light industry	113,8	100,4	104,0	113,6	100,3	98,1	100,4	96,6
textile industry; sewing of clothes, fur and fur articles	114,7	101,1	102,9	114,0	102,6	95,2	99,7	94,0
production of leather, leather articles and other materials	110,3	97,9	107,5	112,5	91,9	110,3	102,7	105,1
wood working and production of wood products apart from furniture	128,0	123,4	123,6	125,5	119,5	113,9	122,1	109,6
cellulose and paper industry; printing	118,2	108,4	125,7	125,9	112,7	110,3	110,6	107,3
production of coke and refined petroleum products	154,3	125,5	108,7	103,4	86,6	87,9	103,3	85,0
chemical and petrochemical industry	110,6	106,5	116,8	114,4	109,8	103,2	106,2	93,8
production of chemicals	107,9	107,9	116,0	111,0	107,8	100,9	103,9	90,9
production of rubber and plastic products	124,7	100,0	120,7	128,8	117,6	111,1	114,1	103,1
production of other non-metallic mineral products	111,4	105,3	117,9	119,3	114,3	112,8	116,9	104,3
metallurgy and production of finished metal products	104,9	103,9	114,3	112,0	98,5	108,9	108,3	89,4
engineering	118,8	111,3	135,8	128,0	107,1	111,8	128,6	108,6
manufacture of machinery and equipment	118,6	100,4	121,4	118,9	112,2	102,9	115,3	105,2
manufacture of electrical, electronic and optical equipment	115,2	108,1	119,2	149,3	90,8	110,7	122,6	108,3
manufacture of transport vehicles and equipment	122,0	129,6	162,1	124,6	112,4	119,1	142,3	111,1
Production and distribution of electricity, gas and water	102,6	101,1	104,7	98,9	102,9	106,7	103,2	97,5

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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, %
Industry¹	2007	671923,8	100	440634,3	65,6	73154,2	10,9
	2008	860512,7	100	566236,4	65,8	91156,0	10,6
Mining	2007	50711,0	100	24185,0	47,7	—	—
	2008	67620,4	100	32162,3	47,6	—	—
mining of fuel and energy minerals	2007	31191,5	100	12593,6	40,4	—	—
	2008	42363,8	100	17523,1	41,4	—	—
mining operations apart from fuel and energy materials	2007	19519,5	100	11591,4	59,4	—	—
	2008	25256,6	100	14639,2	58,0	—	—
Manufacturing	2007	493457,3	100	384186,9	77,9	—	—
	2008	631847,9	100	491733,2	77,8	—	—
including							
production of foodstuffs, beverages and tobacco products	2007	104788,4	100	79473,6	75,8	—	—
	2008	134519,3	100	101785,1	75,7	—	—
light industry	2007	6989,6	100	4134,7	59,2	—	—
	2008	8656,9	100	5154,1	59,6	—	—
textile industry; sewing of clothes, fur and fur articles	2007	4893,5	100	2579,7	52,7	—	—
	2008	6168,2	100	3277,1	53,1	—	—
production of leather, leather articles and other materials	2007	2096,1	100	1555,0	74,2	—	—
	2008	2488,7	100	1877,0	75,4	—	—
wood working and production of wood products apart from furniture	2007	5686,0	100	3866,0	68,0	—	—
	2008	6696,2	100	4593,0	68,6	—	—
cellulose and paper industry; printing	2007	16046,5	100	11109,1	69,2	—	—
	2008	19875,3	100	13712,8	69,0	—	—
production of coke and refined petroleum products	2007	49685,1	100	45623,7	91,8	—	—
	2008	62640,5	100	58133,4	92,8	—	—
chemical and petrochemical industry	2007	41043,2	100	31393,1	76,5	—	—
	2008	51095,5	100	38615,8	75,6	—	—
production of chemicals	2007	28357,5	100	21403,9	75,5	—	—
	2008	35731,3	100	26782,7	74,9	—	—
production of rubber and plastic products	2007	12685,7	100	9989,2	78,7	—	—
	2008	15364,2	100	11833,1	77,0	—	—
production of other non-metallic mineral products	2007	24805,1	100	17318,9	69,8	—	—
	2008	31827,8	100	21819,2	68,6	—	—
metallurgy and production of finished metal products	2007	141564,2	100	117508,1	83,0	—	—
	2008	186076,3	100	155422,7	83,5	—	—
engineering	2007	92262,3	100	65969,5	71,5	—	—
	2008	117682,0	100	83197,4	70,7	—	—
manufacture of machinery and equipment	2007	29048,1	100	18467,2	63,6	—	—
	2008	35428,7	100	22176,5	62,6	—	—
manufacture of electrical, electronic and optical equipment	2007	20021,6	100	13599,7	67,9	—	—
	2008	24068,5	100	15861,0	65,9	—	—
manufacture of transport vehicles and equipment	2007	43192,6	100	33902,6	78,5	—	—
	2008	58184,8	100	45159,9	77,6	—	—
Production and distribution of electricity, gas and water	2007	127755,5	100	32262,4	25,2	73154,2	57,3
	2008	161044,4	100	42340,9	26,3	91156,0	56,6

¹ In 2008 without taking into account the changes of the major type of activity of enterprises

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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, %	
24347,1	3,6	61361,4	9,1	23481,9	3,5	48944,9	7,3	93,7
29148,0	3,4	77395,5	9,0	29509,7	3,4	67067,1	7,8	93,9
4245,7	8,4	11492,8	22,6	5110,1	10,1	5677,4	11,2	90,0
5020,3	7,4	14906,3	22,1	6587,4	9,7	8944,1	13,2	78,8
3146,9	10,1	8414,5	27,0	3951,9	12,6	3084,6	9,9	105,3
3653,2	8,6	11184,7	26,4	5187,1	12,2	4815,7	11,4	98,7
1098,8	5,6	3078,3	15,8	1158,2	5,9	2592,8	13,3	73,1
1367,1	5,4	3721,6	14,7	1400,3	5,5	4128,4	16,4	58,8
14660,1	3,0	40463,0	8,2	14922,9	3,0	39224,4	7,9	93,1
18271,1	2,9	50122,6	8,0	18441,5	2,9	53279,5	8,4	94,6
3518,6	3,4	7436,6	7,1	2518,8	2,4	11840,8	11,3	95,3
4490,0	3,4	9591,9	7,1	3277,7	2,4	15374,6	11,4	96,3
274,0	3,9	1384,6	19,8	488,6	7,0	707,7	10,1	99,4
293,7	3,4	1587,4	18,3	545,9	6,3	1075,8	12,4	106,5
226,9	4,6	1143,0	23,4	403,4	8,2	540,5	11,1	99,0
247,6	4,0	1316,5	21,4	451,2	7,3	875,8	14,2	110,1
47,1	2,2	241,6	11,5	85,2	4,1	167,2	8,0	100,1
46,1	1,9	270,9	10,9	94,7	3,8	200,0	8,0	98,7
326,6	5,7	705,1	12,4	261,0	4,6	527,3	9,3	98,1
396,3	5,9	775,3	11,6	286,8	4,3	644,8	9,6	98,8
714,6	4,5	1663,6	10,4	578,4	3,6	1980,8	12,3	95,6
839,6	4,2	2055,0	10,4	700,2	3,5	2567,7	12,9	97,0
897,7	1,8	1158,6	2,3	544,7	1,1	1460,4	3,0	94,6
1045,5	1,7	1432,3	2,3	614,2	1,0	1415,1	2,2	94,6
1659,5	4,0	3318,1	8,1	1243,1	3,0	3429,4	8,4	93,5
2021,4	4,0	4111,5	8,0	1576,9	3,1	4769,9	9,3	92,2
1172,0	4,1	2334,8	8,2	878,8	3,1	2568,0	9,1	91,4
1376,2	3,8	2879,4	8,1	1134,0	3,2	3559,0	10,0	88,6
487,5	3,8	983,3	7,8	364,3	2,9	861,4	6,8	98,4
645,2	4,2	1232,1	8,0	442,9	2,9	1210,9	7,9	101,8
1036,8	4,2	2846,5	11,5	1046,8	4,2	2556,1	10,3	90,3
1470,1	4,6	3447,7	10,8	1271,5	4,0	3819,3	12,0	92,9
3327,6	2,3	9862,5	7,0	3654,8	2,6	7211,2	5,1	89,9
4513,9	2,4	11843,0	6,4	4489,8	2,4	9806,9	5,3	92,2
2612,6	2,8	11013,3	11,9	4200,1	4,6	8466,8	9,2	93,8
2841,9	2,4	13948,2	11,9	5208,3	4,4	12486,2	10,6	96,7
872,8	3,0	4750,9	16,3	1790,1	6,2	3167,1	10,9	96,5
1031,0	2,9	5959,2	16,8	2216,8	6,3	4045,2	11,4	95,3
620,2	3,1	2721,8	13,6	990,5	5,0	2089,4	10,4	94,4
699,5	2,9	3475,9	14,4	1246,4	5,2	2785,7	11,6	94,4
1119,6	2,6	3540,6	8,2	1419,5	3,3	3210,3	7,4	91,9
1111,4	1,9	4513,1	7,8	1745,1	3,0	5655,3	9,7	98,6
5441,3	4,2	9405,6	7,4	3448,9	2,7	4043,1	3,2	97,8
5856,6	3,6	12366,6	7,7	4480,8	2,8	4843,5	3,0	98,7

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7.6. Industrial output indices, by region*(percent of the previous year)*

	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	114	107	116	113	103	106	110	97
Autonomous Republic of Crimea	109	93	119	128	114	103	112	103
oblasts								
Vinnitsya	109	104	112	112	113	106	109	99
Volyn	121	112	122	123	122	119	144	90
Dnipropetrovsk	109	104	110	110	107	108	107	91
Donetsk	106	104	119	112	92	106	108	92
Zhytomyr	114	104	122	119	113	105	109	106
Zakarpattia	122	112	144	127	108	127	120	103
Zaporizhzhya	102	101	121	119	104	110	119	98
Ivano-Frankivsk	125	123	128	111	105	91	96	79
Kyiv	110	105	117	116	118	114	108	104
Kirovohrad	114	104	124	134	110	112	110	104
Luhansk	130	104	112	111	102	102	116	94
Lviv	143	114	114	109	93	108	113	101
Mykolayiv	110	103	112	115	107	106	108	100
Odesa	130	108	118	97	99	91	117	128
Poltava	133	138	109	110	98	107	103	86
Rivne	110	101	121	115	113	109	112	99
Sumy	107	103	117	108	113	104	108	106
Ternopil	119	103	135	102	109	118	109	110
Kharkiv	117	105	111	116	113	106	110	104
Kherson	125	105	116	98	88	81	109	101
Khmelnyskiy	111	103	114	113	119	113	115	99
Cherkasy	112	108	128	112	114	104	125	133
Chernivtsi	112	103	127	106	110	108	121	104
Chernihiv	113	105	110	110	111	103	106	100
cities								
Kyiv	118	108	114	119	115	110	109	99
Sevastopol	114	106	108	126	117	136	106	96

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7.7. Output 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
Production of foodstuffs, beverages and tobacco products	118,2	108,4	120,0	112,4	113,7	110,0	110,0	99,1
including								
output of meat and meat products	89,2	130,0	126,1	115,3	111,6	113,6	118,0	102,6
output of fish products	146,0	127,8	104,5	135,0	141,3	112,7	121,7	115,4
processing and preserving vegetables and fruit	127,3	122,5	139,3	120,3	129,8	111,8	114,6	92,6
output of oil and fats	97,2	110,0	132,8	109,1	107,9	125,3	106,8	84,4
output of dairy products and ice-cream	134,9	98,1	113,6	120,7	115,6	93,5	111,3	97,1
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	112,4	109,0
output of other foodstuffs	118,9	102,4	120,8	103,3	107,4	113,6	98,2	100,7
of which								
output of bread and bread products	103,0	98,0	107,2	105,7	103,0	100,6	101,1	104,2
output of sugar	118,7	97,3	142,9	99,5	109,1	134,9	71,9	87,0
output of cocoa, chocolate and sugar-based confectionery	115,8	101,3	111,9	112,5	111,2	100,7	109,6	105,8
output of macaroni products	102,8	96,2	103,9	95,3	118,4	107,3	105,8	114,5
output of beverages	123,3	116,2	118,0	115,7	124,0	109,6	116,2	103,1

7.8. Output 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
Production of coke and refined petroleum products	154,3	125,5	108,7	103,4	86,6	87,9	103,3	85,0
including								
output of coke	102,7	96,8	115,7	107,1	87,5	99,8	107,3	96,6
output of refined petroleum products	179,6	135,1	106,7	101,8	85,6	82,2	101,4	80,7

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

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008
Chemical and petrochemical industries	110,6	106,5	116,8	114,4	109,8	103,2	106,2	93,8
Chemical production	107,9	107,9	116,0	111,0	107,8	100,9	103,9	90,9
including								
output of basic chemistry	106,2	107,9	119,2	110,0	104,5	101,7	101,7	85,6
paints and varnish output	112,7	105,8	122,0	110,7	118,0	85,4	106,5	98,1
pharmaceutical output	114,3	103,7	112,1	113,7	117,7	106,5	108,6	103,8
output of soap and detergents, cleaning and polishing agents; perfumes and cosmetics	112,0	114,8	110,7	125,8	118,8	103,1	103,1	117,4
output of artificial and synthetic fibres	74,3	92,4	109,3	119,0	108,3	93,2	104,0	93,7
Output of rubber and plastic products	124,7	100,0	120,7	128,8	117,6	111,1	114,1	103,1
output of rubber products	113,1	85,6	106,6	122,5	110,7	100,8	96,1	95,3
output of plastic products	145,9	119,2	131,5	132,2	121,0	115,8	120,9	105,7

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7.10. Output indices of engineering, by type of activity

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008
Engineering	118,8	111,3	135,8	128,0	107,1	111,8	128,6	108,6
Output of machines and equipment	118,6	100,4	121,4	118,9	112,2	102,9	115,3	105,2
including								
output of mechanical appliances	112,9	100,7	123,1	114,6	113,6	101,2	107,5	108,3
output of machinery for agriculture and forestry	107,5	91,1	103,3	123,6	110,8	82,9	120,0	126,1
output of engineering tools	101,5	92,2	116,0	114,4	110,7	90,1	117,3	100,7
output of other special-purpose machines and equipment	126,5	99,8	122,5	119,4	106,2	108,0	125,9	109,8
of which								
output of machines and equipment for metallurgy	145,4	93,6	118,7	113,8	130,4	117,8	118,1	110,6
output of machines and equipment for mining and construction	118,1	101,3	127,6	123,8	91,6	98,7	134,3	108,2
output of machines and equipment for processing of agricultural products	102,8	94,0	116,4	136,4	102,8	114,0	118,1	112,6
output of machines and equipment for textile and ready-made garments, fur and leather products	116,4	117,0	84,9	98,8	124,0	113,2	129,4	123,7
output of machines and equipment for producing paper and cardboard	146,7	102,0	112,6	104,3	94,0	105,1	121,8	161,8
output of household appliances	124,7	119,5	137,1	121,0	122,1	104,1	108,2	81,1
Output of electrical, electronic and optical equipment	115,2	108,1	119,2	149,3	90,8	110,7	122,6	108,3
output of office and computing equipment	86,9	124,0	128,3	143,0	129,8	96,9	95,7	101,5
output of electric machines and equipment	113,4	109,2	118,1	161,6	85,1	111,6	122,9	112,5
output of appliances for radio, television and communications	134,6	98,6	127,2	109,8	129,5	93,0	123,5	96,1
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	125,0	93,3
Output of transportation carriers and equipment	122,0	129,6	162,1	124,6	112,4	119,1	142,3	111,1
output of cars, trailers and semi-trailers	114,6	123,3	219,2	163,3	122,8	136,6	160,6	114,7
output of other transportations carriers	124,1	131,5	145,1	106,8	104,4	105,0	121,8	105,8
of which								
output of railway rolling stock	121,2	164,1	172,2	106,7	102,4	97,1	131,1	107,6

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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

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
1913	...	...	...	...	6,9
1940	...	3,5	0,4	0,5	20,2
1950	...	2,9	0,3	1,5	21,0
1955	...	4,1	0,5	2,9	39,9
1960	...	4,7	2,2	14,3	59,1
1965	...	4,3	7,6	39,4	83,9
1970	...	4,1	13,9	60,9	111
1975	...	4,1	12,8	68,7	123
1980	...	1,6	7,5	56,7	125
1985	...	2,1	5,8	42,9	120
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

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

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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				
1913	...	...	1108	1108	...	...	...	...
1940	4,9	6887	1580	1580	0,1	27,2	41,3	...
1950	7,1	4371	1806	1806	0,02	26,7	18,2	...
1955	13,1	7100	2426	2328	0,5	38,4	22,2	...
1960	26,5	7278	3877	3340	1,0	52,2	31,6	283
1965	50,0	7287	6686	5644	1,6	67,4	38,1	368
1970	92,2	7526	5973	5061	2,1	90,0	65,9	679
1975	114	7174	6035	4679	2,9	134	88,3	1558
1980	128	7485	5302	3977	3,6	133	90,6	2565
1985	170	8157	6247	4366	3,9	148	97,2	2653
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	238	3030	1571	1571	4,0	320	173	7105

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
1940	31,2	...	...
1950	45,9	...	...
1955	75,7	...	...
1960	104	...	9,7
1965	156	...	11,6
1970	195	0,2	12,0
1975	198	0,2	20,9
1980	173	—	20,7
1985	190	—	26,0
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

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

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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
1985	59,9	9,3	14,6	1,5
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

7.16. Output of selected types of chemical and petrochemical industry

(thsd.t)

	Sulphuric acid	Sodium hydroxide (soda caustic)	Nitric mineral or chemical fertilizers	Tyres for trucks and buses, air transport, thsd.pcs
1913	45,3	36,4	—	—
1940	407	77,6	73	—
1950	395	41,4	115	—
1955	899	79,7	231	—
1960	1311	104	397	...
1965	1887	142	801	1384
1970	2223	218	1396	1710
1975	4033	328	2222	2649
1980	4507	396	2403	3216
1985	4579	500	3220	3507
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

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

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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
1913	2,9	2,4	...	0,1
1940	9,6	8,9	...	0,6
1950	9,2	8,4	...	0,9
1955	16,6	16,9	...	1,5
1960	24,2	26,2	...	2,2
1965	32,6	36,7	0,2	2,9
1970	41,4	46,2	0,4	4,5
1975	46,4	52,7	0,3	5,9
1980	46,5	49,9	3,8	6,3
1985	47,1	51,4	3,6	6,7
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

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
1940	10,4	11,0	—	—	—	—	—	—	139	49,5
1950	22,7	62,2	—	—	—	—	—	—	2736	216
1955	57,3	66,1	4,3	—	—	5,4	—	—	4122	1209
1960	88,0	72,2	78,4	—	97,7	98,7	0,5	2,2	3183	731
1965	118	78,9	295	—	133	519	40,6	6,4	3440	988
1970	148	63,1	498	329	178	1981	86,9	9,1	4513	1341
1975	143	90,9	223	831	182	2402	135	12,6	5156	1805
1980	136	78,0	273	686	208	2526	161	15,2	6240	1880
1985	136	75,2	372	789	403	3067	168	14,8	3203	2321
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	...	203	558	402	10,2	699	381

¹ See the footnote to Table 7.16

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7.19. Output of industrial products, by type of activity

	2003	2004	2005	2006	2007	2008
Mining of fuel and energy minerals						
Coal available, mln.t	59,8	59,4	60,4	61,7	58,9	59,5
Non-agglomerated fuel peat (conventional moisture), mln.t	0,6	0,5	0,6	0,5	0,4	0,4
Crude oil, mln.t	2,8	3,0	3,1	3,3	3,3	3,2
Gas condensate, mln.t	1,1	1,3	1,2	1,2	1,1	1,1
Oil-related gas, bln.cub.m	0,7	0,8	0,9	1,0	0,9	0,9
Natural gas, bln.cub.m	18,6	19,6	19,9	20,1	20,2	20,6
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
Agglomerated iron ores and concentrates, mln.t	58,9	63,1	65,0	68,8	72,8	64,1
Plaster, thsd.t	321	337	381	376	742	1158
Limestone, mln.t	20,4	23,2	25,1	27,8	30,0	26,7
Chalk, mln.t	1,3	1,6	4,4	5,0	5,6	5,6
Natural sands, mln.cub.m	7,2	8,1	10,7	12,8	14,7	15,1
Pebbles, gravel, macadam and crushed stone, mln.cub.m	34,5	39,3	37,8	45,8	60,2	62,6
Kaolin and other kaolinite clay, thsd.t	1176	1468	1566	1731	2172	1775
Salt and pure sodium chloride, thsd.t	3863	4393	4811	5996	5548	4425
Production of foodstuffs, beverages						
Fresh (fresh-killed) or cooled beef and veal, thsd.t	186	141	143	156	160	128
Frozen beef and veal, thsd.t	97,9	57,0	50,1	43,9	61,5	39,4
Fresh (fresh-killed) or cooled pork, thsd.t	80,2	74,1	81,4	130	179	156
Frozen pork, thsd.t	18,9	13,9	18,0	25,4	24,0	14,2
Fresh (fresh-killed) or cooled mutton, thsd.t	0,8	0,7	0,5	0,4	0,5	0,5
Frozen mutton, thsd.t	0,5	0,2	0,1	0,05	0,01	—
Fresh or cooled meat and edible offal of poultry, thsd.t	131	201	274	327	458	572
Frozen meat and edible offal of poultry, thsd.t	38,5	39,8	57,9	90,5	90,1	82,3
Sausages, thsd.t	271	332	309	301	330	332
Poultry products and cans, thsd.t	4,2	3,2	3,9	4,0	4,2	4,6
Pork products and cans, thsd.t	3,1	3,4	4,7	4,7	5,4	5,3
Beef and veal products and cans, thsd.t	10,4	10,4	17,8	12,8	11,1	10,6
Ready-to-cook meat (including poultry) products ¹ , thsd.t	72,5	220	142	149	178	93,9
Fruit and vegetable juices and nectars, thsd.t	400	473	672	744	1077	977
Natural canned vegetables, thsd.t	92,9	102	150	158	101	140
Jams, fruit jellies, fruit or nut purées and pastes, thsd.t	70,5	61,2	93,9	80,7	84,7	92,2
Unpurified sunflower seed oil, thsd.t	1257	1343	1382	2080	2228	1867
Margarine and similar products, thsd.t	250	282	302	311	317	316
Processed skimmed milk, thsd.t	645	716	863	818	859	801
Cream, thsd.t	9,9	23,6	21,2	14,0	14,6	18,4
Butter, thsd.t	137 ²	116	120	104	100	84,8
Fat spreads and mixtures, thsd.t	...	53,0	80,3	71,1	83,8	81,8
Fresh unfermented cheese and sour milk curd, thsd.t	57,7	71,3	83,5	93,2	93,2	92,9
Cheese with high fat content, thsd.t	173	224	274	217	246	238
Sour milk products, thsd.t	427	467	499	523	534	534
Flour, thsd.t	2827	2949	2944	2696	2908	3030
Cereals, thsd.t	294	335	342	322	318	363

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Table 7.19 is continued

	2003	2004	2005	2006	2007	2008
Bread and flour products, thsd.t	2335	2307	2264	2160	2034	1978
Cookies sweet and wafers, thsd.t	272	285	314	337	358	373
Granulated sugar, thsd.t	2486	2147	2139	2592	1867	1571
of which sugar beets	1456	1788	1900	2574	1867	1571
Chocolate and other cocoa products in briquettes, plates or bars, thsd.t	205	244	283	303	329	346
Sugar confectionery (including white chocolate) without cocoa content, thsd.t	293	310	285	241	256	250
Macaroni products without filling and heat processing, thsd.t	110	99,7	104	108	107	113
Natural mineral spring waters, mln.dal	6,5	7,7	14,8	15,7	30,5	35,4
Fizzy natural mineral waters, mln.dal	79,3	77,3	100	115	130	120
Soft drinks, mln.dal	125	140	169	176	196	173
Light industry						
Textiles, mln.sq.m	76,3	107,5	113,5	99,9	114,3	109,1
of which						
cotton	34,4	45,1	53,0	42,7	52,1	48,3
wool	5,2	8,3	8,3	8,1	7,0	6,6
linen	0,5	8,6	2,0	1,8	1,6	0,5
fleecy, terry and other special textiles	6,7	7,0	6,2	2,5	1,7	2,8
those made of chemical fibres	29,5	38,1	44,1	44,8	51,8	49,5
Bed linen, mln.pcs	10,5	11,1	12,0	13,3	16,1	12,4
Carpeting, thsd.sq.m	4173	5099	5631	6219	7733	7105
Nonwoven fabrics and nonwooven fabric articles, thsd.t	6,8	8,8	11,6	14,7	16,1	16,5
Cotton wool, viscose and other types, wool articles, thsd.t	4,9	6,1	6,7	12,1	15,1	18,8
Man-made or machine-made knitted fabrics, thsd.t	5,3	6,3	5,9	5,7	4,7	3,0
Knitted hosiery produced by knitting machines or handmade, mln. pairs	43,3	51,4	55,5	53,8	60,3	61,7
Sweaters, jumpers, pull-overs, 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
Knitted outerwear, mln.pcs	3,8	4,7	4,5	5,9	4,2	4,4
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for men and boys, thsd.pcs	875	615	649	630	534	376
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for women and girls, thsd.pcs	3277	3637	3346	2675	2541	2512
Suits for men and boys, thsd.pcs	1567	1860	1608	1344	1107	1000
Suits for women and girls, thsd.pcs	604	837	893	730	524	496
Warm anoraks (including ski), raincoats, windbreakers and similar products for men and boys, thsd.pcs	539	320	334	337	323	181
Windbreakers and similar products for women and girls, thsd.pcs	558	588	328	222	251	286
Jackets, blazers, pullovers and similar products for men and boys, thsd.pcs	1417	1615	1917	1815	1394	1081
Jackets, blazers, pullovers and similar products for women and girls, thsd.pcs	4123	4772	4644	4115	3725	2527

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Table 7.19 is continued

	2003	2004	2005	2006	2007	2008
Trousers and breechers for men and boys, thsd.pcs	6504	8223	7371	6933	6436	5513
Trousers and breechers for women and girls, thsd.pcs	10559	10354	8519	7582	5988	5207
Gowns and sun-dresses for women and girls, thsd.pcs	1167	1209	1264	916	961	1046
Skirts and culottes for women and girls, thsd.pcs	3579	3409	2825	3042	1976	1594
Shirts for men and boys, thsd.pcs	3187	2792	2663	2626	2518	2165
Blouses, tunics, chemises for women and girls, thsd.pcs	6825	5289	4583	4280	4006	3588
Knitted underwear, mln.pcs	18,8	25,6	26,9	30,7	31,2	22,7
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
Ladies' bags from different materials, thsd.pcs	939	879	771	566	1390	1480
Belts, ammunition belts and other leather products, thsd.pcs	1,0	20,4	...	...	...	52,2
Footwear, mln. pairs	20,3	21,7	20,5	21,2	22,5	22,2
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
Non-coniferous wood blocks, strips and friezes for parquet or wood block flooring, continuously shaped, unassembled, thsd.sq.m	1171	1781	2338	2306	2735	4041
Plywood, thsd.cub.m	114	145	173	164	178	171
Unprocessed particleboard, thsd. conventional cub.m	732	975	1150	1329	1641	1622
Peeled veneer, thsd.cub.m	43,5	53,6	52,7	51,9	57,6	43,8
Planed veneer, mln.sq.m	14,2	21,7	23,8	26,3	37,5	31,9
Windows, doors, their frames and thresholds, of wood, mln.sq.m	1,1	1,5	2,4	3,1	3,7	3,8
Panel parquet, thsd.sq.m	355	400	418	567	676	637
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
Paper for household, sanitary and hygiene purposes, thsd.t	93,4	107	111	112	122	125
Special uncoated paper and cardboard, cigarette paper not cut by size, thsd.t	249	287	318	318	385	388
Boxes, cabinets and bags from crinkled paper and cardboard, mln.sq.m	437	548	657	742	857	856
Boxes, cabinets and bags from noncrinkled paper and cardboard, thsd.t	75,2	72,1	84,3	79,4	85,5	91,2
Wallpaper and similar coverings from paper, mln. conventional pcs	128	153	165	160	170	178
Exercise-books, mln.pcs	358	369	490	687	841	663
Printing newspapers, magazines, and periodicals published 4 times per week, mln. copies of 4 columns newspapers, A2 format	759	875	907	1369	1715	1577
Printing books, mln. copies, 60×90 cm format	1215	1407	1621	1887	1866	2550
Printing newspapers published less than 4 times per week, mln. copies of 4 columns newspapers, A2 format	2852	3676	3677	4175	4018	4210
Printing magazines and periodicals published less than 4 times per week, mln. copies, 60×90 cm format	2035	2954	1335	1585	1908	1819

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Table 7.19 is continued

	2003	2004	2005	2006	2007	2008
Production of coke, refined petroleum products						
Coke-oven coke of coking coal, gas-works coke, mln.t	20,8	22,0	18,9	19,2	20,6	19,5
Coal-tar pitch, thsd.t	1015	1029	876	910	934	881
Primary oil processing, mln.t	21,9	22,0	18,4	14,4	13,9	10,3
Petrol for motor vehicles with 0,013 g/L of lead content and less, mln.t	4,3	5,0	4,6	3,9	4,2	3,2
Diesel fuel for motor vehicles and rail, mln.t	6,3	6,3	5,3	4,3	4,1	3,7
Heavy fuel oil, mln.t	8,0	7,8	5,9	3,8	3,5	2,5
Lubrications, other oils, thsd.t	180	214	176	210	214	188
Liquefied propane and butane, thsd.t	722	754	766	758	824	727
Oil paraffin, thsd.t	15,7	13,9	11,0	13,0	12,2	12,2
Oil asphalt and shore bitumen, thsd.t	386	395	448	512	577	448
Chemical and petrochemical industry						
Synthetic paints, t	4954	5717	1708	2773	4599	4713
Metalloids, thsd.t	151	178	206	184	192	165
Sulphuric acid, thsd.t	1133	1425	1606	1493	1657	1479
Sodium hydroxide (soda caustic), thsd.t	160	210	209	183	135	87,8
Synthetic ammonia, thsd.t	4775	4779	5214	5147	5139	4890
Nitric mineral or chemical fertilizers, thsd.t	2470	2407	2633	2566	2840	2689
Potassium mineral or chemical fertilizers, thsd.t	... ³	10,1	13,1	8,1	11,9	18,1
Plastics in original forms, thsd.t	305	377	397	458	516	443
Pesticides and other agrochemical products, thsd.t	1,9	1,8	2,4	2,8	4,1	9,3
Polymer based paints and varnishes dissolved in water, thsd.t	38,3	46,1	58,0	62,6	79,9	90,5
Polymer-based paints and varnishes dispersed or made soluble in nonwater medium, thsd.t	134	150	164	155	168	145
Antibiotics-based medicines, t	1324	1350	1331	805	855	791
Hormone-based medicines, t	77,2	90,3	105	89,1	122	115
Other medicines (alkaloid-based with vitamins or provitamins, etc.), thsd.t	22,3	26,9	28,2	28,6	30,1	27,2
Immunized sera and other blood fractions, t	15,4	17,0	15,1	14,1	16,0	17,2
Contrast preparations for X-ray researches, diagnostic reagents, etc., t	13,8	20,2	21,2	21,9	27,5	28,0
Soaps and active organic preparations to be used as soaps, thsd.t	66,9	62,0	60,1	54,6	53,8	52,8
Preparations for cleaning surfaces sold through retail, t	2271	2310	2338	1441	2680	2479
Detergents and cleansers for retail, thsd.t	144	161	176	184	195	196
Lustre preparations, t	2348	1877	1147	1686	1662	1651
Tooth pastes and tooth powders, t	522	675	390	327	335	278
Chemical fibres, thsd.t	30,7	36,6	40,1	39,9	40,3	34,8
Tyres, thsd.pcs	6594	7940	7531	9245	7411	6631
of which						
for trucks and buses, air transport	... ³	901	1053	866	824	662
for agricultural, forestry machinery and other equipment	320	844	946	3120	2597	1943
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	236
Sacks and bags (including cone-shaped) of polymers of ethylene, thsd.t	19,1	27,2	33,3	44,4	55,1	63,4

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Table 7.19 is continued

	2003	2004	2005	2006	2007	2008
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	... ³	... ³	... ³
Multiple-layer insulating units of glass, thsd.sq.m	203	395	909	1709	2286	3038
Glass preserving jars (in terms of 0,5 L), mln.pcs	922	1003	840	863	1045	799
Glass containers for beverages and foodstuffs, mln.pcs	1216	1604	1950	2196	2417	2932
Tableware, kitchenware, other household chinaware, mln.pcs	96,0	102	99,3	79,1	57,8	32,1
Refractory products, thsd.t	1167	1352	1290	1116	1128	948
Ceramic slabs and tiles, mln.sq.m	12,9	17,0	20,6	22,1	28,6	41,3
Cement, mln.t	8,9	10,6	12,2	13,7	15,0	14,9
Lime, thsd.t	4962	5302	5342	5450	5688	5128
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
Ceramic construction non-fire bricks, bln.pcs of conventional bricks	1,6	1,8	1,9	2,1	2,3	2,2
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
Corrugated sheets, slates and similar asbestos and cement products, mln. conventional plates	733	716	811	748	632	599
Articles of asphalt or similar material in rolls, mln.sq.m	46,2	50,7	56,2	56,6	55,5	50,4
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
Metallurgy and production of finished metal products						
Cast iron, mln.t	29,5	31,0	30,7	32,9	35,6	31,0
Ferroalloy, mln.t	1,7	2,0	1,7	1,8	2,0	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
Semi-finished products produced through continuous casting, mln.t	8,7	10,5	11,4	13,7	14,7	14,8
Finished rolled ferrous metals, mln.t	22,5	23,2	22,7	22,4	24,5	20,5
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
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
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
Cold-rolled, folded products of non-alloy steel, mln.t	0,1	0,2	0,2	0,2	0,3	0,4
Steel wire, mln.t	0,4	0,6	0,5	0,5	0,6	0,5
Prefabricated construction metal elements, thsd.t	78,4	114	102	127	151	151
Other structures, parts of structures, plates, panels and similar products of iron or aluminium, thsd.t	502	521	551	568	688	682
Reservoirs, tanks of steel, of capacity exceeding 300 L, thsd.t	47,9	38,2	22,6	34,4	40,4	35,2
Central heating radiators without electric heating produced from ferrous metals, thsd.t	33,4	30,8	30,5	31,5	30,7	18,5

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Table 7.19 is continued

	2003	2004	2005	2006	2007	2008
Central heating boilers, thsd.pcs	151	280	371	427	348	329
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
Thread products from ferrous metals, thsd.t	34,7	43,8	50,5	50,2	53,6	48,6
Engineering						
Linear acting hydraulic and pneumatic power engines and motors, thsd.pcs	183	257	326	401	496	662
Rotary positive displacement pumps, thsd.pcs	1216	1269	1137	1079	1251	1196
Aligned pumps for liquids, liquid elevators, thsd.pcs	544	542	464	455	443	273
Ovens and electric ovens for confectioneries, pcs	224	390	349	215	533	514
Bridge cranes on fixed bearings, pcs	95	141	102	232	235	200
Other cranes (portable and bridge gantries, dockside cranes, marine derrick cranes), pcs	285	272	322	311	352	372
Conveyors and elevators, pcs	3074	4324	5203	5679	6550	5495
Industrial refrigerating and freezing equipment and heat pumps, thsd.pcs	107	141	146	170	173	153
Tractors for agriculture and forestry, pcs	4556	5806	5543	3703	5282	6339
Moldboard plows, pcs	4285	5192	3058	2542	3025	7064
Disk harrows, pcs	2090	4101	4520	4421	5751	5517
Spike-tooth harrows, thsd.pcs	10,0	17,3	20,4	13,8	18,6	26,4
Rippers and cultivators, thsd.pcs	7,7	8,9	8,0	11,5	9,2	10,4
Seeding machines, thsd.pcs	8,0	9,9	11,3	9,0	7,1	9,9
Mowing machines, thsd.pcs	1,5	3,1	3,8	3,2	3,1	3,4
Grain harvester combines, pcs	101	305	308	... ³	137	309
Sugar beets harvesters and machinery for trimming sugar tops, pcs	398	109	88	201	18	... ³
Machines and mechanisms for feed preparation, thsd.pcs	47,2	66,3	107	101	72,8	87,4
Lathes, grinders, drillers, milling machines, pcs	378	496	409	289	336	307
Presses and forge machines, pcs	298	165	99	161	160	116
Lathes for wood processing, pcs	3743	4165	3722	3554	3160	2444
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
Rollers for rolling mills, thsd.pcs	...	...	11,0	17,6	20,0	19,7
Elevators, conveyers and lifts of continuous, operation for underground working, thsd.pcs	17,9	10,3	26,6	18,2	13,2	6,6
Boring and sinking machines, pcs	1047	2601	3203	3456	3145	2684
Front bucket loaders, special loaders for underground work, pcs	28	9	23	38	15	17
Excavating machines, pcs	378	599	584	813	1044	921
Concrete mixers and mortar mixers, pcs	1567	2530	2861	6248	10286	11314
Machines and equipment for production of bakery products, pcs	9302	7426	6689	4848	3552	3431
Machines and equipment for producing confectionery, cocoa or chocolate, pcs	291	245	374	1079	1793	1245
Machines and equipment for sugar production, pcs	388	441	543	1018	1768	447
Machines and equipment for processing meat and poultry, pcs	1103	509	489	6605	7016	7346
Refrigerators and deep freezers combined with separate outer doors, thsd.pcs	504	581	711	731	824	557

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Table 7.19 is continued

	2003	2004	2005	2006	2007	2008
Domestic refrigerators, thsd.pcs	284	269	242	338	310	222
Washing machines, thsd.pcs	251	345	322	208	173	230
Domestic fans, thsd.pcs	666	952	1478	1947	2210	2831
Domestic vacuum cleaners, thsd.pcs	66,4	53,3	37,5	9,2	1,2	... ³
Appliances for cutting foodstuffs, mixers and squeezers, thsd.pcs	67,6	78,3	90,6	54,6	70,8	61,1
Domestic electric irons, thsd.pcs	138	95,1	49,8	... ³	... ³	—
Electric ranges, cooking boilers and domestic mantelpieces for heating up meals, thsd.pcs	299	404	493	458	344	472
Dc motors and dc generators, thsd.pcs	140	119	148	290	327	91,8
Ac motors and ac generators, universal motors, thsd.pcs	873	1155	913	706	670	602
Electric transformers, mln.pcs	8,4	8,0	7,9	13,1	19,5	17,4
High-Tension electrical facilities, thsd.pcs	350	478	682	613	573	310
Low-Tension electrical facilities, mln.pcs	82,9	80,6	69,5	78,5	75,9	67,4
Winding insulated wire, thsd.t	7,9	9,6	10,9	12,0	15,4	17,0
Low-voltage electric wires and cables with 1000 voltage and less, thsd.km	382	421	479	481	591	562
Electric wires and cables with 1000 voltage and more, thsd.km	7,6	12,7	21,2	14,2	19,1	20,1
Electric lamps, mln.pcs	219	263	254	255	240	203
Semiconductor items, mln.pcs	47,2	18,3	28,7	32,1	25,6	24,3
TV sets, thsd.pcs	415	443	651	431	507	558
Instruments for measuring physical or chemical analysis, thsd.pcs	3948	5132	5613	7104	8136	8928
Wattmeters including calibrating, thsd.pcs	638	1066	946	1094	1317	1624
Devices and facilities for automatic regulation and management, thsd.pcs	334	620	1093	1577	1887	1715
Motor cars, thsd.pcs	98,3	174	192	267	380	402
Trucks, thsd.pcs	4,7	10,9	14,0	12,1	11,4	11,8
Buses, pcs	2558	2598	4655	7660	9127	10188
Trolley-buses, pcs	35	80	58	121	241	154
Rail locomotives and tenders for locomotives, pcs	61	124	107	73	90	147
Nonsel-propelled trucks, thsd.pcs	22,7	23,0	21,6	19,9	31,5	30,2
Truck cranes, pcs	126	235	382	506	812	699
Trailers, and semitrailers (exluding housing or for tourism), thsd.pcs	18,4	20,3	21,5	23,6	30,8	32,7
Bicycles, thsd.pcs	281	250	312	392	373	381
Production of furniture						
Special furniture for sitting (mainly with metal frame), thsd.pcs	3100	4266	5180	5614	7096	6563
Furniture for sitting (mainly with wood frame), thsd.pcs	1177	1498	1819	1972	2059	1999
Office furniture, furniture for retail trade enterprises, thsd.pcs	1103	1672	1520	1885	2096	2093
Kitchen furniture, thsd.pcs	251	349	423	489	707	921
Wood furniture for furnishing quarter interior, thsd.pcs	1045	1237	1665	1771	1940	2122

¹ Excluding restaurants and trade

² Including mixtures of butter and vegetable oil

³ See the footnote to Table 7.16

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7.20. Per capita basic foodstuffs production

(kg)

	2003	2004	2005	2006	2007	2008
Fresh (fresh-killed) or cooled beef and veal	3,9	3,0	3,0	3,3	3,4	2,8
Frozen beef and veal	2,0	1,2	1,1	0,9	1,3	0,9
Fresh (fresh-killed) or cooled pork	1,7	1,6	1,7	2,8	3,9	3,4
Frozen pork	0,4	0,3	0,4	0,5	0,5	0,3
Fresh or cooled meat and high quality poultry offal	2,7	4,2	5,8	7,0	9,9	12,4
Frozen meat and high quality poultry offal	0,8	0,8	1,2	1,9	1,9	1,8
Sausages	5,7	7,0	6,6	6,4	7,1	7,2
Ready-to-cook meat products (including poultry) ¹	1,5	4,6	3,0	3,2	3,8	2,0
Fruit and vegetable juices and nectars	8,4	10,0	14,3	15,9	23,2	21,1
Canned natural vegetables	1,9	2,1	3,2	3,4	2,2	3,0
Jams, fruit jélly, fruit and nut purées and pastes	1,5	1,3	2,0	1,7	1,8	2,0
Unpurified sunflower seed oil	26,3	28,3	29,3	44,5	47,9	40,4
Margarine and similar products	5,2	5,9	6,4	6,6	6,8	6,8
Processed skimmed milk	13,5	15,1	18,3	17,5	18,5	17,3
Cream	0,2	0,5	0,5	0,3	0,3	0,4
Butter	2,9 ²	2,4	2,5	2,2	2,2	1,8
Fat spreads and mixtures	...	1,1	1,7	1,5	1,8	1,7
Non-fermented fresh cheese and sour milk curd	1,2	1,5	1,8	2,0	2,0	2,0
Cheese with high fat content	3,6	4,7	5,8	4,6	5,3	5,2
Sour milk products	8,9	9,9	10,6	11,2	11,5	11,5
Bread and bakery products	48,8	48,6	48,1	46,2	43,7	42,8
Granulated sugar	52,0	45,2	45,4	55,4	40,1	34,0
Chocolate and other finished food products with cocoa content in briquettes, plates or bars	4,3	5,1	6,0	6,5	7,1	7,5
Sugar confectionery (including white chocolate) without cocoa content	6,1	6,5	6,1	5,2	5,5	5,4
Macaroni without filling and heat processing	2,3	2,1	2,2	2,3	2,3	2,4
Natural mineral spring waters, L	1,3	1,6	3,1	3,4	6,6	7,6
Natural mineral fizzy waters, L	16,6	16,3	21,3	24,5	28,0	25,9
Soft drinks, L	26,1	29,6	35,9	37,7	42,0	37,3

¹ See the first footnote to Table 7.19

² See the second footnote to Table 7.19

INDUSTRY

7.21. Output of dairy products, by type

(thsd.t)

	2003	2004	2005	2006	2007	2008
Milk and powder cream	88,5	106	113	106	125	94,8
Non-fermented fresh cheese and sour milk curd	57,7	71,3	83,5	93,2	93,2	92,9
including						
products from non-fat sour milk curd	11,5	12,8	19,3	17,8	17,7	18,8
products from fat sour milk curd	46,2	58,4	63,9	75,2	75,5	73,6
Cheese with high fat content	173	224	274	217	246	238
including						
rennet cheese	142	181	224	167	197	197
including						
hard	134	174	216	161	191	191
soft	2,2	1,8	1,8	1,8	2,0	1,8
brine	4,0	3,4	4,0	3,4	2,9	3,5
spread, not grated and not in powder	31,3	42,7	50,2	50,1	48,7	41,0
Milk and cream, thickened with or without sugar, or other sweetened substances	80,6	104	107	99,5	115	117
Ice-cream and edible ice	112	117	125	121	131	125

7.22. Output of sausages, by type

(thsd.t)

	2003	2004	2005	2006	2007	2008
Total	271	332	309	301	330	332
including						
from liver including sausage like spreads and pates	6,4	8,3	9,3	6,7	8,1	7,5
boiled, sausages, frankfurters	179	235	205	191	210	214
semi-smoked sausages	44,0	49,6	52,8	55,5	56,6	59,3
boiled and smoked, half-dry, jerking, summer sausages including salami	17,8	19,0	22,0	27,6	33,0	27,2
smoked and baked sausages	6,1	4,6	4,9	5,5	7,2	8,0

INDUSTRY

7.23. Output of alcoholic beverages and tobacco products

(mln.dal)

	2003	2004	2005	2006	2007	2008
Vodka and other strong alcoholic drinks	26,7 ¹	40,3 ¹	35,1	35,5	37,2	41,3
Liqueurs, sweet brandy, alcoholic bitters, other alcoholic drinks	5,7	7,4	23,1 ¹	23,7 ¹	25,4 ¹	20,4 ¹
Grape wine	15,3	15,4	16,4	17,1	19,5	21,0
Wine "Champagne"	3,3	4,0	4,4	4,5	4,5	4,0
Brandy	1,6	2,0	2,4	2,8	3,6	3,9
Beer	170	194	238	268	316	320
Cigarettes with tobacco content or tobacco mixtures with tobacco substitutes, bln.pcs	96,8	109	120	120	129	130

¹ Including low-alcohol beverages

7.24. Output of confectionery products, by type

(thsd.t)

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

INDUSTRY

7.25. Output of sausages, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008
Ukraine¹	271,0	331,7	308,8	300,8	330,3	332,2
Autonomous Republic of Crimea	2,6	2,7	3,7	5,3	7,7	11,2
oblasts						
Vinnitsya	7,4	5,5	4,9	7,9	8,5	8,8
Volyn	13,4	17,0	13,9	15,1	17,3	21,3
Dnipropetrovsk	30,3	39,6	46,0	52,9	56,3	55,4
Donetsk	59,2	100,9	67,7	31,3	34,7	31,7
Zhytomyr	3,1	4,3	4,2	5,1	5,6	6,5
Zakarpattia	1,2	0,9	0,8	0,8	0,8	0,6
Zaporizhzhya	13,3	11,3	9,4	8,0	7,3	7,3
Ivano-Frankivsk	2,4	3,0	3,2	3,9	4,0	3,4
Kyiv	17,9	22,3	23,7	25,1	28,3	23,8
Kirovohrad	11,2	11,8	14,6	16,4	19,0	20,0
Luhansk	19,6	18,5	19,6	22,1	23,9	22,6
Lviv	3,3	3,5	3,6	3,6	3,9	4,3
Mykolayiv	2,7	2,9	2,6	3,1	3,1	3,5
Odesa	7,0	8,2	8,6	10,4	11,1	10,3
Poltava	16,4	17,6	20,3	21,8	24,2	26,8
Rivne	2,4	2,4	3,0	4,3	5,2	5,9
Sumy	6,1	5,6	5,0	4,2	4,5	4,2
Ternopil	7,0	4,2	1,2	3,1	3,3	2,0
Kharkiv	11,1	11,9	12,9	19,3	24,3	27,3
Kherson	0,7	0,3	0,3	0,2	0,2	0,2
Khmelnyskiy	5,5	5,3	6,0	6,4	7,8	8,2
Cherkasy	6,3	5,5	5,1	5,1	5,2	5,0
Chernivtsi	6,8	5,5	6,5	8,0	8,4	9,4
Chernihiv	3,1	3,2	3,1	3,0	3,0	2,9
cities						
Kyiv	10,6	16,6	16,4	10,6	8,2	6,5
Sevastopol	0,7	1,1	2,5	3,6	4,2	3,1

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

INDUSTRY

7.26. Output of unrefined sunflower-seed oil, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008
Ukraine	1256,9	1342,8	1382,4	2079,8	2228,4	1867,3
of which						
Autonomous Republic of Crimea	2,3	2,9	1,4	2,2	1,2	0,4
oblasts						
Vinnitsya	61,7	45,2	37,7	66,3	77,9	65,4
Volyn	0,0	0,0	0,0	0,0	... ¹	... ¹
Dnipropetrovsk	126,8	100,3	96,5	175,0	190,0	181,6
Donetsk	293,5	296,5	296,6	374,3	406,6	240,4
Zhytomyr	0,3	0,1	0,1	0,1	0,0	0,0
Zakarpattia	0,2	0,0	0,0	0,0	0,0	—
Zaporizhzhya	233,7	266,6	240,0	307,3	290,9	279,4
Ivano-Frankivsk	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Kyiv	0,7	42,1	51,0	71,3	89,6	94,8
Kirovohrad	109,5	116,6	160,2	216,1	226,1	213,9
Luhansk	63,9	67,2	56,2	75,6	96,7	81,7
Lviv	0,3	... ¹	... ²	... ¹	... ¹	... ¹
Mykolayiv	3,6	45,8	29,8	59,7	59,6	25,4
Odesa	99,1	94,5	128,1	192,9	184,9	147,6
Poltava	78,9	87,1	88,4	126,2	123,9	117,8
Rivne	... ¹	0,3	1,1	0,3	0,1	... ¹
Sumy	0,8	0,6	2,1	3,8	5,1	3,0
Ternopil	... ¹	... ¹	... ²	... ¹	... ¹	—
Kharkiv	134,8	127,4	133,6	191,9	244,2	277,7
Kherson	5,6	5,7	33,8	168,3	177,2	111,4
Khmelnyskiy	0,1	0,1	0,1	0,0	0,2	0,1
Cherkasy	4,4	4,5	4,5	4,3	2,8	2,5
Chernivtsi	31,7	35,2	15,7	38,3	41,1	18,5
Chernihiv	4,6	3,9	3,4	3,3	4,4	1,3
city						
Sevastopol	... ¹	—	—	—	... ¹	... ¹

¹ See the footnote to Table 7.16² Here and elsewhere (Tables 7.27–7.30, 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

INDUSTRY

7.27. Output of processed skimmed milk, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008
Ukraine	645,1	716,0	863,0	817,7	858,7	801,2
Autonomous Republic of Crimea	10,3	8,1	8,4	9,4	11,0	12,1
oblasts						
Vinnitsya	179,4	232,3	291,2	253,3	290,7	265,9
Volyn	15,5	23,8	26,6	9,9	14,8	14,9
Dnipropetrovsk	44,0	44,2	47,1	38,5	44,3	47,3
Donetsk	26,8	31,0	37,8	39,1	44,8	47,0
Zhytomyr	6,2	6,3	4,8	5,7	12,9	13,9
Zakarpattia	2,9	2,6	3,3	3,0	2,3	1,5
Zaporizhzhya	10,7	10,8	11,1	13,7	15,7	18,3
Ivano-Frankivsk	4,4	6,2	8,9	8,6	12,9	9,1
Kyiv	62,5	63,5	69,1	62,9	54,9	74,9
Kirovohrad	... ¹	... ¹	... ¹	... ¹	... ²	... ²
Luhansk	24,6	25,2	55,6	47,7	11,6	9,9
Lviv	14,2	19,5	26,3	34,1	31,7	31,2
Mykolayiv	13,7	16,7	15,7	15,1	15,4	14,9
Odesa	29,8	17,5	15,2	18,6	18,6	21,6
Poltava	25,7	27,7	36,8	31,9	31,5	36,3
Rivne	8,1	8,6	6,7	5,7	5,9	... ¹
Sumy	24,6	21,8	32,7	48,7	45,5	28,7
Ternopil	7,1	12,5	16,9	21,6	22,9	17,0
Kharkiv	37,4	40,3	35,1	32,9	48,1	46,8
Kherson	4,3	8,3	11,2	13,2	9,4	7,7
Khmelnyskiy	9,8	10,4	20,8	30,4	45,7	19,9
Cherkasy	15,4	13,7	13,7	16,1	13,1	12,1
Chernivtsi	... ¹	... ¹	... ¹	... ²	... ²	... ²
Chernihiv	12,3	12,2	17,1	11,4	11,7	9,9
cities						
Kyiv	49,4	49,5	47,6	43,8	40,8	33,5
Sevastopol	... ²	... ²	... ²	... ²	... ²	—

¹ See the second footnote to Table 7.26² See the footnote to Table 7.16

INDUSTRY

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

(thsd.t)

	2003	2004	2005	2006	2007	2008
Ukraine	172,9	223,9	273,8	217,4	245,7	238,4
Autonomous Republic of Crimea	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
oblasts						
Vinnitsya	15,5	15,2	17,1	14,0	15,2	16,2
Volyn	6,4	8,7	8,5	5,5	8,2	6,1
Dnipropetrovsk	3,1	4,3	3,3	2,2	2,1	1,9
Donetsk	1,3	1,1	1,6	1,4	1,4	1,4
Zhytomyr	9,8	16,8	23,6	16,7	17,1	7,3
Zakarpattia	... ¹	... ¹	... ²	... ²	... ²	... ²
Zaporizhzhya	11,3	15,2	21,7	16,6	17,9	19,2
Ivano-Frankivsk	3,4	4,0	4,8	3,3	3,9	4,2
Kyiv	1,8	2,7	3,6	1,4	1,2	1,1
Kirovohrad	1,1	6,5	13,5	4,8	7,8	3,1
Luhansk	3,7	4,0	4,1	3,2	2,1	2,5
Lviv	2,6	3,7	3,9	2,9	2,4	1,2
Mykolayiv	7,5	7,8	10,0	8,8	10,4	12,3
Odesa	2,2	2,2	2,7	2,7	3,1	2,9
Poltava	22,0	29,6	38,6	38,0	48,8	51,6
Rivne	5,0	7,3	11,3	6,4	3,8	8,8
Sumy	19,2	20,7	20,6	16,5	19,3	20,4
Ternopil	4,9	4,6	5,4	3,0	3,6	5,2
Kharkiv	7,6	10,9	13,2	10,0	9,8	5,8
Kherson	9,1	11,9	15,6	15,8	16,5	17,9
Khmelnyskiy	9,2	10,5	11,5	11,7	10,4	10,8
Cherkasy	13,8	18,3	19,2	14,0	22,6	22,0
Chernivtsi	1,2	2,4	... ¹	... ¹	... ¹	... ¹
Chernihiv	9,0	11,9	12,9	12,4	13,0	13,3
cities						
Kyiv	1,7	2,9	3,3	2,8	2,1	0,8
Sevastopol	... ²	... ²	—	—	—	—

¹ See the second footnote to Table 7.26² See the footnote to Table 7.16

INDUSTRY

7.29. Output of sour milk products, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008
Ukraine	427,1	467,5	498,8	523,4	533,8	534,2
Autonomous Republic of Crimea	10,4	11,3	11,4	11,8	13,6	12,7
oblasts						
Vinnitsya	13,7	15,3	16,1	14,8	16,1	14,4
Volyn	7,0	8,4	8,8	... ¹	... ¹	... ¹
Dnipropetrovsk	62,0	58,5	60,9	56,9	66,5	70,9
Donetsk	42,1	49,1	53,7	57,3	60,0	59,5
Zhytomyr	3,3	8,9	12,5	13,8	18,8	20,1
Zakarpattia	1,4	1,3	1,3	1,0	0,8	0,4
Zaporizhzhya	6,3	7,0	8,8	8,2	8,5	10,8
Ivano-Frankivsk	2,5	2,9	3,4	3,3	3,8	3,9
Kyiv	22,1	26,3	33,8	41,8	41,6	44,6
Kirovohrad	... ²	... ¹	... ¹	... ¹	... ¹	... ¹
Luhansk	5,0	6,5	5,8	5,9	7,0	9,9
Lviv	11,9	16,9	25,0	36,7	50,3	63,0
Mykolayiv	25,6	26,6	24,4	25,8	27,9	27,8
Odesa	6,1	7,9	8,4	8,4	7,8	6,1
Poltava	33,6	34,6	38,9	37,8	38,3	40,3
Rivne	5,0	5,5	7,1	5,4	4,0	3,7
Sumy	5,1	6,5	8,2	11,2	10,2	10,2
Ternopil	5,7	6,2	7,9	6,8	6,7	7,9
Kharkiv	66,6	75,5	64,2	61,9	51,6	38,4
Kherson	4,8	11,9	16,1	19,6	19,2	19,8
Khmelnyskiy	3,9	4,6	5,1	4,6	3,9	3,8
Cherkasy	17,8	15,3	18,9	26,7	17,0	12,8
Chernivtsi	... ²	... ²	... ²	... ¹	... ¹	... ¹
Chernihiv	5,1	6,5	5,2	6,2	5,9	6,9
cities						
Kyiv	55,1	50,1	50,1	45,9	42,9	33,2
Sevastopol	... ¹	... ¹	... ¹	... ¹	... ¹	—

¹ See the footnote to Table 7.16² See the second footnote to Table 7.26

INDUSTRY

7.30. Output of flour, by region*(thsd.t)*

	2003	2004	2005	2006	2007	2008
Ukraine	2826,5	2948,9	2943,6	2695,7	2907,6	3029,9
Autonomous Republic of Crimea	120,0	124,0	131,7	131,2	153,3	169,5
oblasts						
Vinnitsya	152,3	153,0	157,7	145,4	179,8	191,5
Volyn	74,8	78,1	72,3	58,6	70,6	59,0
Dnipropetrovsk	228,2	240,1	224,6	175,2	195,7	190,3
Donetsk	282,6	300,4	336,1	290,3	282,0	282,8
Zhytomyr	40,7	33,7	25,2	... ¹	... ¹	... ¹
Zakarpattia	30,8	43,0	34,5	33,1	36,2	29,2
Zaporizhzhya	97,8	91,5	133,8	126,0	111,4	88,8
Ivano-Frankivsk	27,3	29,1	36,0	35,5	37,6	36,9
Kyiv	113,7	136,7	165,5	162,2	135,5	123,4
Kirovohrad	64,5	68,5	79,6	72,3	60,5	48,8
Luhansk	135,7	132,4	121,7	107,1	122,0	159,4
Lviv	124,6	125,1	108,8	94,1	84,4	72,4
Mykolayiv	57,2	70,3	84,3	81,0	93,7	83,6
Odesa	152,7	157,1	147,7	122,5	134,7	151,9
Poltava	83,4	90,7	87,7	73,6	84,9	110,1
Rivne	58,5	70,4	54,4	56,9	63,8	70,9
Sumy	113,2	127,8	110,1	89,9	117,5	170,4
Ternopil	86,6	76,6	74,2	80,5	78,7	77,6
Kharkiv	170,1	233,8	222,9	180,2	204,7	217,7
Kherson	104,4	88,1	85,6	84,9	120,5	140,0
Khmelnyskiy	97,6	95,6	87,1	81,7	92,1	105,4
Cherkasy	91,3	89,1	97,4	115,0	137,0	120,4
Chernivtsi	33,0	37,6	34,3	26,2	28,2	31,7
Chernihiv	57,5	59,9	76,9	88,9	74,2	63,8
cities						
Kyiv	223,6	182,0	147,6	... ²	... ²	... ²
Sevastopol	4,5	14,1	5,7	... ¹	... ¹	... ²

¹ See the second footnote to Table 7.26² See the footnote to Table 7.16

INDUSTRY

7.31. Output of bread and flour products, by region*(thsd.t)*

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

INDUSTRY

7.32. Output of granulated sugar, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008
Ukraine	2485,5	2147,1	2139,1	2591,7	1867,0	1571,2
of which						
oblasts						
Vinnitsya	216,0	260,3	277,8	344,8	303,1	283,3
Volyn	223,2	181,2	198,7	113,5	137,1	80,1
Dnipropetrovsk	... ¹	... ¹	... ¹	... ¹	... ¹	—
Zhytomyr	109,5	71,3	71,4	94,3	46,1	... ¹
Ivano-Frankivsk	... ¹	... ¹	... ¹	... ¹	... ¹	—
Kyiv	194,1	181,3	227,1	269,6	164,2	126,1
Kirovohrad	60,2	69,6	64,3	102,7	36,4	... ¹
Lviv	60,0	56,8	... ¹	... ¹	... ¹	... ¹
Mykolayiv	... 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
Rivne	122,8	57,1	63,0	83,8	88,4	... ¹
Sumy	134,7	80,7	59,3	83,5	52,7	—
Ternopil	241,5	203,9	183,1	229,7	176,1	148,5
Kharkiv	123,0	146,6	146,0	200,6	141,7	132,4
Khmelnyskiy	106,7	103,7	129,9	194,7	181,6	102,1
Cherkasy	141,6	164,7	152,0	208,5	98,7	102,6
Chernivtsi	27,0	... ¹	... ¹	... ¹	... ¹	... ¹
Chernihiv	58,2	67,4	84,5	83,7	51,3	... 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
Textiles, sq.m	1,6	2,3	2,4	2,1	2,5	2,4
of which						
cotton	0,7	1,0	1,1	0,9	1,1	1,0
wool	0,1	0,2	0,2	0,2	0,2	0,1
linen	0,01	0,2	0,04	0,04	0,03	0,01
fleecy, terry and other special textiles	0,1	0,1	0,1	0,1	0,04	0,06
those made of chemical fibres	0,6	0,8	0,9	1,0	1,1	1,1
Hosiery products produced by knitting machines or handmade, pairs	0,9	1,1	1,2	1,2	1,3	1,3
Sweaters, jumpers, pull-overs, waistcoats and similar products produced by knitting machines or handmade, pcs	0,1	0,1	0,1	0,1	0,1	0,1
Knitted outerwear, pcs	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
Footwear, pairs	0,4	0,5	0,4	0,5	0,5	0,5

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

	2003	2004	2005	2006	2007	2008
Ukraine	20343	21700	20500	21211	22498	22246
Autonomous Republic of Crimea	61,5	55,4	26,5	21,1	27,6	20,6
oblasts						
Vinnitsya	... ¹	1,7	... ¹	... ¹	2,9	... ¹
Volyn	49,4	42,5	... ¹	62,6	... ¹	... ¹
Dnipropetrovsk	453	433	298	150	160	146
Donetsk	376	652	667	671	690	690
Zhytomyr	4028	3832	4165	4601	4838	5029
Zakarpattia	275	477	185	293	303	55,4
Zaporizhzhya	85,4	42,4	107	210	198	204
Ivano-Frankivsk	3,1	1,1	0,9	... ¹	... ¹	—
Kyiv	203	504	575	937	1408	1369
Kirovohrad	152	207	69,3	109	17,8	16,9
Luhansk	386	354	284	348	105	138
Lviv	1905	1293	1382	817	883	901
Mykolayiv	35,6	61,1	66,7	64,2	41,0	65,6
Odesa	89,4	379	73,7	44,9	1523	2624
Poltava	222	87,6	283	326	161	185
Rivne	0,6	2,0	0,5	... ¹	... ¹	1,0
Sumy	1355	1152	1206	1635	1669	1777
Ternopil	164	427	392	291	18,0	... ¹
Kharkiv	401	432	410	597	573	532
Kherson	... ²	... ¹	... ¹	... ¹	... ¹	—
Khmelnyskiy	2185	3370	3926	3846	4415	3907
Cherkasy	69,7	63,7	97,5	79,3	156	54,4
Chernivtsi	3578	4232	2986	2731	2823	2811
Chernihiv	512	625	707	877	938	913
cities						
Kyiv	3741	2960	2524	2488	1462	717
Sevastopol	—	... ¹	... ¹	... ¹	... ¹	... ¹

¹ See the footnote to Table 7.16² See the second footnote to Table 7.26

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7.35. Output of pipes and hollow shapes from ferrous metals*(thsd.t)*

	2003	2004	2005	2006	2007	2008
Total	2136	2127	2399	2761	2811	2542
including						
pipes, tubes, hollow seamless shapes from cast iron excluding foundry iron and steel	1007	1003	1190	1334	1329	1163
of which						
boring casing, pumping and compressor pipes, sand drill pipes for oil and gas well-boring	255	275	335	358	359	340
hot strained plane steel pipes including pipes for general use and underseal pipes, other	602	541	647	738	737	625
seamless light-wall tubing	20,1	22,6	27,1	27,0	20,1	17,1
cold-drawn pipes or cold rolled pipes of round cut from carbon steel	69,2	67,6	81,7	92,0	75,2	57,7
hollow sections made of ferrous metals	18,8	39,1	26,3	25,1	28,4	25,9
welded or riveted pipes	1129	1125	1209	1428	1482	1379
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
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

8. AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

This section presents information about agriculture, hunting, forestry and fishing, fishery.

Agricultural production is the products of crop and animal production obtained from sown agricultural crops and the use of agricultural livestock. It is also defined as volume of changes of incomplete production in crop output, volume of the produced perennial plants per year, and livestock and poultry growth obtained as a result of its breeding and feeding. Production is estimated at comparable prices and calculated as average weighted prices for marketable and non-marketable part of the agricultural production. Comparable prices are the 2005 average prices.

Agricultural enterprise is an entity that has the right of legal person and performs the economic activity in agriculture for the purpose of obtaining income (profit). The agricultural enterprises comprise farms. 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 persons 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 production agricultural products, and are engaged in processing and sale to earn profit from land plots given to them.

Agricultural holdings of the population 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 obtain agricultural products. It 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 of agricultural crops reported by agricultural enterprises includes initial and secondary harvesting as well as sowings between the rows. As to the 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 shown in weight after processing, sugar beets (for processing) are shown without land, beet tops and medley, vegetables with account of 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.

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

Livestock population as of 1 January is defined on the basis of annual complete reporting and includes livestock of all 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.

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.

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

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 own products sold by agricultural enterprises (excluding small enterprises) through all channels: by reproducers, on the markets, population as labour remuneration, plot-holders as the payments for the land and land shares, 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.

Forest land refers to forested or non-forested lands which are given and used for forestry.

The 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.

Logging is a clear-cutting of the ripe trees on the special parcel of forest in order to obtain the wood, fell some planting for the purpose of cultivation and protection of the forest, procurement of the wood when cleaning forest from the blocking.

The merchantable wood is the wood that can be used for the economic purpose.

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

The main felling is felling of the ripe trees to production the timber.

The test felling is a periodical felling of a part of the planted trees and bushes which are made since the beginning of the planting but before the main felling to make the necessary storage, and improve planting.

Forest reproduction – planting, sowing and reforestation in the felling area, in the areas suffered from fires, meadows, vacant grounds and other areas used to be under forest.

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

AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

8.1. Agriculture, hunting, forestry and fishing, fishery in the economy

(percent)

	2001	2002	2003	2004	2005	2006	2007	2008
Share of agriculture, hunting, forestry in the total amount of gross value added	16,3	14,6	12,1	11,9	10,4	8,6	7,5	7,8 ¹
Share of fishing, fishery in the total amount of gross value added	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,0
Share of agricultural, hunting, forestry produce in the total output (at basic prices)	14,4	13,2	10,9	10,6	9,5	8,3	7,2	7,4 ¹
Share of fishing, fishery products in the total output (at basic prices)	0,1	0,1	0,1	0,1	0,1	0,1	0,0	0,0
Share of fixed assets of agriculture, hunting and forestry in the total value of fixed assets	10,2	8,9	7,6	6,6	6,0	4,8	3,9	3,1
Share of fixed assets of fishing, fishery in the total value of fixed assets	0,2	0,2	0,1	0,1	0,1	0,1	0,1	0,0
Share of employees engaged in agriculture, hunting, forestry in their total number	17,1	15,3	13,1	11,3	10,0	8,8	7,6	6,9
Share of employees engaged in fishing, fishery in their total number	0,2	0,2	0,2	0,2	0,1	0,1	0,1	0,1

¹ Preliminary data

8.2. Operating enterprises in 2008, by organizational and legal form of business

(as of July 1)

	Agriculture		Forestry		Fishing, fishery	
	total	percent of the total number	total	percent of the total number	total	percent of the total number
Total enterprises	59059	100,0	749	100,0	508	100,0
Business partnerships	7879	13,3	112	15,0	281	55,3
Private enterprises	4326	7,3	87	11,6	128	25,2
Producers' cooperatives	1101	1,9	11	1,4	12	2,4
Farms	43894	74,3	—	—	—	—
Public enterprises	354	0,6	330	44,1	14	2,8
Enterprises of other forms of business	1505	2,6	209	27,9	73	14,3

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8.3. Agricultural production

(at comparable prices of 2005; mln. UAH)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2009
Agricultural production	145875	94795	77889	85796	86784	77271	92531	92586	94895	88769	103978
Output of farming	66560	49371	43573	49075	48113	41105	55638	53976	54909	49718	64899
Grain crops	21303	13357	10096	17242	16672	8266	18012	16158	14746	12297	22397
Industrial crops	11992	8033	5632	5473	6018	6153	6613	7873	10152	8532	12226
Potatoes, vegetables and cucurbitaceous crops	16607	16676	20811	20438	19684	20071	23911	23062	24172	22249	23809
Fruit, berries and grapes	6238	3835	3566	2912	3103	3855	4087	4220	2905	3546	3754
Feed crops	9097	5150	2535	2736	2435	2173	2354	2208	2055	1853	1988
Other products and change in work-in-progress	1323	2320	933	274	201	587	661	455	879	1241	725
Output of livestock breeding	79315	45424	34316	36721	38671	36166	36893	38610	39986	39051	39079
Cattle and poultry	46613	22567	16881	18053	18946	16916	17073	18288	19876	20197	20460
Milk	25023	18029	13325	14172	14901	14396	14617	14552	14089	13011	12470
Eggs	4812	2834	2670	2933	3429	3477	3665	3983	4345	4293	4566
Wool	165	78	16	16	16	16	15	15	15	16	17
Other products	2702	1916	1424	1547	1379	1361	1523	1772	1661	1534	1566

8.4. Agricultural production, by category of enterprises

(at comparable prices of 2005; mln. UAH)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Agricultural enterprises											
Agricultural production	101299	48626	26478	31881	31325	23438	32914	33803	37008	35440	47865
Output of farming	49914	27268	17820	22276	20645	13937	22644	21732	23200	20658	32136
Output of livestock breeding	51385	21358	8658	9605	10680	9501	10270	12071	13808	14782	15729
of which farms											
Agricultural production	...	583	1308	2342	2663	1804	3151	3425	4097	3477	5921
Output of farming	...	453	1156	2160	2446	1592	2924	3102	3660	2885	5263
Output of livestock breeding	...	130	152	182	217	212	227	323	437	592	658
Agricultural holdings of the population											
Agricultural production	44576	46169	51411	53915	55459	53833	59617	58783	57887	53329	56113
Output of farming	16646	22103	25753	26799	27468	27168	32994	32244	31709	29060	32763
Output of livestock breeding	27930	24066	25658	27116	27991	26665	26623	26539	26178	24269	23350

8.5. Agricultural production, by region

(at comparable prices of 2005; mln. UAH)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	145875	94795	77889	85796	86784	77271	92531	92586	94895	88769	103978
Autonomous Republic of Crimea	6573	3489	2848	2810	2659	2577	2907	3066	3155	3577	4236
oblasts											
Vinnitsya	8728	5872	4668	4875	4922	4302	5028	5152	5448	5048	6368
Volyn	4575	2731	2500	2632	2655	2630	2870	2872	2826	2903	2951
Dnipropetrovsk	7661	5277	4197	5017	5019	4337	5286	5652	5937	5118	6691
Donetsk	7375	4833	4160	5036	5046	3859	5153	5268	4987	4525	5155
Zhytomyr	5798	3987	2988	2810	2914	2901	3245	3171	3216	2983	3206
Zakarpattia	2363	1881	1834	2011	2068	2138	2124	2103	2096	2077	2143
Zaporizhzhya	6114	3643	2897	3544	3305	2475	3403	3598	3805	3005	4011
Ivano-Frankivsk	3113	2524	2275	2327	2422	2366	2419	2404	2462	2530	2358
Kyiv	8172	5840	4382	4642	5023	4831	5465	5843	6376	6418	6763
Kirovohrad	5504	3487	2658	3565	3615	2986	3756	3731	3781	2728	4147
Luhansk	4829	2796	1984	2077	2217	2110	2453	2958	2811	2605	3091
Lviv	5912	3944	3958	3738	4197	4071	4126	4058	4265	4293	4300
Mykolayiv	4927	2867	2019	2936	2834	2064	3176	2811	3076	1903	3400
Odesa	6773	3965	3921	4640	4575	3788	5395	4472	4668	2902	4662
Poltava	7545	4992	3265	3907	4135	3520	4582	4792	4964	5069	5730
Rivne	4270	2840	2412	2497	2696	2515	2813	2633	2757	2836	2900
Sumy	5840	3670	2954	3021	2996	2824	3085	2966	2869	2960	3182
Ternopil	4845	3219	2667	2473	2624	2454	2704	2672	2893	2997	3054
Kharkiv	7763	5057	4310	5268	5208	4332	5145	5539	5042	5204	5612
Kherson	5307	2954	2830	3297	2990	2328	3280	3287	3479	2800	3992
Khmelnyskiy	6397	4484	3672	3756	3758	3296	3993	3494	3613	3909	4033
Cherkasy	6492	4319	3735	3892	3885	3650	4447	4731	4995	4765	6211
Chernivtsi	2642	1888	1662	1834	1798	1640	1840	1863	1882	1984	2001
Chernihiv	6359	4237	3096	3191	3223	3277	3837	3452	3492	3630	3781

8.6. Share of the population holdings in agricultural production

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Agricultural production	30,6	48,7	66,0	62,8	63,9	69,7	64,4	63,5	61,0	60,1	54,0
Output of farming	25,0	44,8	59,1	54,6	57,1	66,1	59,3	59,7	57,7	58,5	50,5
Grain crops	2,8	8,1	18,4	20,3	24,0	27,9	24,2	24,3	25,0	22,0	21,0
Sugar beet (for processing)	0,0	2,6	12,2	20,3	26,2	22,6	23,1	21,5	15,1	13,0	12,2
Sunflower	2,4	4,4	12,5	18,1	16,6	15,9	21,1	21,2	21,9	19,2	19,0
Potatoes	71,4	95,8	98,6	98,4	98,6	98,6	98,7	98,8	98,6	98,0	97,8
Vegetables	26,9	72,7	83,1	86,9	87,9	87,3	89,0	89,3	87,9	89,6	86,1
Fruits and berries	53,6	83,6	81,8	85,7	85,5	76,0	88,6	88,2	87,8	86,5	84,6
Grapes	20,5	26,5	30,0	33,0	37,9	35,8	43,3	41,8	48,5	34,7	32,0
Output of livestock breeding	35,2	53,0	74,8	73,8	72,4	73,7	72,2	68,7	65,5	62,1	59,7
Meat (slaughter weight)	28,9	51,7	73,7	76,8	72,9	69,3	67,9	63,2	57,3	51,9	48,6
Milk	24,1	45,1	70,9	73,1	75,9	80,3	81,8	81,0	81,2	82,1	82,2
Eggs	37,8	55,6	66,2	61,9	55,9	56,1	53,7	50,5	46,4	45,9	43,4
Wool	11,1	30,2	61,8	63,6	70,6	72,7	75,0	78,1	78,8	79,4	78,4

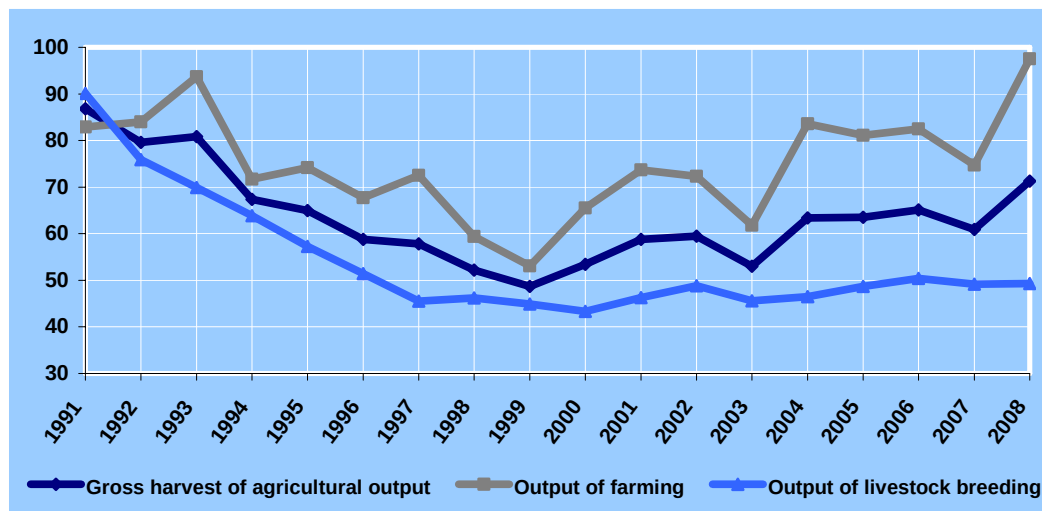
8.7. Per capita output of agricultural products

(kg)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Agricultural production, UAH	2811	1840	1584	1763	1800	1616	1950	1966	2028	1909	2248
Output of farming, UAH	1283	958	886	1008	998	860	1173	1146	1173	1069	1403
Grain crops	983	659	497	816	805	423	881	807	732	630	1152
Sugar beet	853	576	268	320	300	280	350	328	479	365	290
Sunflower	50	56	70	46	68	89	64	100	114	90	141
Potatoes	322	286	403	356	345	386	437	413	416	411	423
Vegetables	128	114	118	121	121	137	147	155	172	147	172
Fruits and berries	56	37	30	23	25	35	35	36	24	32	33
Grapes	16	9	10	7	7	11	8	9	6	8	9
Output of livestock breeding, UAH	1528	882	698	755	802	756	777	820	855	840	845
Meat (slaughter weight)	84,0	44,5	33,8	31,2	34,2	36,1	33,7	33,9	36,8	41,1	41,2
Milk	472,3	335,3	257,4	276,3	293,4	285,7	288,9	291,1	284,0	263,6	254,3
Eggs, pcs	314	183	179	199	235	240	252	277	304	302	323

8.8. Agricultural production indices

(percent of 1990)



8.9. Agricultural production indices, by category of enterprises

(percent)

	Enterprises of all categories			Including					
	gross output	of which		agricultural enterprises			agricultural holdings of the population		
		output of farming	output of livestock breeding	gross output	of which		gross output	of which	
					output of farming	output of livestock breeding		output of farming	output of livestock breeding
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
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

8.10. Agricultural production indices, by region

(percent)

	1990 = 100								To the previous year							
	1995	2000	2003	2004	2005	2006	2007	2008	1995	2000	2003	2004	2005	2006	2007	2008
Ukraine	65,0	53,4	53,0	63,4	63,5	65,1	60,9	71,3	96,4	109,8	89,0	119,7	100,1	102,5	93,5	117,1
Autonomous Republic of Crimea	53,1	43,3	39,2	44,2	46,6	48,0	54,4	64,5	101,0	113,2	96,9	112,8	105,4	102,9	113,4	118,4
oblasts																
Vinnitsya	67,3	53,5	49,3	57,6	59,0	62,4	57,8	73,0	92,3	112,3	87,4	116,9	102,5	105,7	92,7	126,2
Volyn	59,7	54,6	57,5	62,7	62,8	61,8	63,5	64,5	101,2	105,8	99,1	109,1	100,1	98,4	102,7	101,7
Dnipro-petrovsk	68,9	54,8	56,6	69,0	73,8	77,5	66,8	87,3	96,3	114,5	86,4	121,9	106,9	105,1	86,2	130,7
Donetsk	65,5	56,4	52,3	69,9	71,4	67,6	61,4	69,9	106,6	120,0	76,5	133,5	102,2	94,7	90,7	113,9
Zhytomyr	68,8	51,5	50,0	56,0	54,7	55,5	51,5	55,3	96,5	105,6	99,6	111,9	97,7	101,4	92,8	107,4
Zakarpattia	79,6	77,6	90,5	89,9	89,0	88,7	87,9	90,7	104,5	108,1	103,4	99,3	99,0	99,7	99,1	103,2
Zapo-rizhzhya	59,6	47,4	40,5	55,7	58,8	62,2	49,1	65,6	99,9	100,8	74,9	137,5	105,7	105,8	79,0	133,5
Ivano-Frankivsk	81,1	73,1	76,0	77,7	77,2	79,1	81,3	75,7	102,5	109,9	97,7	102,2	99,4	102,4	102,7	93,2
Kyiv	71,5	53,6	59,1	66,9	71,5	78,0	78,5	82,8	93,7	112,6	96,2	113,1	106,9	109,1	100,7	105,4
Kirovohrad	63,4	48,3	54,3	68,2	67,8	68,7	49,6	75,3	97,7	111,0	82,6	125,8	99,4	101,3	72,2	152,0
Luhansk	57,9	41,1	43,7	50,8	61,3	58,2	53,9	64,0	100,0	91,8	95,2	116,3	120,6	95,0	92,7	118,7
Lviv	66,7	66,9	68,9	69,8	68,6	72,1	72,6	72,7	92,3	108,1	97,0	101,4	98,3	105,1	100,7	100,2
Mykolayiv	58,2	41,0	41,9	64,5	57,1	62,4	38,6	69,0	102,0	91,7	72,8	153,9	88,5	109,4	61,9	178,6
Odesa	58,5	57,9	55,9	79,7	66,0	68,9	42,8	68,8	100,2	98,7	82,8	142,4	82,9	104,4	62,2	160,6
Poltava	66,2	43,3	46,7	60,7	63,5	65,8	67,2	75,9	97,6	104,6	85,1	130,2	104,6	103,6	102,1	113,0
Rivne	66,5	56,5	58,9	65,9	61,6	64,6	66,4	67,9	96,1	106,3	93,3	111,8	93,6	104,7	102,8	102,3
Sumy	62,8	50,6	48,4	52,8	50,8	49,1	50,7	54,5	90,3	124,0	94,3	109,3	96,1	96,7	103,2	107,5
Ternopil	66,5	55,0	50,6	55,8	55,1	59,7	61,9	63,0	91,8	116,0	93,5	110,2	98,8	108,3	103,6	101,9
Kharkiv	65,1	55,5	55,8	66,3	71,3	64,9	67,0	72,3	98,4	116,2	83,2	118,8	107,7	91,0	103,2	107,9
Kherson	55,7	53,3	43,9	61,8	61,9	65,6	52,8	75,2	91,3	100,0	77,9	140,9	100,2	105,9	80,5	142,6
Khmel-nytskyi	70,1	57,4	51,5	62,4	54,6	56,5	61,1	63,0	93,1	114,1	87,7	121,1	87,5	103,4	108,2	103,2
Cherkasy	66,5	57,5	56,2	68,5	72,9	76,9	73,4	95,7	93,2	122,3	94,0	121,8	106,4	105,6	95,4	130,3
Chernivtsi	71,5	62,9	62,1	69,7	70,5	71,2	75,1	75,8	96,2	111,4	91,2	112,2	101,3	101,0	105,4	100,9
Chernihiv	66,6	48,7	51,5	60,3	54,3	54,9	57,1	59,5	89,4	114,9	101,7	117,1	90,0	101,1	104,0	104,2

8.11. Operating agricultural enterprises in 2008, by organizational and legal form of business, by region

(as of July 1)

	Total	Including					
		business partnerships	private enterprises	producer cooperatives	farms	public enterprises	enterprises of other forms of business
Ukraine	59059	7879	4326	1101	43894	354	1505
Autonomous Republic of Crimea	2449	284	152	91	1859	31	32
oblasts							
Vinnitsya	2308	378	192	64	1592	8	74
Volyn	1340	150	93	157	887	9	44
Dnipropetrovsk	4148	445	165	12	3474	18	34
Donetsk	2218	308	82	12	1685	5	126
Zhytomyr	1428	291	232	39	804	8	54
Zakarpattia	1670	107	18	8	1514	16	7
Zaporizhzhya	3067	389	205	47	2338	15	73
Ivano-Frankivsk	785	94	83	28	549	3	28
Kyiv	2336	451	153	51	1564	46	71
Kirovohrad	3239	329	232	26	2590	12	50
Luhansk	2445	312	191	17	1838	9	78
Lviv	1899	329	225	15	1273	13	44
Mykolayiv	5326	348	295	22	4589	16	56
Odesa	6894	465	292	145	5911	13	68
Poltava	2402	383	216	35	1626	21	121
Rivne	942	92	131	97	590	7	25
Sumy	1232	298	135	21	736	15	27
Ternopil	1246	191	249	10	733	4	59
Kharkiv	1994	404	246	28	1244	28	44
Kherson	3075	235	163	19	2579	14	65
Khmelnyskiy	2063	329	153	66	1399	14	102
Cherkasy	1902	454	148	16	1166	7	111
Chernivtsi	1122	117	80	26	870	6	23
Chernihiv	1089	344	148	46	477	10	64
city							
Kyiv	440	352	47	3	7	6	25

8.12. Distribution of operating agricultural enterprises in 2008, 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	50648	85,7	21228,8	100,0
including with the area, ha				
under 5,0	5965	10,1	19,0	0,1
5,1–10,0	4213	7,1	33,5	0,2
10,1–20,0	5170	8,8	79,9	0,4
20,1–50,0	14118	23,9	536,1	2,5
50,1–100,0	4892	8,3	348,6	1,6
100,1–500,0	7572	12,8	1832,1	8,6
500,1–1000,0	2846	4,8	2049,7	9,7
1000,1–2000,0	2863	4,8	4090,4	19,3
2000,1–3000,0	1362	2,3	3338,0	15,7
3000,1–4000,0	721	1,2	2481,0	11,7
4000,1–5000,0	372	0,6	1659,7	7,8
5000,1–7000,0	313	0,5	1822,7	8,6
7000,1–10000,0	148	0,3	1216,4	5,7
over 10000,0	93	0,2	1721,7	8,1
Enterprises that did not have agricultural lands	8411	14,3	×	×

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

¹ Average number

8.14. Costs structure for agricultural output in agricultural enterprises

(percent)

	2006			2007			2008		
	total	farming	livestock breeding	total	farming	livestock breeding	total	farming	livestock breeding
Total costs	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Labour remuneration	13,7	12,8	15,2	12,1	11,6	13,1	10,7	10,2	11,8
Social contributions	1,6	1,5	1,7	2,1	2,0	2,2	2,6	2,5	2,8
Material expenses	<u>68,7</u> 100,0	<u>64,8</u> 100,0	<u>75,4</u> 100,0	<u>69,5</u> 100,0	<u>65,0</u> 100,0	<u>77,1</u> 100,0	<u>70,4</u> 100,0	<u>67,9</u> 100,0	<u>75,9</u> 100,0
including on									
seeds and planting stock	11,0	18,5	×	11,8	19,6	×	12,0	18,2	×
fodder	28,9	×	71,4	29,6	×	73,6	24,6	×	71,8
other agricultural produce	3,2	1,8	5,1	2,8	1,5	4,8	2,8	0,9	6,7
fertilisers	12,5	20,9	×	13,6	22,8	×	17,1	26,0	×
refined products	18,4	26,5	6,4	15,4	22,7	4,6	16,2	22,2	4,7
electricity	2,8	1,8	4,3	2,6	1,8	3,8	2,4	1,5	4,0
fuels	1,5	1,5	1,7	1,7	1,5	1,9	1,5	1,4	1,7
spare parts, repair and construction materials	8,2	10,9	4,3	7,9	10,2	4,5	6,9	8,6	3,6
payments of contracted operations and services	13,5	18,1	6,8	14,6	19,9	6,8	16,5	21,2	7,5
Depreciation of fixed assets	5,2	5,9	4,1	5,2	6,1	3,8	5,1	5,6	3,9
Other costs	<u>10,8</u> 100,0	<u>15,0</u> 100,0	<u>3,6</u> 100,0	<u>11,1</u> 100,0	<u>15,3</u> 100,0	<u>3,8</u> 100,0	<u>11,2</u> 100,0	<u>13,8</u> 100,0	<u>5,6</u> 100,0
of which rent payments for									
land shares (stocks)	57,1	65,1	×	51,9	59,2	×	51,0	60,7	×
property shares	2,2	1,9	4,4	1,7	1,5	3,0	1,0	1,0	1,1

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

(percent)

	2007			2008		
	total	of which		total	of which	
		output of farming	output of livestock breeding		output of farming	output of livestock breeding
Ukraine	15,6	32,7	-13,4	13,4	19,6	0,1
Autonomous Republic of Crimea	9,8	22,1	-20,7	11,7	20,7	-12,3
oblasts						
Vinnitsya	7,8	19,9	-21,2	11,8	15,9	-2,4
Volyn	-0,9	11,7	-6,4	1,7	11,9	-3,1
Dnipropetrovsk	22,0	38,7	-12,7	19,0	25,9	3,0
Donetsk	-0,6	22,6	-20,2	3,6	14,0	-4,3
Zhytomyr	1,9	21,0	-16,5	-1,7	6,6	-12,2
Zakarpattia	1,2	16,2	-19,9	-4,5	0,2	-9,4
Zaporizhzhya	17,9	33,7	-16,5	17,5	21,7	6,0
Ivano-Frankivsk	5,6	11,1	4,3	11,8	1,7	16,1
Kyiv	11,8	31,0	-6,6	9,6	10,6	8,5
Kirovohrad	28,0	38,6	-22,0	24,2	29,4	-8,7
Luhansk	31,9	68,0	-19,1	7,0	9,7	1,4
Lviv	34,0	67,7	-14,1	24,0	40,2	-8,4
Mykolayiv	8,8	19,5	-27,7	27,3	32,3	4,3
Odesa	2,6	14,6	-30,2	20,5	26,1	-9,0
Poltava	28,7	46,9	-4,3	11,3	17,9	-4,6
Rivne	11,5	28,5	-10,8	16,2	26,4	-4,4
Sumy	9,2	28,5	-19,7	-2,4	1,7	-10,3
Ternopil	21,5	31,1	-13,3	23,8	27,8	3,3
Kharkiv	22,7	43,6	-18,7	9,0	10,7	3,9
Kherson	11,2	16,7	-11,7	15,5	17,6	5,3
Khmelnyskiy	13,7	31,1	-13,3	17,6	24,3	2,1
Cherkasy	16,6	28,0	-3,1	15,7	18,5	9,6
Chernivtsi	5,8	29,0	-4,4	18,5	23,1	15,7
Chernihiv	19,3	46,2	-14,7	9,9	20,5	-6,6
city						
Kyiv	41,9	47,1	6,8	18,0	28,1	-26,2

8.16. Profitability of basic agricultural products in agricultural enterprises

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Grain	275,1	85,6	64,8	43,3	19,3	45,8	20,1	3,1	7,4	28,7	16,4
Oil crops	236,5	170,9	52,2	68,7	77,9	64,3	45,2	24,3	20,7	75,9	18,4
Sugar beets (for processing)	29,5	31,2	6,1	1,5	-8,6	6,2	-0,8	4,8	11,1	-11,1	7,1
Vegetables grown in the open ground	27,6	12,8	-1,7	-0,8	8,9	30,9	-5,0	16,1	14,8	14,1	11,1
Potatoes	27,2	34,3	14,0	11,4	24,2	33,5	-0,7	17,8	56,2	24,7	7,9
Fruit	83,8	20,3	-1,1	-1,7	6,4	19,9	8,4	12,7	33,5	8,5	13,9
Grapes	71,7	74,0	62,7	4,0	17,7	44,5	8,7	31,7	39,6	33,2	58,8
Milk and dairy products ¹	32,2	-23,2	-6,0	-0,8	-13,8	9,9	-0,4	12,2	-3,7	13,8	4,1
Cattle for meat	20,6	-19,8	-42,3	-21,4	-40,5	-44,3	-33,8	-25,0	-38,4	-41,0	-24,1
Pigs for meat	20,7	-16,7	-44,3	-7,2	-16,9	-33,0	-14,4	14,9	-9,2	-27,6	0,3
Sheep and goats for meat	2,3	-31,9	-46,4	-24,9	-26,7	-37,8	-44,3	-32,1	-34,3	-46,4	-38,6
Poultry for meat	17,0	-18,4	-33,2	-1,7	-1,1	11,0	3,8	24,9	12,1	-19,0	-11,3
Eggs	27,3	36,5	10,6	25,1	14,6	18,5	15,2	23,5	-6,8	9,1	13,0
Wool	-2,4	-61,3	-75,8	-69,6	-78,9	-75,4	-74,7	-72,8	-78,1	-80,6	-74,7

¹ Since 2001, whole milk

8.17. Sale of agricultural products by agricultural enterprises

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Grain crops	18499	13109	10726	16967	18979	8999	16698	19458	17814	13965	24763
Wheat	...	7415	5364	10490	11850	2187	7746	10045	8460	7456	13194
Rye	...	426	437	781	906	329	761	479	372	222	377
Corn	...	433	1046	809	1120	2512	2562	4030	3001	3049	4964
Barley	...	2468	2910	3845	3983	2999	4562	3857	4969	2576	5505
Oats	...	121	291	335	341	345	294	277	238	175	170
Millet	...	67	174	121	85	133	141	118	80	49	67
Buckwheat	...	64	157	136	143	135	142	135	113	106	119
Rice	...	32	49	46	53	58	55	54	62	75	54
Legumes	...	178	155	226	303	180	294	332	392	168	183
Oil crops	2200	1424	2284	1517	1850	2562	2045	2612	4086	4434	5542
Sugar beets (including goods for processing)	43283	27942	10971	11353	9730	9568	11446	10956	16431	13083	10543
Potatoes	1641	185	85	99	75	90	89	117	117	175	257
Vegetables	4224	1074	536	434	385	393	358	398	413	431	551
Fruit and berries	1149	261	209	135	158	305	185	169	124	170	191
Grapes	604	222	299	148	126	182	130	148	105	133	182
Cattle and poultry (live weight)	4422	1896	969	666	797	935	860	902	1087	1312	1342
Milk and dairy products	18023	6766	2684	2802	2556	1994	2036	2121	2017	1825	1834
Eggs, mln.pcs	8688	3642	2644	3287	4479	4610	4888	5700	6674	6747	7729
Wool, t	27107	7804	1388	1061	944	1003	635	547	528	622	659

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

(thsd.t)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Agricultural production, mln. UAH	747,6	1026,4	991,9	773,7	1071,4	1021,4	1002,8	1120,1	1516,8
Output of farming, mln. UAH	731,2	995,5	945,1	711,3	1026,5	984,2	963,9	1086,8	1488,8
Grain crops	1516,8	2167,5	2376,8	1178,1	2090,8	2032,6	1817,2	1526,6	2286,1
Oil crops	104,0	52,3	60,7	85,8	48,4	52,7	52,8	38,5	52,7
Sugar beets	1,7	0,6	3,3	1,1	1,0	1,4	0,6	0,2	0,1
Potatoes	1,3	1,0	0,9	1,3	0,9	0,4	0,3	0,6	1,1
Vegetables	15,4	11,8	8,9	8,8	5,5	3,5	3,4	2,2	2,1
Fruit and berries	1,4	0,7	0,4	3,6	0,8	0,7	0,4	0,5	0,3
Output of livestock breeding, mln. UAH	16,4	30,9	46,8	62,4	44,9	37,2	38,9	33,3	28,0
Cattle and poultry	4,9	5,2	7,7	12,7	6,4	3,5	3,6	3,7	1,9
Milk and dairy products	5,0	5,9	6,2	4,6	3,4	2,4	1,7	1,0	0,6
Eggs, mln.pcs	1,3	4,4	4,5	3,8	3,4	2,4	2,5	1,2	0,8
Percentage of the total sale									
Agricultural production	5,8	6,6	6,5	5,0	5,2	4,1	3,4	2,9	2,8
Output of farming	8,5	9,7	9,5	7,2	7,8	6,8	5,2	4,4	4,2
Grain crops	14,1	12,8	12,5	13,1	12,5	10,5	10,2	10,9	9,2
Oil crops	4,6	3,5	3,3	3,3	2,4	2,0	1,3	0,9	1,0
Sugar beets	0,0	0,0	0,1	0,0	0,0	0,0	0,0	0,0	0,0
Potatoes	1,6	1,0	1,2	1,5	1,0	0,4	0,3	0,3	0,4
Vegetables	2,9	2,7	2,3	2,3	1,5	0,9	0,8	0,5	0,4
Fruit and berries	0,7	0,5	0,3	1,2	0,4	0,4	0,3	0,3	0,1
Output of livestock breeding	0,4	0,6	0,9	1,1	0,6	0,4	0,4	0,3	0,0
Cattle and poultry	0,5	0,8	1,0	1,4	0,7	0,4	0,3	0,3	0,1
Milk and dairy products	0,2	0,2	0,2	0,2	0,2	0,1	0,1	0,1	0,0
Eggs	0,0	0,1	0,1	0,1	0,1	0,0	0,0	0,0	0,0

8.19. Structure of agricultural production sold by agricultural enterprises

(percent of the total sale)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
To processing enterprises											
Grain crops	80,4	37,5	4,0	2,2	2,4	3,9	6,4	5,2	4,6	5,1	4,4
Oil crops	98,9	5,1	2,4	1,2	1,5	2,5	3,4	4,0	4,0	3,9	4,5
Sugar beets	100,0	99,6	93,0	88,9	71,2	82,5	84,3	90,4	91,0	92,4	93,4
Potatoes	85,1	15,2	16,9	13,9	2,4	3,2	8,2	11,3	11,0	12,5	10,9
Vegetables	89,4	39,6	13,3	9,5	4,3	5,9	6,7	13,5	15,6	8,8	22,6
Fruit and berries	86,8	40,4	16,1	10,8	10,5	12,9	10,5	13,4	15,3	26,7	30,6
Grapes	96,4	64,8	68,4	50,4	33,4	28,4	30,4	34,8	35,1	30,5	36,1
Cattle and poultry	94,8	46,1	21,6	31,3	28,0	29,1	29,2	30,9	35,2	34,6	30,5
Milk and dairy products	99,1	87,2	66,3	71,8	73,9	78,7	82,1	85,0	88,3	90,4	92,7
Eggs	98,1	56,8	20,0	10,4	0,7	0,4	0,3	0,4	0,3	0,2	0,1
Wool	100,0	60,3	28,7	52,7	32,0	20,7	6,7	35,6	43,5	52,3	63,5
On the market											
Grain crops	3,2	19,2	34,8	17,7	16,1	13,6	11,4	10,0	9,9	8,7	7,9
Oil crops	0,3	27,7	46,4	23,9	20,6	16,9	14,1	11,3	9,1	7,6	6,9
Sugar beets	—	0,2	4,0	0,6	0,9	0,5	0,1	0,1	0,1	0,0	0,0
Potatoes	9,4	42,7	44,8	26,4	28,3	21,1	18,4	17,2	18,4	12,9	15,3
Vegetables	8,0	41,2	47,0	44,1	39,4	35,7	35,5	31,8	27,3	29,8	18,5
Fruits and berries	9,8	40,6	49,8	40,2	39,3	34,5	39,5	33,0	33,8	28,6	28,1
Grapes	3,0	21,9	16,1	24,6	25,4	15,7	16,8	15,4	18,0	9,4	6,9
Cattle and poultry	1,8	26,2	38,4	27,1	22,2	19,6	18,2	19,1	9,1	7,8	7,9
Milk and dairy products	0,1	8,9	21,2	9,4	8,0	6,1	4,7	3,8	3,0	2,1	1,5
Eggs	1,3	34,2	66,2	51,9	42,6	35,6	32,1	29,2	27,0	24,5	23,9
Wool	—	33,5	51,1	22,0	30,2	37,0	27,0	13,2	8,4	8,4	7,3
To the population											
Grain crops	13,2	30,3	20,6	16,1	11,4	10,1	6,9	4,7	3,7	2,7	1,5
Oil crops	0,8	11,9	10,1	7,2	4,8	3,0	2,2	1,4	0,7	0,4	0,3
Sugar beets	—	0,1	0,5	0,5	0,9	0,3	0,2	0,1	0,1	0,0	0,0
Potatoes	5,2	32,2	20,4	15,9	14,7	10,5	7,6	4,0	2,7	2,0	1,9
Vegetables	2,6	15,1	21,1	19,2	11,1	8,4	4,9	3,5	2,2	1,5	0,9
Fruit and berries	3,4	14,6	22,7	20,9	18,0	15,3	10,1	6,0	4,7	3,7	2,2
Grapes	0,6	11,5	5,8	7,3	6,2	3,8	2,8	1,4	0,6	0,5	0,2
Cattle and poultry	3,3	16,4	31,9	21,8	15,4	11,7	7,0	4,5	3,0	2,2	1,6
Milk and dairy products	0,8	3,1	7,5	5,1	4,2	3,4	2,2	1,5	1,2	0,7	0,5
Eggs	0,4	4,8	5,9	7,3	5,1	3,3	2,1	1,9	1,2	0,7	0,7
Wool	—	—	13,5	9,6	6,8	1,8	3,5	2,5	0,3	0,3	0,2
Through other channels											
Grain crops	3,2	13,0	40,6	64,0	70,1	72,4	75,3	80,1	81,8	83,5	86,2
Oil crops	0,0	55,3	41,1	67,7	73,1	77,6	80,3	83,3	86,2	88,1	88,3
Sugar beets	—	0,1	2,5	10,0	27,0	16,7	15,4	9,4	8,8	7,6	6,6
Potatoes	0,3	9,9	17,9	43,8	54,6	65,2	65,8	67,5	67,9	72,6	71,9
Vegetables	0,0	4,1	18,6	27,2	45,2	50,0	52,9	51,2	54,9	59,9	58,0
Fruit and berries	0,0	4,4	11,4	28,1	32,2	37,3	39,9	47,6	46,2	41,0	39,1
Grapes	—	1,8	9,7	17,7	35,0	52,1	50,0	48,4	46,3	59,6	56,8
Cattle and poultry	0,1	11,3	8,1	19,8	34,4	39,6	45,6	45,5	52,7	55,4	60,0
Milk and dairy products	—	0,8	5,0	13,7	13,9	11,8	11,0	9,7	7,5	6,8	5,3
Eggs	0,2	4,2	7,9	30,4	51,6	60,7	65,5	68,5	71,5	74,6	75,3
Wool	—	6,2	6,7	15,7	31,0	40,5	62,8	48,7	47,8	39,0	29,0

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8.20. Total land area and agricultural land in 2008¹

(end of year; thsd.ha)

	Total land users, thsd.	Total land area	Total agricultural land	Of which		
				arable fields	hay fields	pastures
Total land	25072,7	60354,8	41625,8	32473,4	2416,2	5501,8
Lands of agricultural enterprises and households	24823,2	37979,8	36603,8	30887,0	1637,1	3069,2
Land of non-state agricultural enterprises	66,6	20589,6	19952,8	18631,5	421,1	704,4
of which						
collective agricultural enterprises	0,4	130,6	88,5	70,0	5,3	12,0
farms	49,5	4066,8	4016,3	3817,0	54,8	127,0
Lands of the state agricultural enterprises	2,1	1253,3	1064,9	879,4	37,0	109,8
Lands of the inter-farm enterprises	0,1	11,1	1,6	1,5	—	0,1
Private lands	24754,4	16125,8	15584,5	11374,6	1179,0	2254,9
of which						
private ancillary farms and land plots	16706,1	5207,4	4845,7	4266,2	191,9	87,0
Lands of other users	249,5	22375,0	5022,0	1586,4	779,1	2432,6

¹ According to the data from the Ukraine's State Committee on Land Resources

8.21. Irrigated and drained land area¹

(end of year; thsd.ha)

	Drained land							Irrigated land						
	1990	1995	2000	2005	2006	2007	2008	1990	1995	2000	2005	2006	2007	2008
Total land	3220	3299	3299	3307	3307	3307	3307	2601	2585	2408	2183	2181	2181	2179
including lands of agricultural enterprises	3004	2713	2164	1272	1153	1088	1063	2600	2568	2292	1688	1657	1644	1615
of which with closed drainage	2181	2041	1727	1030	936	889	877	×	×	×	×	×	×	×

¹ See the footnote to Table 8.20

8.22. Sown area for basic agricultural crops in 1940–2008

(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

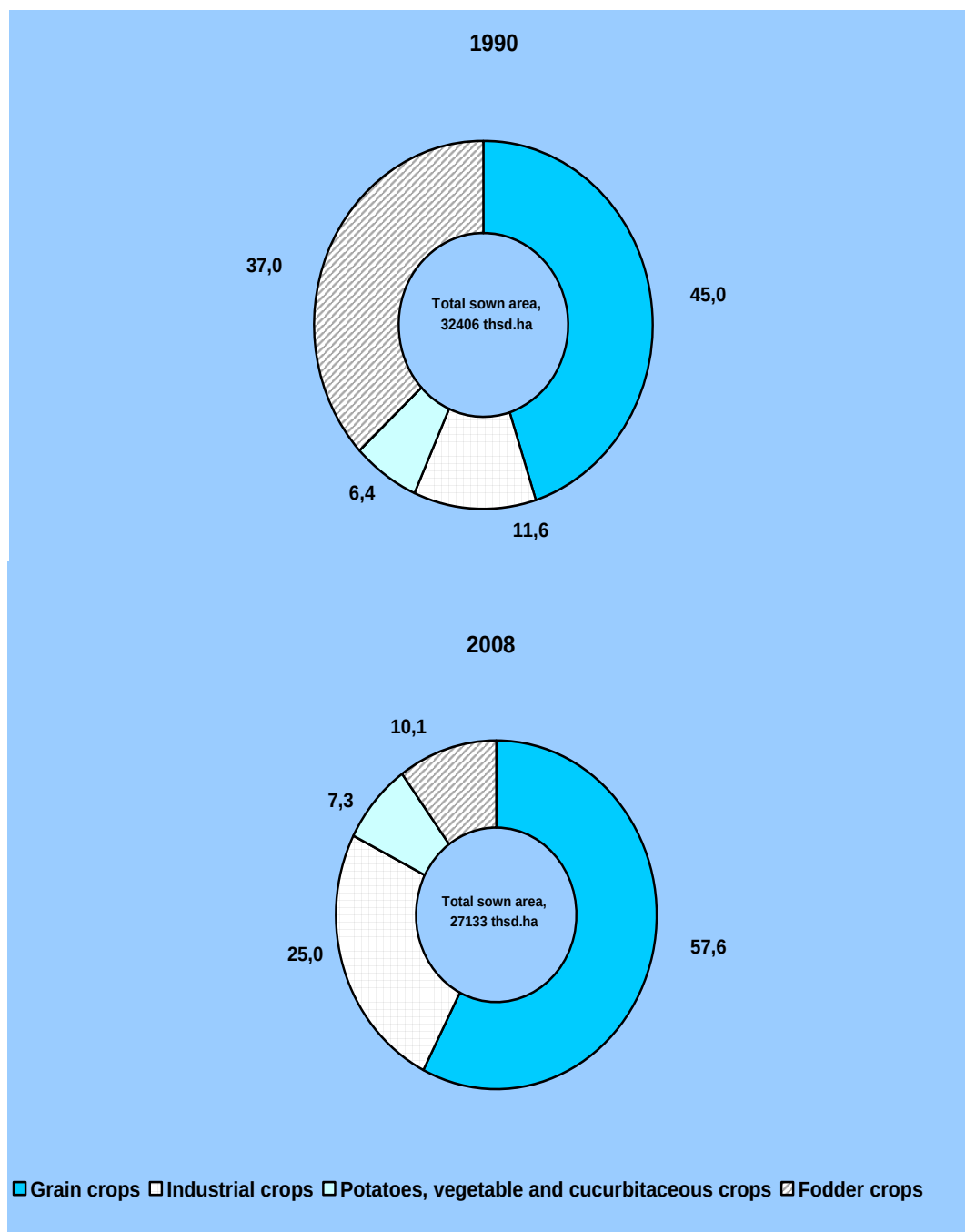
8.23. Sown area for agricultural crops

(thsd.ha)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total sown area	32406	30963	27173	27928	27539	25081	26752	26044	25928	26060	27133
Grain crops	14583	14152	13646	15586	15448	12495	15433	15005	14515	15115	15636
Winter crops	8614	6310	6324	8261	8173	2873	6397	7289	5884	6725	8127
wheat	7568	5324	5316	6831	6833	2356	5139	6185	5089	5817	6802
rye	518	609	668	923	787	404	737	622	373	349	466
barley	528	377	340	507	553	113	521	482	422	559	859
Summer crops	5969	7842	7322	7325	7275	9622	9036	7716	8631	8390	7509
of which											
wheat	9	185	303	282	293	472	535	480	494	471	314
barley	2201	4130	3645	3590	3978	5059	4157	4018	4883	4417	3360
oats	492	570	521	594	557	602	538	468	474	404	456
corn	1234	1174	1364	1291	1311	2170	2467	1711	1777	2087	2516
millet	205	167	437	354	164	311	434	141	136	122	153
buckwheat	350	459	574	713	433	366	439	426	398	352	302
rice	28	22	26	19	19	22	21	21	22	21	20
legumes	1424	1103	408	432	486	558	387	422	406	438	263
of which											
peas	1287	996	307	319	356	403	270	326	339	362	206
vetch and vetch mixtures for again	79	65	54	56	64	74	54	44	29	30	19
Industrial crops	3751	3748	4187	3779	4072	5357	4971	5260	6105	5920	6778
of which											
sugar beets (for processing)	1607	1475	856	970	897	773	732	652	815	610	380
sunflowers	1636	2020	2943	2502	2834	4001	3521	3743	3964	3604	4306
rape	90	49	214	120	81	69	117	207	414	891	1412
soya	93	25	65	82	108	209	274	438	751	671	558
flax	172	98	23	27	29	32	38	25	14	13	7
Potatoes, vegetables and cucurbitaceous crops	2073	2165	2277	2188	2161	2155	2105	2041	2031	1997	1967
of which											
potatoes	1429	1532	1629	1604	1590	1585	1556	1514	1464	1453	1413
vegetables grown in open ground (without seed crops)	456	503	538	490	479	480	476	465	469	451	458
Fodder crops	11999	10898	7063	6375	5858	5074	4243	3738	3277	3028	2752
of which											
fodder roots (including fodder sugar beets)	624	480	285	320	330	324	299	294	277	275	259
corn for silage and green fodder	4637	3475	1920	1817	1469	1321	1015	774	675	629	518
annual hay grass (including winter crops used for green fodder)	2583	2879	1765	1534	1537	1256	990	891	717	614	567
perennial hay grass (hay grass sown in the previous and current years)	3986	3906	2985	2603	2425	2079	1855	1702	1549	1459	1357
Fallow	1427	1570	3213	2712	2692	3509	2330	2428	1866	1625	1413

8.24. Structure of sown area for basic agricultural crops

(percent of the total area)



8.25. Sown area for agricultural crops in 2008, by region

(thsd.ha)

	Total sown area	Of which			
		grain crops	industrial crops	potatoes, vegetables and cucurbitaceous crops	fodder crops
Ukraine	27133	15636	6778	1967	2752
Autonomous Republic of Crimea	822	615	100	41	66
oblasts					
Vinnitsya	1525	839	376	119	191
Volyn	492	266	28	79	119
Dnipropetrovsk	1879	1105	620	84	70
Donetsk	1444	762	452	93	137
Zhytomyr	725	383	75	67	200
Zakarpattya	192	87	2	49	54
Zaporizhzhya	1637	860	648	64	65
Ivano-Frankivsk	316	133	18	68	97
Kyiv	1120	655	198	121	146
Kirovohrad	1603	845	630	66	62
Luhansk	1008	537	350	57	64
Lviv	549	274	45	115	115
Mykolayiv	1494	837	556	42	59
Odesa	1824	1220	432	73	99
Poltava	1702	1049	408	88	157
Rivne	511	266	60	76	109
Sumy	995	667	132	74	122
Ternopil	762	488	138	67	69
Kharkiv	1643	995	400	113	135
Kherson	1359	674	502	101	82
Khmelnyskiy	988	581	182	81	144
Cherkasy	1206	682	303	90	131
Chernivtsi	285	128	41	42	74
Chernihiv	1052	688	82	97	185

8.26. Harvested area

(thsd.ha)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Grain crops	14522	13963	12587	14655	14242	11113	14776	14605	14192	13428	15381
Winter crops	8592	6277	5846	7991	7757	2524	6248	7187	5807	6334	8058
wheat	7549	5299	4888	6614	6477	2029	5024	6105	5029	5516	6747
rye	517	605	636	878	748	392	715	608	359	336	458
barley	526	373	322	499	532	103	509	474	419	482	853
Summer crops	5930	7686	6741	6664	6485	8589	8528	7418	8385	7094	7323
of which											
wheat	9	180	273	268	273	427	509	466	482	435	307
barley	2186	4040	3367	3422	3621	4498	4006	3876	4818	3607	3314
oats	486	560	481	559	500	544	510	450	442	356	445
corn grain	1223	1161	1279	1123	1189	1989	2300	1660	1720	1903	2440
millet	197	158	367	251	106	258	377	120	115	92	142
buckwheat	362	448	529	577	308	324	389	396	360	310	282
rice	28	22	25	19	19	22	21	21	22	21	20
legumes	1414	1085	383	412	445	479	367	401	389	315	257
Sugar beets (for processing)	1605	1448	747	853	763	666	697	623	788	577	377
Sunflowers	1626	2008	2842	2396	2720	3810	3427	3689	3911	3411	4279
Rape	90	47	157	108	70	54	107	195	387	800	1380
Soya	88	23	61	73	98	190	256	422	715	583	538
Flax	169	96	20	24	25	27	32	24	10	11	6
Potatoes	1433	1531	1631	1605	1592	1587	1556	1516	1461	1453	1409
Vegetables	447	489	519	479	471	470	468	464	470	449	458
Fodder roots (including fodder sugar beets)	683	496	281	320	319	317	298	294	277	276	260
Corn for silage and green fodder	4730	3493	1843	1733	1414	1266	981	766	666	617	513
Annual hay grass	309	264	289	325	356	361	346	342	320	288	291
Perennial hay grass	1425	1442	1249	1190	1086	1042	1048	1001	943	915	931

8.27. Area planted with fruit and berries, and grapes

(thsd.ha)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Area for fruit and berry plantations	851	794	425	402	369	338	316	299	281	271	267
of which fruit-bearing	680	637	378	363	332	303	281	266	248	238	233
Vineyards	176	155	110	105	103	99	97	96	93	93	93
of which fruit-bearing	143	138	99	95	91	86	83	81	76	71	71

8.28. Output of basic agricultural crops in 1913–2008

(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

8.29. Output of basic agricultural crops

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Grain crops	51009	33930	24459	39706	38804	20234	41809	38016	34258	29295	53290
Winter crops	33560	18163	11348	24064	22834	3658	19386	19744	14444	14609	28763
wheat	30348	15969	9775	20794	19978	2866	16361	17683	12880	13173	25050
rye	1259	1207	966	1821	1509	620	1589	1053	582	561	1050
barley	1953	987	607	1449	1347	172	1436	1008	982	875	2663
Summer crops	17449	15767	13111	15642	15970	16576	22423	18272	19814	14686	24527
of which											
wheat	26	304	422	554	578	733	1159	1016	1067	765	835
barley	7216	8646	6265	8737	9017	6662	9649	7967	10359	5106	9949
oats	1303	1116	881	1116	943	941	1007	791	690	544	944
corn grain	4737	3392	3848	3641	4180	6875	8867	7167	6426	7421	11447
millet	338	268	426	266	112	341	459	141	123	84	221
buckwheat	420	341	481	388	209	311	294	275	229	217	241
rice	118	80	90	69	75	84	80	93	100	108	101
legumes	3266	1570	652	827	810	571	812	758	747	357	550
Sugar beets (for processing)	44264	29650	13199	15575	14452	13392	16600	15468	22421	16978	13438
Sunflowers	2571	2860	3457	2251	3271	4254	3050	4706	5324	4174	6526
Rape	130	40	132	135	61	51	149	285	606	1047	2873
Soya	99	22	64	74	125	232	363	613	890	723	813
Flax (fiber)	108	48	8	12	11	11	16	13	5	4	3
Potatoes	16732	14729	19838	17344	16619	18453	20755	19462	19467	19102	19545
Vegetables	6666	5880	5821	5907	5827	6538	6964	7295	8058	6835	7965
Fodder roots (of which fodder sugar beets)	27270	13470	6672	7713	7449	7786	8139	8015	7746	7525	8011
Corn for silage and green fodder	98372	61920	24183	18767	17114	18822	14261	12509	10315	8739	9163
Annual hay grass	1104	774	647	799	803	769	888	942	962	799	902
Perennial hay grass	5511	4368	2572	2983	2519	2263	2704	2969	2989	2758	3287
Fruit and berries	2902	1897	1453	1106	1211	1697	1635	1690	1114	1470	1504
Grapes	836	457	514	336	359	505	374	443	301	360	415

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

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
All categories of farms											
Grain crops	51009	33930	24459	39706	38804	20234	41809	38016	34258	29295	53290
Sugar beets (for processing)	44264	29650	13199	15575	14452	13392	16600	15468	22421	16978	13438
Sunflowers	2571	2860	3457	2251	3271	4254	3050	4706	5324	4174	6526
Potatoes	16732	14729	19838	17344	16619	18453	20755	19462	19467	19102	19545
Vegetables	6666	5880	5821	5907	5827	6538	6964	7295	8058	6835	7965
Fruit and berries	2902	1897	1453	1106	1211	1697	1635	1690	1114	1470	1504
Grapes	836	457	514	336	359	505	374	443	301	360	415
Agricultural enterprises											
Grain crops	49564	31182	19964	31660	29485	14596	31709	28791	25698	22848	42094
Sugar beets (for processing)	44261	28884	11594	12408	10672	10365	12760	12146	19042	14764	11796
Sunflowers	2509	2734	3025	1844	2727	3576	2406	3710	4156	3374	5289
Potatoes	4793	618	277	275	229	263	272	239	275	389	437
Vegetables	4872	1607	986	773	707	828	769	781	974	713	1109
Fruit and berries	1347	311	264	158	176	408	187	200	136	198	232
Grapes	665	336	360	225	223	324	212	258	155	235	282
of which farms											
Grain crops	0	508	1256	3222	3484	1551	4148	4083	4227	3250	6857
Sugar beets (for processing)	—	652	755	1039	1164	1128	1410	1373	2360	1410	818
Sunflowers	0	86	347	247	440	598	430	735	847	689	1183
Potatoes	—	16	56	62	72	86	90	85	94	117	136
Vegetables	0	27	83	91	109	132	143	156	224	168	276
Fruit and berries	0	1	4	4	5	7	8	11	11	13	23
Grapes	0	0	1	1	1	2	3	3	3	6	7
Agricultural holdings of the population											
Grain crops	1445	2748	4495	8046	9319	5638	10100	9225	8560	6447	11196
Sugar beets (for processing)	3	766	1605	3167	3780	3027	3840	3322	3379	2214	1642
Sunflowers	62	126	432	407	544	678	644	996	1168	800	1237
Potatoes	11939	14111	19561	17069	16390	18190	20483	19223	19192	18713	19108
Vegetables	1794	4273	4835	5134	5120	5710	6195	6514	7084	6122	6856
Fruit and berries	1555	1586	1189	948	1035	1289	1448	1490	978	1272	1272
Grapes	171	121	154	111	136	181	162	185	146	125	133

8.31. Output of grain crops, by region

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	51009	33930	24459	39706	38804	20234	41809	38016	34258	29295	53290
Autonomous Republic of Crimea	1988	1505	1064	1413	1106	665	1205	1160	1221	1228	1734
oblasts											
Vinnitsya	3074	2230	1745	2141	2322	1213	2097	2035	2075	1686	3378
Volyn	922	819	503	609	687	560	780	677	524	573	717
Dnipropetrovsk	3552	2043	1571	3272	2979	1279	3057	2908	2635	1672	3694
Donetsk	2551	1482	1011	2183	2001	699	2045	1912	1646	1187	2332
Zhytomyr	1352	1110	721	832	890	478	821	750	725	741	1102
Zakarpattia	306	197	167	244	261	272	355	296	287	301	316
Zaporizhzhya	3094	1533	1150	2516	1897	621	1837	1806	1762	1241	2780
Ivano-Frankivsk	503	422	253	317	320	263	358	335	293	300	399
Kyiv	2112	1544	1431	1662	1848	1370	2314	2284	1856	1796	2593
Kirovohrad	3210	1971	1378	2744	2591	1186	2679	2479	2410	1278	3003
Luhansk	1877	1021	442	962	1025	627	1134	1311	845	800	1640
Lviv	1010	866	481	598	683	577	678	627	587	612	837
Mykolayiv	2706	1660	921	2718	2430	800	2697	1763	1951	641	2386
Odesa	2674	1956	1581	3215	2897	1214	3647	2669	2808	1263	3681
Poltava	3450	2016	1408	2302	2761	1529	3008	2851	2447	2866	4531
Rivne	865	755	495	540	681	410	636	599	483	569	770
Sumy	1887	1380	968	1208	1305	807	1284	1119	890	1289	2366
Ternopil	1319	1204	741	806	908	736	1035	1045	905	1125	1598
Kharkiv	3008	1424	1268	2435	2643	1076	2145	2407	1717	2163	3797
Kherson	2792	1772	1166	2180	1537	405	1936	1539	1474	810	2202
Khmelnyskiy	2063	1612	1242	1275	1405	830	1427	1205	938	1247	1815
Cherkasy	2375	1674	1594	2013	1947	1235	2339	2217	2109	1842	2978
Chernivtsi	582	485	326	438	442	325	427	427	373	414	480
Chernihiv	1737	1249	832	1083	1238	1057	1868	1595	1297	1651	2161

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

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	44264	29650	13199	15575	14452	13392	16600	15468	22421	16978	13438
Autonomous Republic of Crimea	—	22	—	—	—	—	—	—	—	—	—
oblasts											
Vinnitsya	5749	3981	1916	1911	2069	1728	2488	2050	2861	2895	2237
Volyn	1168	597	486	644	555	572	718	711	809	544	301
Dnipropetrovsk	672	763	270	467	383	326	437	359	585	156	43
Donetsk	—	157	37	56	50	39	68	47	69	18	25
Zhytomyr	1300	975	388	466	460	524	707	595	907	668	343
Zaporizhzhya	2	98	27	31	36	27	50	26	47	8	8
Ivano-Frankivsk	665	427	202	268	179	140	149	151	171	97	54
Kyiv	3261	2565	1216	1770	1820	1528	1659	1562	2291	1610	998
Kirovohrad	2541	1898	642	740	750	640	917	699	1119	398	517
Luhansk	—	96	78	77	46	18	24	18	18	12	5
Lviv	1597	924	401	404	422	422	518	437	603	499	584
Mykolayiv	989	582	130	261	202	253	234	146	283	53	14
Odesa	873	524	214	272	248	224	223	116	240	63	25
Poltava	4625	2711	975	1120	1115	1033	1465	1543	2364	2196	2701
Rivne	1639	763	431	480	437	424	572	582	899	1117	833
Sumy	2973	1658	773	778	706	839	796	644	895	502	328
Ternopil	3313	2011	1202	1572	1204	1102	1280	1476	2237	2059	1403
Kharkiv	2802	2510	1117	1170	1087	1221	1346	1103	1593	1079	824
Kherson	—	81	25	58	52	46	52	33	40	0	2
Khmelnyskiy	3978	2369	1146	1257	901	788	979	1041	1421	1343	863
Cherkasy	4097	2634	860	988	1005	859	1149	1253	2019	1114	854
Chernivtsi	975	557	322	428	275	163	193	181	161	134	109
Chernihiv	1045	747	341	357	450	476	576	695	789	413	367

8.33. Output of sunflower seeds, by region

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	2571	2860	3457	2251	3271	4254	3050	4706	5324	4174	6526
Autonomous Republic of Crimea	43	37	38	13	15	24	30	26	37	16	29
oblasts											
Vinnitsya	67	69	67	40	66	92	64	87	113	99	218
Volyn	0	0	0	0	0	0	0	0	0	0	0
Dnipropetrovsk	310	390	452	334	491	609	359	613	762	618	851
Donetsk	302	361	462	319	460	430	349	473	552	492	747
Zhytomyr	0	0	0	0	1	3	2	6	3	3	7
Zakarpattia	1	2	1	1	2	2	2	2	2	2	2
Zaporizhzhya	284	354	444	309	450	479	464	735	801	514	824
Ivano-Frankivsk	0	0	1	0	1	1	1	1	0	0	1
Kyiv	6	8	25	11	19	44	25	47	47	41	82
Kirovohrad	253	239	305	185	326	510	270	525	508	398	636
Luhansk	219	258	238	154	222	259	216	312	376	402	459
Lviv	—	0	—	0	0	0	0	0	1	—	0
Mykolayiv	220	219	251	157	232	412	259	427	499	260	517
Odesa	236	195	311	208	266	388	278	340	368	112	313
Poltava	174	186	201	109	177	273	159	288	292	347	458
Rivne	0	0	0	0	0	0	0	0	1	0	3
Sumy	27	39	40	16	27	35	14	27	34	54	112
Ternopil	0	0	1	1	1	1	1	1	4	3	11
Kharkiv	248	293	342	243	312	336	216	301	377	490	587
Kherson	96	115	155	91	102	173	216	289	352	147	365
Khmelnyskiy	0	1	3	2	2	5	5	3	4	6	20
Cherkasy	82	86	107	48	85	158	103	181	171	152	238
Chernivtsi	1	6	6	6	8	8	11	10	7	5	9
Chernihiv	2	2	7	4	6	12	6	12	13	13	37

8.34. Output of potatoes, by region

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	16732	14729	19838	17344	16619	18453	20755	19462	19467	19102	19545
Autonomous Republic of Crimea	251	332	250	227	151	146	201	159	180	187	350
oblasts											
Vinnitsya	1072	1181	1418	1174	1243	1317	1578	1523	1385	1140	1549
Volyn	1198	622	1194	1118	1127	1042	1030	975	853	900	937
Dnipropetrovsk	302	398	683	530	389	595	674	584	581	379	570
Donetsk	312	615	763	991	554	564	789	720	705	621	624
Zhytomyr	1021	846	1065	787	823	1134	1191	1111	991	1039	1060
Zakarpattia	337	327	478	475	534	522	561	544	565	589	576
Zaporizhzhya	217	144	291	304	196	223	369	329	366	118	306
Ivano-Frankivsk	622	507	845	679	841	834	857	755	742	775	551
Kyiv	1102	1236	1351	1096	1037	1320	1181	1121	1303	1390	1478
Kirovohrad	353	532	317	441	364	434	657	532	500	299	483
Luhansk	223	301	359	259	234	356	446	670	602	509	534
Lviv	1332	899	1510	995	1567	1462	1471	1297	1472	1522	1371
Mykolayiv	239	231	73	183	133	193	226	213	207	105	180
Odesa	249	212	316	269	180	136	337	406	298	110	201
Poltava	603	503	694	518	539	768	942	950	927	892	910
Rivne	884	648	876	800	891	962	1087	912	1046	1055	1011
Sumy	939	618	928	831	772	927	939	917	782	1049	896
Ternopil	1019	551	1043	639	794	777	803	682	807	894	789
Kharkiv	472	763	1183	1236	720	829	1064	1270	958	1145	854
Kherson	210	212	295	228	230	239	252	207	222	209	248
Khmelnyskiy	1055	793	1077	968	1014	998	1117	978	1153	1433	1262
Cherkasy	735	708	940	779	710	772	976	929	897	621	837
Chernivtsi	387	306	418	508	426	381	435	420	446	511	461
Chernihiv	1598	1244	1471	1309	1150	1522	1572	1258	1479	1610	1507

8.35. Output of vegetables, by region

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	6666	5880	5821	5907	5827	6538	6964	7295	8058	6835	7965
Autonomous Republic of Crimea	428	225	186	176	159	132	127	128	160	210	286
oblasts											
Vinnitsya	238	208	196	172	147	234	241	293	318	231	318
Volyn	125	117	111	129	108	171	185	215	233	253	234
Dnipropetrovsk	456	638	433	431	434	492	499	494	525	469	541
Donetsk	618	488	444	445	471	401	519	475	533	454	413
Zhytomyr	149	203	194	148	163	205	207	203	219	190	211
Zakarpattia	128	122	123	187	194	208	216	218	227	235	240
Zaporizhzhya	310	299	231	199	209	252	311	298	367	237	279
Ivano-Frankivsk	99	87	134	160	152	151	131	127	126	123	107
Kyiv	464	381	295	253	261	333	309	402	459	439	513
Kirovohrad	183	249	213	352	258	325	300	269	253	164	247
Luhansk	288	246	249	154	172	159	180	278	341	231	311
Lviv	182	164	269	295	295	327	328	380	403	432	422
Mykolayiv	285	185	174	143	170	180	221	267	297	152	274
Odesa	462	232	301	296	321	436	599	526	569	241	486
Poltava	286	319	199	361	307	344	376	350	409	399	377
Rivne	127	104	134	134	145	170	185	171	189	171	219
Sumy	192	99	138	140	144	173	162	140	205	178	137
Ternopil	140	118	140	118	130	156	123	145	161	170	206
Kharkiv	277	396	416	439	409	455	500	523	537	545	509
Kherson	423	277	421	423	426	437	440	526	622	500	697
Khmelnyskiy	185	188	155	186	170	169	225	225	210	196	213
Cherkasy	321	253	344	283	281	320	252	296	316	225	297
Chernivtsi	124	76	146	122	134	135	152	184	186	196	190
Chernihiv	176	206	175	161	167	173	176	162	193	194	238

8.36. Output of fruit and berries, by region

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	2902	1897	1453	1106	1211	1697	1635	1690	1114	1470	1504
Autonomous Republic of Crimea	501	90	133	39	35	126	30	59	37	55	106
oblasts											
Vinnitsya	240	142	73	43	65	182	148	185	153	208	162
Volyn	93	56	39	37	32	29	33	28	33	32	31
Dnipropetrovsk	159	126	196	131	146	165	164	166	78	152	157
Donetsk	160	140	158	128	134	158	217	228	44	93	96
Zhytomyr	47	53	24	19	32	32	24	35	28	31	24
Zakarpattia	139	116	104	78	72	86	64	66	63	64	84
Zaporizhzhya	152	88	58	43	47	83	78	81	18	67	68
Ivano-Frankivsk	69	118	25	38	32	32	31	32	32	31	32
Kyiv	77	53	22	25	33	48	37	25	24	28	26
Kirovohrad	34	42	24	8	17	17	26	22	17	17	20
Luhansk	102	68	53	55	39	62	36	38	8	29	24
Lviv	113	149	90	76	79	75	90	74	90	91	88
Mykolayiv	85	71	24	23	20	37	32	37	21	23	37
Odesa	111	35	66	54	65	105	110	114	81	49	68
Poltava	102	110	22	25	28	30	35	40	36	59	66
Rivne	72	41	35	33	39	39	68	52	63	55	58
Sumy	38	8	5	5	5	7	8	9	6	8	9
Ternopil	38	24	11	9	20	17	23	21	17	18	17
Kharkiv	147	109	34	41	34	72	44	71	25	74	49
Kherson	87	31	65	57	43	81	51	59	14	33	41
Khmelnyskiy	146	79	78	64	79	86	162	149	128	148	137
Cherkasy	69	24	36	18	37	43	35	24	29	27	27
Chernivtsi	87	72	53	39	54	64	69	63	58	62	62
Chernihiv	34	52	25	18	24	21	20	12	11	16	15

8.37. Output of grapes, by region

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	835,7	457,3	513,8	335,8	359,3	504,9	374,0	442,6	300,9	359,7	415,3
Autonomous Republic of Crimea	315,7	116,2	179,4	84,0	90,9	167,7	83,0	116,3	58,7	118,6	116,9
oblasts											
Vinnitsya	2,6	2,4	0,7	0,8	0,6	0,3	2,1	2,1	2,3	2,4	2,6
Volyn	0,1	0,1	0,3	0,3	0,2	0,4	0,4	0,3	0,3	0,3	0,3
Dnipropetrovsk	6,0	6,4	5,3	5,4	5,0	5,2	5,7	6,6	5,5	6,6	7,0
Donetsk	1,6	11,8	16,1	11,1	13,0	14,0	9,5	11,5	3,3	6,3	6,4
Zhytomyr	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Zakarpattia	28,5	13,8	41,9	26,4	26,0	31,2	31,3	27,2	25,0	21,4	21,4
Zaporizhzhya	9,0	12,8	3,1	2,7	2,3	8,6	1,2	4,7	2,0	6,3	7,3
Ivano-Frankivsk	0,5	0,4	0,7	0,7	0,7	0,6	0,7	0,7	0,8	0,8	0,7
Kyiv	1,2	0,1	0,1	0,2	0,3	0,2	0,2	0,2	0,2	0,2	0,2
Kirovohrad	0,8	0,8	1,5	0,8	0,7	0,5	0,3	0,6	1,0	1,4	1,3
Luhansk	0,6	0,6	1,4	1,6	1,3	1,5	1,1	1,1	0,6	1,0	0,9
Lviv	0,3	0,3	1,4	1,3	1,3	1,1	1,3	1,2	1,2	1,2	1,2
Mykolayiv	61,4	56,1	30,2	34,1	26,3	30,6	25,0	37,4	21,4	27,1	48,7
Odesa	337,6	194,6	201,4	137,5	163,4	210,7	179,4	193,3	167,4	142,5	154,2
Poltava	0,3	0,3	0,4	0,6	0,5	0,6	0,7	0,6	0,7	0,7	1,1
Rivne	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,2	0,1	0,1	0,1
Sumy	0,0	0,0	0,2	0,2	0,2	0,3	0,3	0,3	0,2	0,2	0,3
Ternopil	0,0	0,1	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Kharkiv	0,7	0,7	1,1	0,6	0,6	0,7	0,4	0,4	0,3	0,6	0,6
Kherson	68,3	38,6	26,3	25,6	23,4	28,3	29,1	36,1	8,0	19,8	41,7
Khmelnyskiy	0,0	0,0	0,3	0,2	0,3	0,3	0,3	0,3	0,4	0,5	0,6
Cherkasy	0,4	0,7	0,5	0,2	0,6	0,7	0,7	0,5	0,4	0,4	0,5
Chernivtsi	0,0	0,4	1,0	1,0	1,2	0,9	0,8	0,7	0,8	0,9	0,9
Chernihiv	0,1	0,1	0,3	0,3	0,2	0,2	0,2	0,1	0,1	0,2	0,2

8.38. Yields of basic agricultural crops in 1940–2008

(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

8.39. Yields of basic of agricultural crops

(1 ha; centner)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Grain crops	35,1	24,3	19,4	27,1	27,3	18,2	28,3	26,0	24,1	21,8	34,6
Winter crops	39,1	28,9	19,4	30,1	29,4	14,5	31,0	27,5	24,9	23,1	35,7
wheat	40,2	30,1	20,0	31,4	30,8	14,1	32,6	29,0	25,6	23,9	37,1
rye	24,3	20,0	15,2	20,7	20,2	15,8	22,2	17,3	16,2	16,7	22,9
barley	37,2	26,5	18,9	29,1	25,3	16,7	28,2	21,2	23,5	18,2	31,2
Summer crops	29,4	20,5	19,5	23,5	24,6	19,3	26,3	24,6	23,6	20,7	33,5
of which											
wheat	30,2	16,9	15,4	20,6	21,2	17,2	22,8	21,8	22,1	17,6	27,2
barley	33,0	21,4	18,6	25,5	24,9	14,8	24,1	20,6	21,5	14,2	30,0
oats	26,8	19,9	18,3	20,0	18,9	17,3	19,7	17,6	15,6	15,3	21,2
corn grain	38,7	29,2	30,1	32,4	35,2	34,6	38,6	43,2	37,4	39,0	46,9
millet	17,2	17,0	11,6	10,6	10,5	13,2	12,2	11,7	10,8	9,2	15,6
buckwheat	11,6	7,6	9,1	6,7	6,8	9,6	7,6	6,9	6,4	7,0	8,5
rice	42,5	36,4	35,6	36,6	40,0	37,5	37,7	43,4	46,0	51,1	50,9
legumes	23,1	14,5	17,0	20,1	18,2	11,9	22,1	18,9	19,2	11,4	21,4
Sugar beets (for processing)	276	205	177	183	189	201	238	248	285	294	356
Sunflowers	15,8	14,2	12,2	9,4	12,0	11,2	8,9	12,8	13,6	12,2	15,3
Rape	14,5	8,5	8,4	12,4	8,7	9,4	13,9	14,6	15,7	13,1	20,8
Soya	11,3	9,7	10,6	10,1	12,7	12,2	14,2	14,5	12,4	12,4	15,1
Flax (fiber)	6,4	5,0	4,2	5,2	4,5	4,1	5,0	5,4	5,1	3,3	5,1
Potatoes	117	96	122	108	104	116	133	128	133	131	139
Vegetables	149	120	112	123	124	139	149	157	171	152	174
Fodder roots (including fodder sugar beets)	399	272	238	241	234	246	273	273	279	273	309
Corn for silage and green fodder	208	177	131	108	121	149	146	163	155	142	179
Annual hay grass	35,7	29,4	22,4	24,6	22,6	21,3	25,7	27,5	30,0	27,8	31,1
Perennial hay grass	38,7	30,3	20,6	25,1	23,2	21,7	25,8	29,7	31,7	30,1	35,3
Fruit and berries	42,7	29,8	38,4	30,5	36,5	56,0	58,1	63,7	45,0	61,7	64,4
Grapes	58,3	33,2	51,7	35,4	39,4	59,0	45,2	54,9	39,7	50,5	58,6

8.40. Yields of grain crops in 2008, by region

(1 ha; centner)

	Grain crops	Including					
		wheat	rye	barley	oats	corn grain	millet
Ukraine	34,6	36,7	22,9	30,3	21,2	46,9	15,6
Autonomous Republic of Crimea	28,3	27,4	24,0	28,5	20,1	76,9	15,4
oblasts							
Vinnitsya	41,0	42,6	28,3	34,1	26,4	54,9	14,1
Volyn	27,7	30,6	20,4	27,4	20,2	60,1	8,3
Dnipropetrovsk	34,0	38,1	29,2	28,8	24,3	34,9	18,4
Donetsk	30,8	36,3	29,0	25,6	19,2	28,2	18,3
Zhytomyr	29,6	34,1	17,2	28,9	16,5	50,7	7,1
Zakarpattia	36,8	30,7	23,3	28,8	20,2	46,8	—
Zaporizhzhya	32,5	35,3	25,6	29,9	23,1	28,0	15,9
Ivano-Frankivsk	32,4	31,7	20,3	28,5	17,3	45,5	22,1
Kyiv	40,0	40,1	26,3	36,9	24,0	52,7	13,8
Kirovohrad	36,1	38,6	30,3	28,4	28,5	53,0	17,6
Luhansk	30,9	38,1	26,0	23,6	20,3	24,3	12,3
Lviv	32,1	31,4	21,0	28,0	19,0	61,7	7,0
Mykolayiv	28,7	30,8	23,6	26,8	20,5	28,7	15,4
Odesa	30,4	33,2	25,2	28,9	18,7	32,1	12,8
Poltava	43,7	43,1	27,2	34,4	31,3	56,8	21,6
Rivne	29,5	32,1	19,2	27,8	17,8	56,6	6,8
Sumy	35,7	38,5	24,4	32,7	25,6	49,3	17,3
Ternopil	34,0	35,0	22,3	29,7	18,6	52,7	8,3
Kharkiv	38,8	46,0	31,0	32,4	26,5	37,9	16,0
Kherson	32,9	32,8	18,5	30,9	20,9	59,9	15,7
Khmelnyskiy	33,0	35,2	26,5	29,9	20,1	52,9	13,4
Cherkasy	44,4	46,9	31,7	37,4	29,2	53,3	17,9
Chernivtsi	39,8	32,3	20,9	25,8	19,1	50,9	11,5
Chernihiv	32,1	33,0	21,8	33,8	20,3	45,7	11,6

8.41. Yields of major of agricultural crops in 2008, by region

(1 ha; centner)

	Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruits and berries
Ukraine	356	15,3	139	174	64,4
Autonomous Republic of Crimea	—	9,1	144	165	71,8
oblasts					
Vinnitsya	360	18,3	152	201	74,9
Volyn	316	8,3	139	201	81,0
Dnipropetrovsk	248	15,7	120	175	108,2
Donetsk	199	16,9	103	152	96,7
Zhytomyr	308	13,3	183	222	43,6
Zakarpattia	—	12,2	163	184	67,4
Zaporizhzhya	190	13,9	97	127	69,9
Ivano-Frankivsk	269	14,0	102	129	37,3
Kyiv	335	18,4	155	217	26,0
Kirovohrad	365	15,5	107	142	32,7
Luhansk	135	13,8	135	224	32,4
Lviv	366	3,4	151	193	68,5
Mykolayiv	198	12,3	92	156	66,8
Odesa	185	13,5	56	163	65,4
Poltava	421	21,6	147	172	90,1
Rivne	371	18,0	155	200	81,2
Sumy	345	17,8	141	143	28,8
Ternopil	331	15,7	137	216	29,9
Kharkiv	296	18,0	109	175	42,5
Kherson	200	11,1	102	167	54,5
Khmelnyskiy	414	14,3	179	204	83,5
Cherkasy	327	19,3	131	135	44,5
Chernivtsi	338	15,6	149	179	53,9
Chernihiv	367	16,3	179	202	36,9

8.42. Collective horticulture¹ and market gardening

	Collective horticulture		Collective gardening	
	families, thsd.	areas, thsd.ha	families, 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

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 fertilizers for agricultural crops in agricultural enterprises

	1990	1996	2000	2001	2002	2003	2004	2005	2006	2007	2008
Mineral fertilizers											
Fertilizers used in conventional units, total, mln. centners	42,4	5,2	2,8	4,0	4,0	3,8	5,2	5,6	7,0	9,0	10,6
Fertilized area, mln.ha	25,1	8,2	4,6	6,4	6,2	5,8	7,9	7,8	9,5	10,9	12,9
Share of fertilized area, percent	83	32	22	30	33	34	44	45	55	62	69
Fertilizers in conventional units used per 1 hectare of sown area, kg	141	21	13	19	21	22	29	32	40	51	57
Organic fertilizers											
Fertilizers used in conventional units, total, mln.t	257,1	80,6	28,4	26,5	22,7	17,4	15,1	13,2	13,0	11,9	10,5
Fertilized area, mln.ha	5,4	1,8	0,7	0,7	0,7	0,6	0,5	0,5	0,5	0,5	0,5
Share of fertilized area, percent	18	7	3	3	4	3	3	3	3	3	3
Fertilizers in conventional units used per 1 hectare of sown area, t	8,6	3,2	1,3	1,3	1,2	1,0	0,8	0,8	0,7	0,7	0,6

8.44. Supply of crop products to processing enterprises

(thsd.t)

	2002	2003	2004	2005	2006	2007	2008
Grain crops							
Supply, total	7783	7512	9389	8616	7829	8841	10628
from							
agricultural enterprises	3109	1861	3486	3310	2805	2669	4828
holdings of the population	224	120	94	70	80	58	42
other economic structures	4450	5531	5809	5236	4944	6114	5758
of the total volume, by type of crop							
wheat	4846	3760	4848	4340	4016	4981	5995
rye	700	638	567	456	367	249	322
corn	690	1607	2003	2065	1952	2224	2369
barley	1053	1029	1331	1231	1089	1034	1589
oats	100	123	141	90	70	112	111
millet	24	48	59	57	17	17	18
buckwheat	149	152	167	150	124	107	110
rice	13	21	18	18	19	32	22
leguminous crops	142	85	167	146	131	43	35
Sugar beets (including raw materials supplied by customers)							
Supply, total	12882	12086	14891	14197¹	21011¹	15597¹	12277¹
from							
agricultural enterprises	9218	9190	11409	10909	16367	12589	9668
holdings of the population	2911	2209	2703	2229	2336	1008	297
other economic structures	753	687	779	1059	1290	531	781

¹ Including own production of processing enterprises

LIVESTOCK BREEDING

8.45. Livestock and poultry population in 1915–2008

(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

8.46. Livestock and poultry population, by category of enterprises

(end of year; thsd. heads)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
All categories of farms											
Cattle	24623	17557	9424	9421	9108	7712	6903	6514	6175	5491	5079
of which cows	8378	7531	4958	4918	4716	4284	3926	3635	3347	3096	2856
Pigs	19427	13144	7652	8370	9204	7322	6466	7053	8055	7020	6526
Sheep and goats	8419	4099	1875	1965	1984	1859	1755	1630	1617	1679	1727
of which sheep	7896	3209	963	967	950	893	875	872	925	1034	1096
Poultry of all types, mln. heads	246,1	149,8	123,7	136,8	147,4	142,4	152,8	162,0	166,5	169,3	177,6
Agricultural enterprises											
Cattle	21083	13701	5037	4663	4194	3165	2691	2492	2294	1927	1720
of which cows	6192	4595	1851	1675	1402	1100	950	866	764	679	624
Pigs	14071	7152	2414	2907	3391	2273	2098	2602	3257	2870	2731
Sheep and goats	7166	2424	413	390	362	301	271	271	283	301	300
of which sheep	7164	2420	412	389	360	299	269	269	281	298	298
Poultry of all types, mln. heads	133,0	54,1	25,3	35,2	41,7	42,3	50,6	66,6	72,2	80,1	88,0
including farms											
Cattle	0	27	102	117	120	106	103	110	112	105	99
of which cows	0	16	36	40	38	36	36	38	38	38	37
Pigs	0	40	54	70	101	88	82	150	232	248	231
Sheep and goats	0	20	6	8	12	18	27	33	43	54	56
of which sheep	0	17	6	8	12	18	27	33	43	54	56
Poultry of all types, mln. heads	0,0	0,3	0,1	0,2	0,4	0,3	0,4	1,1	1,1	1,6	2,3
Agricultural holdings of the population											
Cattle	3540	3856	4387	4758	4914	4547	4212	4022	3881	3564	3359
of which cows	2186	2936	3107	3243	3314	3184	2976	2769	2583	2417	2232
Pigs	5356	5992	5238	5463	5813	5049	4368	4451	4798	4150	3795
Sheep and goats	1253	1675	1462	1575	1622	1558	1484	1359	1334	1378	1427
of which sheep	732	789	551	578	590	594	606	603	644	736	798
Poultry of all types, mln. heads	113,1	95,7	98,4	101,6	105,7	100,1	102,2	95,4	94,3	89,2	89,6

8.47. Livestock and poultry population in 2008, by region

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry
	total	of which cows			
Ukraine	5079,0	2856,3	6526,0	1726,9	177555,9
Autonomous Republic of Crimea	184,1	88,2	161,8	328,6	10903,8
oblasts					
Vinnitsya	364,8	192,6	358,1	37,4	9612,9
Volyn	228,4	135,3	309,3	16,0	5047,7
Dnipropetrovsk	149,2	88,3	452,2	57,5	16968,5
Donetsk	159,8	77,9	362,8	81,6	11516,1
Zhytomyr	257,4	159,2	174,3	23,0	5352,4
Zakarpattia	152,4	106,9	276,2	132,8	3384,4
Zaporizhzhya	120,0	67,1	303,8	48,5	5698,1
Ivano-Frankivsk	210,1	129,9	157,6	23,9	5150,6
Kyiv	176,5	93,3	427,0	27,6	20909,8
Kirovohrad	137,1	73,9	219,6	39,9	4255,3
Luhansk	122,8	64,6	115,6	60,8	5695,4
Lviv	299,8	177,7	258,7	21,0	7987,1
Mykolayiv	145,6	96,2	113,7	48,6	3742,0
Odesa	187,0	105,0	283,4	387,8	5408,6
Poltava	294,0	147,5	294,0	43,2	5434,6
Rivne	203,7	125,9	321,1	15,7	5055,0
Sumy	191,1	112,3	174,8	39,4	3602,3
Ternopil	205,8	120,3	305,5	11,5	4356,0
Kharkiv	198,9	101,5	210,9	59,0	8049,2
Kherson	140,6	85,6	178,7	66,7	3482,6
Khmelnyskiy	303,7	168,9	265,2	25,0	3744,5
Cherkasy	230,7	106,1	404,8	41,5	15400,6
Chernivtsi	144,2	75,0	175,0	55,7	3086,9
Chernihiv	271,3	157,1	221,9	34,2	3711,5

8.48. Output of basic animal products in 1940–2008

	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

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
All categories of farms											
Meat (slaughter weight), thsd.t	4358	2294	1663	1517	1648	1725	1600	1597	1723	1912	1906
of which											
beef and veal	1986	1186	754	646	704	723	618	562	567	546	480
pork	1576	807	676	591	599	631	559	494	526	635	590
poultry	708	235	193	239	300	324	375	497	589	689	794
Milk, mln.t	24,5	17,3	12,7	13,4	14,1	13,7	13,7	13,7	13,3	12,3	11,8
Eggs, mln.pcs	16287	9404	8809	9668	11309	11477	11955	13046	14235	14063	14957
Wool, thsd.t	29,8	13,9	3,4	3,3	3,4	3,3	3,2	3,2	3,3	3,4	3,7
Agricultural enterprises											
Meat (slaughter weight), thsd.t	3099	1107	438	352	447	530	514	588	736	919	980
of which											
beef and veal	1808	816	305	214	229	239	174	154	159	167	131
pork	894	203	91	68	94	124	107	111	162	222	211
poultry	357	65	36	67	120	162	229	320	413	527	635
Milk, mln.t	18,6	9,5	3,7	3,6	3,4	2,7	2,5	2,6	2,5	2,2	2,1
Eggs, mln.pcs	10126	4171	2977	3679	4983	5040	5531	6458	7633	7605	8471
Wool, thsd.t	26,5	9,7	1,3	1,2	1,0	0,9	0,8	0,7	0,7	0,7	0,8
including farms											
Meat (slaughter weight), thsd.t	0	7	8	7	9	12	11	14	25	40	46
of which											
beef and veal	0	3	6	6	6	7	6	6	6	9	7
pork	0	2	2	1	2	3	3	3	8	15	15
poultry	0	1	0	0	1	1	2	4	10	16	24
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	6	9	10	8	19	51	60	62
Wool, thsd.t	0,0	0,1	0,0	0,0	0,0	0,0	0,1	0,1	0,1	0,1	0,1
Agricultural holdings of the population											
Meat (slaughter weight), thsd.t	1259	1187	1225	1165	1201	1195	1086	1009	987	993	926
of which											
beef and veal	178	370	449	432	475	484	444	408	408	379	349
pork	682	604	585	523	505	507	452	383	364	413	379
poultry	351	170	157	172	180	162	146	177	176	162	159
Milk, mln.t	5,9	7,8	9,0	9,8	10,7	11,0	11,2	11,1	10,8	10,1	9,7
Eggs, mln.pcs	6161	5233	5832	5989	6326	6437	6424	6588	6602	6458	6486
Wool, thsd.t	3,3	4,2	2,1	2,1	2,4	2,4	2,4	2,5	2,6	2,7	2,9

8.50. Output of meat, by category

(slaughter weight; thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	4358	2294	1663	1517	1648	1725	1600	1597	1723	1912	1906
Beef and veal	1986	1186	754	646	704	723	618	562	567	546	480
Pork	1576	807	676	591	599	631	559	494	526	635	590
Mutton and goat meat	46	40	17	15	17	17	17	16	15	15	17
Poultry meat	708	235	193	239	300	324	375	497	589	689	794
Rabbit meat	30	19	14	14	16	14	14	13	13	13	13
Horse meat	12	7	9	12	12	16	17	15	13	14	12

8.51. Output of meat, by region

(slaughter weight; thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	4358	2294	1663	1517	1648	1725	1600	1597	1723	1912	1906
Autonomous Republic of Crimea	202	93	69	66	82	94	102	115	120	136	138
oblasts											
Vinnitsya	233	140	93	92	92	85	67	49	61	72	67
Volyn	108	54	43	44	45	53	55	59	69	78	86
Dnipropetrovsk	265	123	85	69	80	97	94	118	137	159	185
Donetsk	241	120	86	73	96	82	82	89	101	106	97
Zhytomyr	159	87	64	51	54	55	50	45	49	46	45
Zakarpattia	67	49	45	45	47	49	44	44	45	49	51
Zaporzhzhya	198	99	74	56	60	68	51	52	55	65	55
Ivano-Frankivsk	94	61	52	50	51	55	55	56	61	64	64
Kyiv	265	171	116	118	144	140	136	165	195	222	215
Kirovohrad	159	72	53	50	52	55	51	45	43	52	44
Luhansk	167	74	51	30	39	45	44	48	46	48	45
Lviv	181	85	69	73	77	82	83	82	90	99	106
Mykolayiv	151	59	49	28	28	30	29	28	27	32	29
Odesa	233	98	89	74	74	74	67	51	47	59	48
Poltava	225	122	67	56	55	56	42	40	48	54	44
Rivne	116	71	60	59	59	60	51	46	48	54	52
Sumy	154	91	68	63	66	65	61	56	56	44	42
Ternopil	123	74	48	44	47	51	45	40	40	40	38
Kharkiv	228	111	84	88	96	106	99	95	96	92	79
Kherson	168	80	56	43	46	51	38	40	41	44	43
Khmelnyskiy	156	108	74	78	80	78	69	48	48	49	45
Cherkasy	195	96	74	79	86	98	99	102	113	157	203
Chernivtsi	81	47	29	28	31	32	30	31	34	37	40
Chernihiv	189	109	65	60	61	64	56	53	53	54	45

8.52. Output of milk, by region

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	24508	17274	12658	13444	14142	13661	13710	13714	13287	12262	11761
Autonomous Republic of Crimea	890	518	403	424	434	409	375	347	337	360	363
oblasts											
Vinnitsya	1277	938	655	719	778	778	772	849	852	830	840
Volyn	848	564	458	510	512	503	522	551	546	509	485
Dnipropetrovsk	1263	922	522	528	558	508	493	494	474	416	381
Donetsk	1193	709	473	513	538	535	500	514	476	405	371
Zhytomyr	1124	862	656	665	694	692	710	732	728	640	614
Zakarpattia	375	352	360	373	389	393	438	396	395	397	394
Zaporizhzhya	992	583	354	355	383	363	376	384	376	317	304
Ivano-Frankivsk	571	544	523	547	559	566	571	576	570	539	495
Kyiv	1592	1010	679	720	764	695	710	693	613	541	506
Kirovohrad	871	546	385	385	397	398	392	395	390	366	346
Luhansk	887	506	318	352	377	384	398	409	371	349	319
Lviv	1084	961	1032	1051	1061	1000	959	930	892	813	731
Mykolayiv	743	527	347	387	432	425	445	432	413	379	369
Odesa	987	637	532	575	676	702	719	606	536	467	416
Poltava	1316	951	589	679	695	654	672	754	800	681	656
Rivne	766	576	436	454	484	472	510	502	499	472	456
Sumy	1025	719	480	512	512	498	502	498	487	457	454
Ternopil	808	655	506	523	524	490	490	485	470	452	424
Kharkiv	1271	812	540	586	658	625	561	567	531	487	489
Kherson	799	515	320	336	380	349	344	357	354	321	321
Khmelnyskiy	1087	906	657	729	767	731	759	722	689	639	625
Cherkasy	1010	727	499	538	560	506	504	519	516	502	494
Chernivtsi	474	365	333	348	361	364	366	368	361	344	328
Chernihiv	1255	869	601	635	649	621	622	634	611	579	580

8.53. Output of eggs, by region

(mln.pcs)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	16287	9404	8809	9668	11309	11477	11955	13046	14235	14063	14957
Autonomous Republic of Crimea	1117	551	447	495	582	548	548	582	609	652	699
oblasts											
Vinnitsya	683	394	349	366	381	416	426	570	639	648	711
Volyn	311	199	159	190	200	212	214	219	213	190	185
Dnipropetrovsk	1066	591	437	603	715	686	738	881	975	880	904
Donetsk	1287	574	854	885	1108	1098	1262	1389	1442	1320	1476
Zhytomyr	385	271	271	317	379	401	409	441	502	471	483
Zakarpattia	278	240	230	259	283	293	295	299	290	289	294
Zaporizhzhya	833	364	345	423	529	544	480	557	659	609	595
Ivano-Frankivsk	298	220	236	241	252	246	298	347	506	618	623
Kyiv	1456	975	787	796	1165	1187	1378	1463	1704	1785	1833
Kirovohrad	462	218	179	195	228	256	269	283	298	339	451
Luhansk	706	419	380	418	526	576	591	609	656	624	742
Lviv	729	446	466	486	514	516	517	548	563	542	548
Mykolayiv	457	219	164	186	220	225	237	314	327	337	386
Odesa	1151	800	657	670	711	688	684	684	618	515	504
Poltava	687	446	405	485	548	557	529	538	574	557	540
Rivne	262	177	194	211	293	302	308	328	331	356	364
Sumy	532	299	285	288	299	326	335	371	384	323	270
Ternopil	359	271	234	251	282	293	278	290	385	353	350
Kharkiv	1107	566	479	587	649	636	696	752	883	788	951
Kherson	393	205	190	217	280	220	232	250	261	277	441
Khmelnyskiy	419	181	160	158	175	182	172	193	219	353	303
Cherkasy	561	284	379	398	409	470	453	535	614	616	675
Chernivtsi	265	181	183	190	205	235	249	244	258	330	359
Chernihiv	483	313	339	353	376	364	357	359	325	291	270

8.54. Livestock and poultry productivity

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Average annual milk yield per cow, kg											
All categories of farms	2863	2204	2359	2709	2873	2887	3185	3487	3652	3665	3793
Agricultural enterprises	2941	1908	1588	2071	2199	2043	2475	2952	3083	3131	3366
Agricultural holdings of the population	2637	2722	2960	3068	3198	3220	3410	3643	3815	3804	3903
Average annual wool yield per sheep, kg											
All categories of farms	3,4	2,9	3,0	3,2	3,3	3,3	3,4	3,5	3,6	3,6	3,5
Agricultural enterprises	3,4	2,5	2,4	2,9	2,6	2,5	2,6	2,6	2,6	2,7	2,7
Agricultural holdings of the population	4,2	4,2	3,8	3,5	3,7	3,8	3,8	3,8	4,0	4,0	3,8
Average annual egg laying per hen, pcs											
Agricultural enterprises	214	171	213	235	246	254	271	274	271	275	278

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

(kg)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
All categories of farms											
Cattle	393	333	320	348	358	347	364	381	394	395	411
Pigs	127	105	101	121	123	111	109	112	113	110	109
Sheep and goats	36	34	40	41	43	44	45	44	46	50	50
Agricultural enterprises											
Cattle	393	326	311	346	356	339	356	375	390	383	403
Pigs	127	102	91	117	120	107	107	110	109	107	106
Sheep and goats	36	34	35	35	35	43	36	40	37	50	43
Agricultural holdings of the population											
Cattle	360	364	328	350	361	354	373	386	397	406	418
Pigs	157	147	116	133	138	125	125	138	131	122	126
Sheep and goats	38	41	42	42	44	45	46	44	48	51	53

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

(kg)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	2863	2204	2359	2709	2873	2887	3185	3487	3652	3665	3793
Autonomous Republic of Crimea	3467	2311	2503	2877	2981	3038	3229	3415	3606	3788	3880
oblasts											
Vinnitsya	2928	2312	2316	2665	2886	2953	3185	3658	3723	3867	4058
Volyn	2699	2044	2147	2532	2539	2586	2876	3239	3448	3467	3525
Dnipropetrovsk	2832	2068	2231	2743	3084	2857	3263	3710	3942	3763	3864
Donetsk	3066	2044	2399	3128	3266	3005	3120	4213	4238	4099	4190
Zhytomyr	2739	2200	2121	2332	2542	2660	3076	3358	3593	3456	3660
Zakarpattia	2647	2458	2554	2722	2627	2759	2901	2829	3038	3128	3246
Zaporizhzhya	2685	1809	2116	2615	2928	2933	3307	4100	4348	3914	4127
Ivano-Frankivsk	2533	2342	2475	2675	2725	2774	3007	3262	3439	3458	3475
Kyiv	3228	2493	2597	2918	3242	3240	3822	4262	4335	4456	4768
Kirovohrad	2690	1961	2553	2963	3059	3136	3322	3837	4027	4080	4185
Luhansk	2868	2019	2134	2644	2780	2984	3210	3724	4137	4422	4338
Lviv	2704	2419	3132	3198	3199	3146	3345	3590	3821	3816	3837
Mykolayiv	2585	2162	2037	2637	2903	2947	3322	3482	3543	3562	3608
Odesa	2651	1871	2263	2482	2925	3002	3250	3178	3506	3363	3520
Poltava	3167	2500	2352	2838	2931	2927	3321	3963	4353	4011	4113
Rivne	2769	2250	2131	2334	2434	2367	2857	3107	3240	3307	3423
Sumy	2842	2241	2271	2517	2624	2760	2945	3084	3229	3424	3744
Ternopil	2650	2311	2508	2753	2785	2757	3014	3107	3102	3194	3191
Kharkiv	2979	1980	2137	2624	2882	2935	3140	3537	3789	3877	4264
Kherson	2945	2027	2122	2734	3084	2866	3055	3301	3487	3454	3588
Khmelnyskiy	2760	2362	2383	2730	2877	2917	3256	3329	3324	3323	3446
Cherkasy	3185	2528	2389	2838	3085	3048	3354	3732	3866	4078	4271
Chernivtsi	3207	2445	2620	2910	3006	3043	3401	3645	3779	3817	3930
Chernihiv	2675	2110	2177	2473	2602	2667	2919	3159	3223	3352	3534

8.57. Livestock and poultry feeds used

(normative units)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
All categories of farms											
Fodder, total, mln.t	103,6	71,0	42,5	42,8	44,3	40,5	38,5	37,5	38,3	36,0	34,6
of which concentrated fodder	35,5	22,3	12,0	12,2	13,4	12,5	12,1	12,9	13,8	13,6	13,2
Fodder consumption per one conventional head, centner	32,5	30,3	29,6	31,1	31,4	30,5	32,1	32,4	32,8	31,9	32,2
Agricultural enterprises											
Fodder, total, mln.t	78,2	45,0	16,0	15,3	15,4	12,2	11,2	11,8	12,2	11,6	11,0
of which concentrated fodder	27,7	14,4	4,2	4,5	5,4	4,6	4,7	5,6	6,5	6,7	6,8
Fodder consumption per one conventional head, centner	32,5	29,0	25,5	28,4	28,9	26,2	28,5	30,2	29,4	28,2	27,8

8.58. Animal products supplied to processing enterprises

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Livestock and poultry (live weight)											
Supply, total	4609	1118	452	389	477	575	432	489	1088¹	1330¹	1247¹
from											
agricultural enterprises	4314	872	207	205	219	271	249	280	349	411	348
holdings of the population	295	236	238	176	248	297	178	200	244	289	197
other economic structures	—	10	7	8	10	7	5	9	29	54	57
out of the total by type											
cattle	—	828	342	301	393	440	314	335	378 ¹	433 ¹	332 ¹
pigs	—	132	74	51	70	113	99	108	199 ¹	285 ¹	235 ¹
poultry	—	44	17	27	3	10	10	38	505 ¹	604 ¹	669 ¹
Milk and dairy products											
Supply, total	17958	6066	3335	4376	3937	4413	5237	5689	5607	6039¹	5406¹
from											
agricultural enterprises	17943	5911	1790	2021	1893	1577	1650	1797	1831	1671	1719
holdings of the population	15	155	1515	2325	2025	2799	3528	3814	3392	3848	3340
other economic structures	—	—	30	30	19	37	59	78	384	510	338

¹ See the footnote to Table 8.44

HUNTING

8.59. Basic hunting indicators

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total hunting estates	...	719	841	872	854	928	954	868	865	886	921
Area of hunting lands, end of year, mln.ha	51,8	50,6	47,8	47,7	47,7	47,5	47,2	47,3	47,2	47,3	46,9
of which covered by hunting regulations	51,7	46,4	37,1	34,6	33,3	36,1	38,2	39,5	42,5	45,0	45,7
Total staff engaged in hunting	3652	4432	4965	5315	5388	5530	5767	5887	5818	6060	6361
Number of hunting animals, thsd. heads											
ungulates	254,6	237,3	177,8	177,3	179,7	184,8	187,6	195,0	197,1	208,0	218,1
fur animals	2134,2	2497,7	2416,4	2379,3	2466,5	2412,0	2335,0	2348,4	2290,4	2224,7	2278,3
furred game	5098,0	11794,6	9417,5	9436,7	9485,2	9037,8	9201,7	9280,9	9753,8	9647,1	10139,7
Expenditure on hunting management, mln. UAH ¹	14,8	640,7	20,8	26,4	30,6	34,9	44,5	58,1	70,4	93,1	121,2
including											
Expenditure on protection and reproduction of wild animals, including biotechnical measures	6,1	218,0	9,4	12,6	13,1	13,7	17,6	21,1	24,4	33,8	44,4
Expenditure on artificial breeding of game animals for placement in the wild environment	1,2	6,7	0,3	0,3	0,4	0,5	0,9	1,2	1,4	2,1	3,8

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

8.60. Total number of wild animals inhabiting in hunting areas

	1991	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ungulates, heads	271826	237279	177788	177301	179677	184804	187630	195005	197103	208009	218103
Elk	14796	9068	4771	4490	4377	4489	4596	4510	4396	4730	5042
Deer	24925	21342	15986	16032	15944	16734	16992	17606	17899	18480	19610
Wild boars	59757	47070	36181	36026	37390	38796	40351	43119	44808	48982	53084
Roe deer	172348	157035	118974	118740	119455	121666	122476	126267	126556	131831	136441
European bisons	...	659	426	432	405	375	325	303	306	258	269
Fallow deer	...	1331	1021	1160	1616	2217	2268	2692	2664	3143	3083
Mouflons	...	723	370	364	422	449	539	419	391	491	476
Koulans	...	51	59	57	68	78	83	89	83	94	98
Fur animals, thsd. heads	2194,9	2497,7	2416,4	2379,3	2466,5	2412,0	2335,0	2348,4	2290,4	2224,7	2278,3
Squirrels	59,5	55,8	59,5	61,5	62,5	60,8	58,6	62,1	61,1	61,8	64,1
Hares	1956,8	2062,6	1874,1	1827,6	1878,2	1857,3	1808,2	1789,8	1738,1	1659,2	1701,8
Martens	32,8	39,0	53,1	53,9	57,2	57,3	55,7	59,5	59,6	63,3	64,1
Foxes	82,9	87,1	116,3	106,4	104,3	88,2	84,3	87,8	85,6	80,4	77,8
Musk-rats	52,0	85,0	146,4	163,4	183,2	182,6	159,0	172,0	177,2	183,9	186,6
Minks	1,3	2,5	3,4	3,3	3,5	3,2	3,5	3,6	4,4	4,5	4,8
Beavers	7,6	9,3	15,0	15,8	17,8	19,1	19,7	23,4	26,5	30,8	35,4
Wolves	1,5	2,1	2,8	2,4	2,5	2,4	2,4	2,6	2,4	2,6	2,7
Brown bears	0,6	0,4	0,3	0,3	0,3	0,3	0,3	0,3	0,4	0,3	0,4
Wild rabbits	...	0,7	0,2	0,0	0,3	0,3	0,3	0,3	0,1	0,1	0,4
Steppe marmots	...	110,5	76,7	73,3	78,8	65,7	68,6	69,8	54,5	56,4	56,5
Raccoon dogs	...	8,2	9,9	10,1	10,6	9,7	10,1	10,6	11,0	10,5	10,9
Badgers	...	15,7	24,7	24,2	25,3	23,5	24,1	24,7	26,2	26,2	27,2
Otters	...	5,6	8,7	9,4	10,5	10,7	11,0	11,7	11,9	12,2	13,1
Black polecats	...	12,6	20,0	21,9	22,4	22,4	21,7	21,8	23,1	24,3	23,7
Forest cats	...	0,4	0,6	0,6	0,9	0,9	0,9	1,0	1,0	1,1	1,1
Lynxes	...	0,3	0,3	0,3	0,3	0,4	0,4	0,4	0,5	0,4	0,4
Ermines	...	...	4,4	4,9	7,9	7,0	6,2	7,0	6,8	6,7	7,3
Coypus	...	...	0,0	—	0,0	0,2	—	0,0	—	0,0	—
Furred game, thsd. heads	5112,6	11794,6	9417,5	9436,7	9485,2	9037,8	9201,7	9280,9	9753,8	9647,1	10139,7
Partridges	769,8	1026,4	1013,7	896,8	961,6	909,0	882,0	890,1	902,6	872,0	930,7
Wood grouses	4,4	4,0	3,8	3,8	4,0	4,3	4,3	3,8	3,9	3,6	3,8
Black grouses	16,4	17,1	13,3	13,3	12,8	12,3	12,8	12,7	13,7	13,3	13,0
Geese	238,7	730,5	162,2	168,8	217,0	130,5	98,4	103,7	124,1	109,8	100,9
Ducks	4083,3	4251,0	3125,3	3205,2	3062,0	2938,7	2984,9	2892,8	2907,4	2899,3	2932,8
Pheasants	...	406,3	271,2	272,4	290,5	289,6	278,0	281,6	282,3	305,0	292,8
Quails	...	602,3	799,3	849,8	886,8	830,6	809,0	927,9	1083,0	1053,1	1232,1
Hazel-grouses	...	13,0	16,4	17,2	18,3	19,2	20,0	21,6	22,7	22,5	23,2
Swans	...	15,0	55,1	27,3	28,6	24,1	26,4	21,9	21,0	18,2	20,2
Bittern	...	1675,5	1527,4	1634,3	1652,9	1584,0	1699,6	1667,1	1747,4	1744,1	1826,3
Sandpipers	...	1208,3	1018,0	839,1	864,9	785,7	904,7	938,4	1064,0	1045,5	1054,2
Pigeons	...	1845,2	1411,8	1508,7	1485,8	1509,8	1481,6	1519,3	1581,7	1560,7	1709,7

FORESTRY

8.61. Forest stock

(according to the data from the state recording of the forest stock as of 1 January 1996)

Area, thsd.ha	10782,2
of which forested area	9400,2
Woodiness, percent	15,6

8.62. Basic indicators of forestry operations

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Forestry products, operations and services (at current price), mln. UAH	...	...	744,4	824,2	946,8	1108,9	1594,6	1991,1	2451,1	2956,3	3382,7
of which logging products	...	...	...	696,8	824,3	970,9	1408,6	1747,9	2150,6	2576,2	2903,9
Marketable timber procurement, thsd.cub.m	12642	9741	11262	12022	12827	14266	15432	15244	15849	16884	15724
Main use felling	5755	4574	5236	5507	5833	6139	6488	6456	6828	7075	6997
Forest maintenance and reproduction felling and other activities	6887	5167	6025	6515	6994	8127	8944	8788	9021	9809	8727
Felling area, thsd.ha	536,4	504,2	455,1	570,3	443,4	465,2	468,7	464,7	468,2	476,2	425,3
Main use felling	27,8	20,3	22,2	23,2	25,1	26,1	27,4	27,1	28,1	29,4	28,4
Forest maintenance and reproduction felling and other activities	508,6	483,9	432,9	547,1	418,3	439,1	441,3	437,6	440,1	446,8	396,9
Collection of juice, t	...	...	4416,2	3921,9	3485,0	2575,0	2065,0	1622,1	1147,4	1012,5	270,4
Forest reproduction, thsd.ha	37,5	38,4	37,8	42,6	45,9	48,3	53,9	58,6	66,7	73,6	80,2
Reforestation	35,4	33,9	29,8	34,3	37,4	38,4	42,6	45,8	54,0	60,0	64,9
Natural reproduction	2,1	4,5	8,0	8,3	8,5	9,9	11,3	12,8	12,7	13,6	15,3
Forest crops transferred to the forested lands, thsd.ha	32,8	36,0	26,9	27,2	28,9	27,0	25,8	26,5	29,5	31,5	44,6
Remainder of the uncleaned areas, thsd.ha ¹	4,8	4,4	4,1	3,4	3,6	2,7	2,4	2,4	8,7	7,6	7,5
Remainder of timber on felling areas, thsd.cub.m	...	...	692,2	690,9	722,2	724,4	702,6	767,7	710,6	961,8	1024,6
Forest fires	2714	3758	3696	3205	6383	4527	1876	4223	3842	6100	4042
Forest areas suffered from fires, thsd.ha	2,4	3,5	1,6	3,8	5,0	2,8	0,6	2,3	4,3	13,8	5,5
Losses caused by fires, mln. UAH ²	1,1	178,5	1367,6	6204,3	3378,9	1817,5	428,7	3535,0	5917,6	188,4	58,8

¹ As of 1 May of the relevant year

² At current prices: in 1990, mln. KRB; in 1995, bln. KRB; in 2000–2006, thsd. UAH

AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

8.63. Forestry products, operations and services, by region

(at current prices; mln. UAH)

	1997	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	373,0	744,4	824,2	946,8	1108,9	1594,6	1991,1	2451,1	2956,3	3382,7
Autonomous Republic of Crimea	2,9	6,4	4,6	5,5	7,6	8,6	11,9	16,9	21,8	28,0
oblasts										
Vinnitsya	12,4	27,6	34,8	32,9	41,0	57,9	77,5	102,2	121,0	142,6
Volyn	25,5	26,8	45,5	51,8	53,6	75,1	96,2	118,0	148,9	166,5
Dnipropetrovsk	2,6	4,5	4,7	5,1	6,0	8,1	11,1	14,2	18,0	21,5
Donetsk	1,3	3,3	3,0	2,9	2,5	6,9	9,5	12,6	16,6	23,2
Zhytomyr	49,3	93,6	100,3	116,5	141,0	215,0	258,9	322,5	387,4	460,4
Zakarpattia	18,5	58,2	58,0	69,6	68,6	91,6	107,9	130,6	162,5	170,9
Zaporizhzhya	2,0	2,4	2,7	2,8	3,2	4,3	6,1	9,6	12,5	14,7
Ivano-Frankivsk	23,6	37,9	38,0	50,5	46,5	72,8	97,0	114,3	148,6	172,2
Kyiv	32,6	68,1	74,8	91,6	109,0	143,1	170,9	196,1	225,6	259,4
Kirovohrad	4,1	10,6	9,5	10,1	14,2	20,1	22,3	30,3	40,6	48,8
Luhansk	5,9	12,2	13,2	14,8	16,0	21,1	27,6	35,9	47,4	56,0
Lviv	27,2	62,7	63,2	67,7	83,9	128,8	157,5	193,4	235,4	242,3
Mykolayiv	3,2	3,4	3,9	4,4	1,8	6,9	9,7	14,1	18,2	21,0
Odesa	3,0	4,4	6,8	12,0	8,4	16,7	21,7	28,4	34,8	36,9
Poltava	8,2	20,2	17,6	19,2	23,3	35,9	47,9	59,0	62,1	80,4
Rivne	31,4	63,0	82,0	92,1	108,3	151,9	191,6	225,4	278,9	325,5
Sumy	18,1	34,0	43,5	50,8	65,1	91,6	114,5	168,1	189,9	217,3
Ternopil	5,9	18,2	15,9	16,0	22,2	33,5	37,5	46,9	56,1	61,2
Kharkiv	16,2	40,7	36,2	37,0	44,2	59,3	75,3	83,3	91,2	99,8
Kherson	3,0	3,7	3,9	5,4	8,3	15,3	19,8	25,0	43,2	37,0
Khmelnyskiy	16,6	33,3	37,1	46,6	61,8	83,1	98,1	116,8	124,5	137,2
Cherkasy	11,9	23,7	28,1	30,7	40,2	56,0	75,6	91,0	113,0	128,1
Chernivtsi	21,1	33,5	33,1	42,3	45,0	69,7	82,1	107,9	131,5	153,5
Chernihiv	24,5	48,1	58,7	62,8	78,6	109,3	142,5	167,9	197,9	233,8
cities										
Kyiv	1,6	3,3	4,5	4,9	7,0	10,3	17,7	18,0	25,3	40,1
Sevastopol	0,4	0,6	0,6	0,8	1,6	1,7	2,7	2,7	3,4	4,4

8.64. Forest felling in 2008, by region

(thsd.ha)

	Land area of forestry stock 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	10782,2	425,3	28,4	396,9	110,6	286,3
Autonomous Republic of Crimea	331,2	3,6	—	3,6	1,5	2,1
oblasts						
Vinnitsya	362,6	21,3	1,4	19,9	7,1	12,8
Volyn	697,3	36,1	2,2	33,9	7,1	26,8
Dnipropetrovsk	198,6	2,0	—	2,0	0,7	1,3
Donetsk	213,2	3,4	—	3,4	1,2	2,2
Zhytomyr	1089,5	51,7	4,6	47,1	15,6	31,5
Zakarpattia	694,0	23,5	1,2	22,3	6,8	15,5
Zaporizhzhya	121,9	1,9	—	1,9	0,4	1,5
Ivano-Frankivsk	626,0	21,1	1,3	19,8	5,2	14,6
Kyiv	746,0	28,2	2,0	26,2	7,9	18,3
Kirovohrad	167,8	4,6	0,1	4,5	1,2	3,3
Luhansk	340,0	10,8	0,2	10,6	3,4	7,2
Lviv	689,9	25,0	2,6	22,4	7,7	14,7
Mykolayiv	127,4	2,4	—	2,4	0,6	1,8
Odesa	260,0	4,8	0,1	4,7	1,1	3,6
Poltava	270,6	7,7	0,3	7,4	1,8	5,6
Rivne	845,9	43,6	2,8	40,8	6,9	33,9
Sumy	444,9	22,5	1,3	21,2	4,5	16,7
Ternopil	196,4	8,4	0,9	7,5	3,3	4,2
Kharkiv	419,4	10,0	0,2	9,8	2,6	7,2
Kherson	265,1	3,8	—	3,8	0,6	3,2
Khmelnyskiy	285,9	14,6	1,1	13,5	5,2	8,3
Cherkasy	345,0	18,7	0,9	17,8	5,5	12,3
Chernivtsi	258,0	15,0	2,3	12,7	5,7	7,0
Chernihiv	713,4	35,7	2,9	32,8	6,3	26,5
cities						
Kyiv	34,6	4,7	—	4,7	0,6	4,1
Sevastopol	37,6	0,2	—	0,2	0,1	0,1

¹ Data from the state recording of the forest stock as of 1 January 1996

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

(thsd.ha)

	1990	1995 ¹	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	508,6	475,6	432,9	547,1	418,3	439,1	441,3	437,6	440,1	446,8	396,9
Autonomous Republic of Crimea	5,2	4,5	4,8	4,6	4,5	4,6	4,0	3,9	3,5	3,6	3,6
oblasts											
Vinnitsya	22,1	26,0	22,7	128,8	22,7	21,8	23,5	23,2	21,1	21,5	19,9
Volyn	35,7	29,3	31,5	25,5	28,6	49,9	41,7	43,1	36,4	37,0	33,9
Dnipropetrovsk	4,9	4,2	3,9	5,1	2,5	2,4	2,4	2,4	2,1	2,1	2,0
Donetsk	8,6	6,4	3,4	4,2	2,4	2,7	2,7	3,2	3,6	3,9	3,4
Zhytomyr	44,7	47,6	39,5	39,5	42,2	42,9	45,7	47,1	51,1	50,1	47,1
Zakarpattia	25,1	14,0	18,6	19,5	23,8	26,2	26,4	27,8	24,6	26,4	22,3
Zaporizhzhya	1,6	1,4	1,5	1,8	1,5	1,6	1,5	1,6	1,7	1,8	1,9
Ivano-Frankivsk	34,6	28,6	36,7	15,1	23,6	20,7	20,8	17,9	19,2	24,2	19,8
Kyiv	31,9	41,7	27,4	24,7	28,5	28,9	32,0	32,3	30,9	29,2	26,2
Kirovohrad	5,5	5,2	4,1	7,5	6,0	7,2	5,3	4,9	4,8	4,6	4,5
Luhansk	11,8	7,9	10,5	10,2	10,7	9,9	8,9	8,6	11,1	10,2	10,6
Lviv	47,2	35,1	26,8	22,5	22,7	20,7	21,2	21,4	24,5	24,9	22,4
Mykolayiv	2,4	2,2	2,7	14,5	4,7	3,1	3,0	3,2	2,6	2,5	2,4
Odesa	5,4	6,1	4,3	29,0	3,3	3,2	5,3	5,7	5,8	5,6	4,7
Poltava	10,2	8,7	15,0	12,7	8,1	7,5	7,0	7,9	8,6	7,8	7,4
Rivne	45,3	34,4	45,3	44,3	43,5	43,2	46,4	45,6	45,3	46,3	40,8
Sumy	20,1	25,7	18,7	19,8	21,2	22,1	22,4	21,3	22,6	21,3	21,2
Ternopil	19,1	14,7	11,2	11,1	11,0	9,8	9,2	8,1	8,4	8,6	7,5
Kharkiv	22,4	18,6	9,5	12,4	13,0	14,5	14,6	15,5	14,9	14,9	9,8
Kherson	3,4	4,0	2,3	2,6	3,0	4,0	4,1	4,6	4,4	8,5	3,8
Khmelnyskiy	23,6	21,9	20,0	17,4	20,0	20,3	19,9	18,8	19,3	17,5	13,5
Cherkasy	26,4	24,5	17,6	20,1	19,8	21,0	21,6	20,8	19,8	19,4	17,8
Chernivtsi	14,6	16,0	12,8	11,8	12,7	11,2	12,7	11,6	11,9	13,4	12,7
Chernihiv	36,8	41,0	39,2	35,2	34,7	35,8	34,7	32,3	37,8	37,5	32,8
cities											
Kyiv	...	5,3	2,7	6,9	3,3	3,6	4,1	4,6	3,9	3,8	4,7
Sevastopol	...	0,6	0,2	0,4	0,3	0,3	0,2	0,2	0,2	0,2	0,2

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

8.66. Marketable timber procurement, by region

(thsd.cub.m)

	1997	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	10597,6	11261,7	12022,3	12826,8	14265,9	15431,6	15244,3	15848,6	16884,3	15723,7
Autonomous Republic of Crimea	45,0	54,4	50,8	51,8	63,4	58,7	60,1	57,7	63,0	71,9
oblasts										
Vinnitsya	451,3	438,2	573,8	447,8	528,1	609,4	624,7	649,4	722,5	690,2
Volyn	800,9	641,8	667,7	730,8	803,6	892,5	877,1	976,2	1023,2	907,3
Dnipropetrovsk	38,1	54,4	49,7	47,6	54,4	60,3	48,6	43,4	47,8	61,2
Donetsk	58,0	36,5	41,0	49,6	43,0	41,4	51,6	55,4	62,6	62,8
Zhytomyr	1411,3	1356,3	1414,2	1559,8	1936,7	2114,4	1977,7	2166,3	2206,4	2157,3
Zakarpattia	608,3	906,7	964,8	1055,2	968,9	1064,3	1032,3	1010,0	1117,2	953,4
Zaporizhzhya	13,7	21,6	16,8	16,0	19,1	15,6	18,0	21,2	21,4	23,2
Ivano-Frankivsk	466,3	518,0	467,4	583,1	682,1	747,7	784,6	826,3	950,5	864,7
Kyiv	640,4	950,1	1014,8	1157,6	1346,9	1360,7	1287,8	1252,6	1270,3	1210,2
Kirovohrad	85,2	101,2	144,0	175,9	201,6	229,8	213,8	206,4	213,3	202,7
Luhansk	324,9	205,6	206,5	228,3	202,8	182,3	152,4	170,7	182,2	181,7
Lviv	679,5	774,1	797,9	807,0	860,8	1034,6	1036,2	1126,9	1244,7	1165,9
Mykolayiv	29,0	34,4	89,3	51,7	43,6	37,9	36,3	44,8	45,3	33,5
Odesa	78,9	71,5	110,7	85,8	96,3	126,0	136,7	134,4	124,6	100,5
Poltava	206,4	386,7	300,6	252,3	257,3	310,3	328,1	337,7	333,0	324,7
Rivne	914,0	816,0	897,7	958,4	1045,9	1121,9	1191,3	1262,7	1341,9	1320,6
Sumy	627,4	640,2	739,5	837,1	900,2	930,0	902,9	987,4	977,6	954,9
Ternopil	204,8	243,7	251,3	245,2	268,0	287,7	260,5	278,5	288,6	262,5
Kharkiv	377,1	406,9	426,8	458,8	513,9	558,7	578,3	519,6	519,8	451,1
Kherson	97,7	68,6	66,4	82,3	136,4	140,9	146,5	128,3	370,2	155,3
Khmelnyskiy	495,8	520,4	528,4	588,1	666,2	718,2	718,6	709,3	665,3	590,2
Cherkasy	390,0	406,9	457,6	484,4	532,9	565,8	567,2	575,7	616,3	588,2
Chernivtsi	560,1	569,3	542,0	654,5	739,6	834,4	804,3	826,0	920,9	866,1
Chernihiv	900,1	938,0	1090,4	1107,5	1228,2	1260,0	1284,9	1369,4	1451,8	1400,1
cities										
Kyiv	89,1	97,8	109,2	108,0	123,8	126,3	122,2	110,4	101,7	121,4
Sevastopol	4,3	2,4	3,0	2,2	2,2	1,8	1,6	1,9	2,2	2,1

8.67. Forest reproduction, by region

(ha)

	1990	1995	2000 ¹	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	37458	38398	37806	42577	45854	48260	53889	58638	66690	73624	80230
Autonomous Republic of Crimea	935	323	89	110	79	17	37	47	520	1015	1006
oblasts											
Vinnitsya	1060	1025	1047	1045	1074	1061	1236	1322	1873	2613	3135
Volyn	1715	2690	3177	3723	3632	4002	4096	4744	5543	5795	4895
Dnipropetrovsk	441	805	529	656	602	330	398	436	814	1150	992
Donetsk	739	305	461	559	616	473	547	648	773	983	872
Zhytomyr	4179	4604	4621	4910	5214	5786	6674	7458	7972	8577	8875
Zakarpattia	2825	2348	2205	2677	2405	2372	2533	2747	2852	2772	3016
Zaporizhzhya	351	550	438	420	452	268	629	645	740	1260	1156
Ivano-Frankivsk	2227	2281	2039	2211	2125	2361	2527	2816	2978	2850	3195
Kyiv	3317	2881	2583	3380	3641	3970	4568	4169	3559	3681	3517
Kirovohrad	353	282	398	523	727	551	910	868	778	1218	1851
Luhansk	1103	1210	1756	2458	3722	3611	4342	4428	4668	5327	4181
Lviv	2556	2539	3126	3537	3834	4183	4003	4754	4411	4438	4841
Mykolayiv	1301	873	393	478	308	459	544	845	1182	1726	1844
Odesa	1204	1085	407	387	383	322	478	441	1610	2425	2705
Poltava	823	892	626	671	635	992	1179	1971	2151	2559	2686
Rivne	3077	3805	3466	2976	3270	3918	4558	4807	5903	6899	7611
Sumy	879	1322	1453	1388	1971	2071	2318	2185	2488	2599	3090
Ternopil	659	860	782	825	817	857	947	1136	1347	1397	1768
Kharkiv	966	892	1639	2221	2292	1924	1860	1799	2235	1760	1754
Kherson	1656	366	185	440	325	341	677	1212	1399	1592	5538
Khmelnyskiy	1171	1280	1231	1276	1467	1600	1752	2008	1889	1731	2673
Cherkasy	935	1096	1149	1180	1242	1223	1193	1219	1795	2090	2096
Chernivtsi	967	1311	1436	1611	1512	1687	2001	2195	2480	2220	2544
Chernihiv	2019	2590	2476	2734	3325	3625	3634	3524	4550	4795	4283
cities											
Kyiv	...	118	93	171	176	227	248	190	150	120	66
Sevastopol	...	65	1	10	8	29	—	24	30	32	40

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

8.68. Reforestation, by region

(ha)

	1990	1995	2000 ¹	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	35352	33896	29802	34267	37394	38353	42596	45855	54008	60051	64877
Autonomous Republic of Crimea	902	313	89	107	79	14	36	30	486	1011	967
oblasts											
Vinnitsya	1060	994	1008	1037	1049	1032	1191	1276	1812	2502	2852
Volyn	1508	2306	1776	1783	2140	2314	2592	3093	4158	4584	3522
Dnipropetrovsk	441	805	522	656	587	309	371	406	793	1116	938
Donetsk	739	290	403	531	593	461	497	583	682	924	809
Zhytomyr	4071	3983	3605	4027	4203	4398	4807	5308	5738	5845	5635
Zakarpattia	2081	1823	1687	1813	1770	1915	1882	1955	1999	1868	1977
Zaporizhzhya	351	550	438	420	452	268	629	624	740	1260	1153
Ivano-Frankivsk	2043	2132	1577	1639	1465	1638	1557	1699	1660	1465	1699
Kyiv	3317	2704	2121	2917	2958	3276	3800	3437	2847	2912	2670
Kirovohrad	353	282	389	516	723	541	893	844	741	1185	1797
Luhansk	1103	1210	1756	2458	3722	3611	4242	4160	4554	5161	4081
Lviv	2306	2112	2572	3007	3165	3271	3448	4138	4010	3691	3865
Mykolayiv	1301	867	292	357	275	385	483	666	1038	1537	1686
Odesa	1204	1085	352	374	383	321	460	389	1548	2399	2498
Poltava	823	786	552	598	564	738	953	1701	1846	2255	2278
Rivne	2929	2803	1868	1903	2112	2399	2717	2997	4242	5229	5692
Sumy	879	1247	1383	1323	1666	1818	2002	1921	2191	2279	2781
Ternopil	659	860	760	771	762	792	776	959	1232	1286	1667
Kharkiv	966	842	1587	2205	2262	1897	1825	1775	2190	1730	1701
Kherson	1656	366	105	323	252	295	379	578	856	1185	5458
Khmelnyskiy	1171	1201	1120	1160	1374	1476	1643	1884	1693	1518	2307
Cherkasy	935	1053	1020	1115	1151	1073	1005	949	1571	1827	1817
Chernivtsi	637	826	834	839	802	996	1321	1391	1416	1196	1406
Chernihiv	1917	2273	1903	2207	2705	2864	2856	2894	3789	3934	3523
cities											
Kyiv	...	118	82	171	172	222	231	174	146	120	58
Sevastopol	...	65	1	10	8	29	—	24	30	32	40

¹ In addition, in forests of Ukrzaliznytsya, Ukrainian Railway Corporation (Ministry of Transport and Communications of Ukraine), forest planting and sowing amounted to 11 ha in 2000

8.69. Forest protection operations

(end of year)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total area affected by pests and diseases, thsd.ha	343,5	420,5	443,7	506,9	694,3	693,2	753,2	602,6	542,1	492,6	496,6
Forest protection from pests and diseases, thsd.ha	304,6	289,6	174,3	169,5	169,9	225,3	250,3	234,8	183,4	180,0	121,5
of which											
by biological methods	278,0	228,5	159,1	159,1	153,5	183,2	162,2	188,6	159,8	159,0	98,9
by chemicals	26,6	61,1	15,2	10,4	16,4	42,1	88,1	46,2	23,6	21,0	22,6
Area of liquidated pests and diseases, thsd.ha	131,8	108,2	71,8	63,8	79,4	132,4	141,2	138,1	94,4	89,8	110,7
Death of forests, ha	4020	7468	8908	8861	11562	12071	9418	12085	12795	29897	18242
of which due to											
pests	48	536	388	272	392	618	598	860	1129	821	926
diseases	323	1252	1278	1726	2050	2456	3420	3294	4329	2793	3883
adverse weather conditions	2024	3484	6421	4187	6093	6784	4159	6064	5249	15272	9166
forest fires	1157	2031	696	2579	2913	2087	1051	1437	1864	10955	3819

8.70. Forest fires in 2008, 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	4042	5529	402829	58750,3	13507,0
Autonomous Republic of Crimea	153	164	379	1711,8	36,5
oblasts					
Vinnitsya	2	3	22	25,8	12,0
Volyn	11	5	880	11,5	5,6
Dnipropetrovsk	325	305	9499	405,3	138,2
Donetsk	302	217	244	199,6	7,9
Zhytomyr	200	170	—	177,0	—
Zakarpattia	4	15	263	34,5	34,5
Zaporizhzhya	258	263	2139	361,9	22,5
Ivano-Frankivsk	—	—	—	—	—
Kyiv	482	386	542	377,6	9,3
Kirovohrad	20	5	11	6,8	1,6
Luhansk	586	511	9022	1244,9	459,1
Lviv	2	4	—	4,6	—
Mykolayiv	67	83	39	832,4	42,1
Odesa	44	40	69	20,0	7,1
Poltava	89	185	43509	1088,5	98,6
Rivne	32	35	1027	36,1	17,6
Sumy	82	47	—	33,7	15,0
Ternopil	—	—	—	—	—
Kharkiv	380	1844	180057	36153,6	5223,2
Kherson	250	257	8925	1509,5	109,1
Khmelnyskiy	33	12	—	10,0	—
Cherkasy	181	43	—	98,0	—
Chernivtsi	—	—	—	—	—
Chernihiv	223	869	145437	14234,2	7266,1
cities					
Kyiv	274	41	—	37,0	—
Sevastopol	42	25	765	136,0	1,0

FISHING, FISHERY

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

(t)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	400191	350087	333363	293205	248176	225905	265585	228840	213669	224149
Inland water basins	67816	38210	38257	38011	37703	35365	37396	36701	43207	41182
of which freshwater basins	59391	38188	38257	38001	37699	35365	37388	36701	42625	40509
of which										
lakes	1871	693	880	760	987	1399	2660	2413	3167	2494
rivers	3020	1937	1804	2210	1800	1546	1806	1673	2242	2281
water basins (excluding herbivorous fish)	8828	8087	7926	7364	6855	6903	6781	6636	11087	9905
ponds and other water basins of fishing industries	43259	24970	25381	25845	26029	23995	24343	24479	23722	23362
Exeptional (sea) economic zone of Ukraine	30133	56990	134585	93030	55027	52467	61176	46799	46909	51390
Exeptional (sea) economic zone of other countries	279548	175033	151613	153324	140991	126834	149622	122374	123553	124021
Open section of the World Ocean	22694	79854	8908	8840	14455	11239	17391	22966	—	7556

¹ Since 2007 data are given including fish catching by natural person-entrepreneurs

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

(t)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Fish catch	363444	346699	310451	253847	222385	195067	234185	202231	198335	200165
herrings	311	73	141	173	138	182	270	300	324	506
sardines	64907	46874	28847	29815	24549	29873	38979	31845	34543	33471
sprats	10284	29422	45993	42575	28701	23494	31423	17214	15762	17644
sardelles	8077	9002	17268	13611	9422	7238	12563	8667	11999	11863
khamisa	18514	15356	13777	12026	11144	9136	5407	6151	8604	10048
caspian roaches, sea-roaches	2716	2421	2514	1338	1455	1232	1077	881	1222	776
pike-perch	781	1183	1717	1682	770	615	423	404	493	390
bream	2169	2209	3867	2858	2313	2081	1979	1967	2854	2908
grey mullet	252	5459	2738	2696	2156	4455	6035	6911	6143	5133
carp	25385	8519	8651	10683	9777	10054	10531	10322	11255	10671
silver carp	17466	15239	15253	14157	15612	13467	14705	14732	15249	14479
mackerel	56266	18357	9614	9840	9565	4236	2880	3880	2893	1713
horse-mackerel	50064	27734	32198	14402	28891	21756	25773	21614	25144	23854
bullhead	203	752	1437	3408	5921	10204	9607	8065	6273	7628
sanderling	188	372	266	343	236	376	380	631	1042	536
cod	13189	24637	17530	14702	2166	8492	1375	921	1282	169
others	92672	139090	108640	79538	69569	48176	70778	67726	53253	58376
Extraction of other water living resources	36747	3388	22912	39358	25791	30838	31400	26609	15334	23984
of which										
crustaceans	27302	10	14079	26864	17136	10965	14077	14137	24	7586
mollusks	8340	3353	8833	12491	8655	19867	17256	12439	15138	15999
aquatic plants	743	6	—	—	—	—	4	0	32	11

¹ See the footnote to Table 8.71

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

(t)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	400191	350087	333363	293205	248176	225905	265585	228840	213669	224149
Autonomous Republic of Crimea	102478	126698	89074	58562	47351	19679	34269	24095	25026	25265
oblasts										
Vinnitsya	3245	1824	1677	1826	1932	1493	1817	1731	1691	1675
Volyn	743	261	278	287	368	304	401	476	664	375
Dnipropetrovsk	4052	2717	2548	2482	2192	2083	1997	1630	1692	1592
Donetsk	7353	7777	9176	10351	8137	9233	10811	9650	8925	11124
Zhytomyr	1630	911	924	908	849	761	833	892	875	539
Zakarpattia	685	281	366	427	394	411	388	411	422	442
Zaporizhzhya	5028	3722	4625	4568	5087	8283	9668	7943	10291	10642
Ivano-Frankivsk	1169	357	366	430	444	481	551	552	603	558
Kyiv	4275	2002	2137	1762	1772	1596	1393	1220	2261	2483
Kirovohrad	889	1363	1307	1195	1224	1111	1128	1100	1291	1302
Luhansk	1072	1196	975	826	513	526	370	349	511	434
Lviv	2367	1312	1623	2450	1848	1977	1575	1653	1626	1486
Mykolayiv	5062	2944	2075	1780	1041	704	761	994	3377	2093
Odesa	68120	31512	19922	31491	26398	16030	23258	20309	15659	10098
Poltava	4698	3288	2925	3497	3358	2668	2163	3054	3459	3355
Rivne	927	504	567	472	506	576	601	531	713	646
Sumy	2860	1925	2090	2226	2008	2171	2329	1703	1681	1715
Ternopil	740	286	386	531	393	195	408	467	515	405
Kharkiv	1464	1025	856	1215	1301	952	987	1147	1010	1295
Kherson	5372	5816	5592	4997	6166	6274	6840	5971	5548	4865
Khmelnyskiy	1479	700	692	849	853	729	746	770	824	850
Cherkasy	5415	5175	5553	5118	5056	4489	4448	3787	4568	4834
Chernivtsi	450	522	563	543	469	492	464	562	366	423
Chernihiv	791	397	634	604	695	634	707	782	1158	1118
cities										
Kyiv	—	2240	22167	2907	—	—	—	—	—	42
Sevastopol	167827	143332	154265	150901	127821	142053	156672	137061	118913	134493

¹ See the footnote to Table 8.71

9. INVESTMENT AND CONSTRUCTION ACTIVITY

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

Capital investment is investment into fixed capital (fixed assets), into other non-circulation material assets; expenditures associated with the improvements to an object that lead to the increase in the potential economic advantages initially expected first of all from the employment of the object. It also has a rise in the sum for the original cost of fixed assets (capital repair of buildings, installations, machinery and equipment); investment into non-circulation, non-material assets and expenditures for producing the main herd.

Investment into fixed capital includes expenditures for capital construction (new construction, including the expansion of the operating enterprises, buildings and installations; their technical re-equipment and reconstruction; maintenance of production capacities); expenditures for the purchase of machinery and equipment without capital construction.

Investment in fixed capital includes expenditure for construction and assembly work of all kinds (including assembly of equipment); purchase of machinery, equipment, production tools, and economic stock; other capital operations and other expenditures.

Investment into fixed capital according to the restoration structure does not include expenditures for exploitation and deep test drilling for oil, gas and thermal waters, for design and survey operations for construction in the future years, cost of equipment that is

not included in the construction budget (rolling stock) if this is not stipulated by the design and budget documentation for technical re-equipment and reconstruction of an object.

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 type of economic activity they are focused on.

Data on industry are given according to the sum of 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.

Sums of taxes on value added are included into the components of capital investment and investment into fixed capital.

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

Construction enterprises are all enterprises whose principle type of economic activity is *Construction* according to the *Classification of Types of Economic Activity*, namely: preparation of construction sites, construction of buildings and structures, installation of engineering equipment for buildings and structures, work on completing construction, and lease of construction equipment operators.

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

INVESTMENT AND CONSTRUCTION ACTIVITY

Residential buildings includes dwelling (apartment buildings, cottages and higher comfort houses, apartment hotels, private houses) 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.).

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 investment

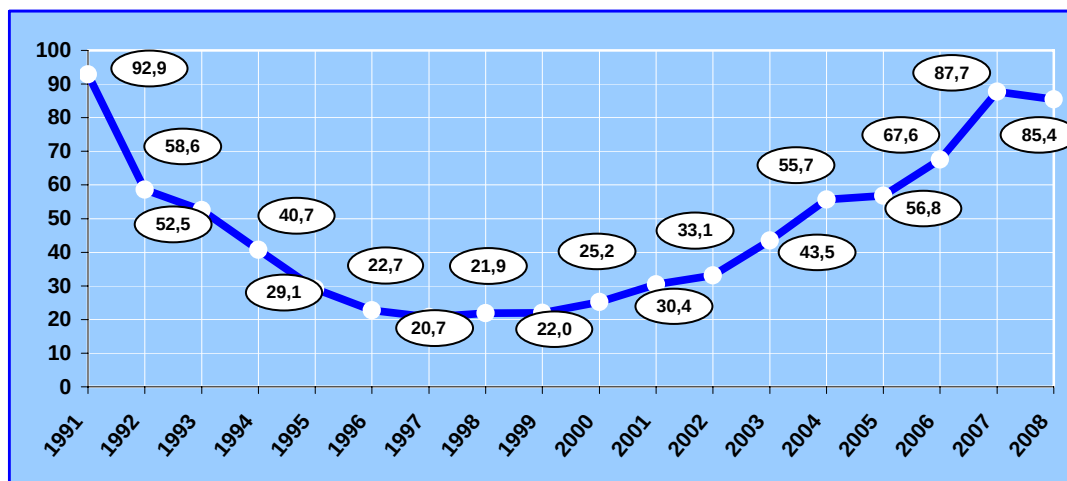
	2002	2004	2005	2006	2007	2008	2002	2004	2005	2006	2007	2008
	at current prices, mln. UAH						percentage of total					
Total	46563	89314	111174	148972	222679	272074	100,0	100,0	100,0	100,0	100,0	100,0
including investment into fixed capital	37178	75714	93096	125254	188486	233081	79,8	84,8	83,7	84,1	84,6	85,7
including major construction purchase of machines and equipment	20834	41885	50552	71518	109694	134655	44,7	46,9	45,5	48,0	49,2	49,5
expenditure on other non-circulation tangible fixed assets	16344	33829	42544	53736	78792	98426	35,1	37,9	38,2	36,1	35,4	36,2
expenditure on improvement of assets (major repairs)	704	1786	2928	2523	3454	4421	1,5	2,0	2,6	1,7	1,6	1,6
investment in intangible assets	4065	9221	11533	15966	23645	27491	8,7	10,3	10,4	10,7	10,6	10,1
expenditure on main herd formation	4223	2146	3040	4584	6389	6367	9,1	2,4	2,8	3,1	2,9	2,3
	393	447	577	645	705	714	0,9	0,5	0,5	0,4	0,3	0,3

9.2. Fixed capital investment

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
	KRB mln.	KRB bln.	UAH mln.								
Fixed capital investment (at current prices)	31114	937816	23629	32573	37178	51011	75714	93096	125254	188486	233081
	Percent										
Indices of fixed capital investment											
to 1990	100,0	29,1	25,2	30,4	33,1	43,5	55,7	56,8	67,6	87,7	85,4
to the previous year	101,9	71,5	114,4	120,8	108,9	131,3	128,0	101,9	119,0	129,8	97,4

9.3. Indices for fixed capital investment

(percent of 1990)



9.4. Fixed capital investment, by financing source

	1997	2000	2001	2002	2003	2004	2005	2006	2007	2008
At current prices, mln. UAH										
Total¹	12401	23629	32573	37178	51011	75714	93096	125254	188486	233081
including on account of the state budget	1043	1210	1749	1863	3570	7945	5077	6846	10458	11576
local budgets	436	975	1332	1365	2095	3544	3915	5446	7324	9918
own account of enterprises and organizations	9330	16198	21770	24470	31306	46685	53424	72337	106520	132138
foreign investment	133	1400	1413	2068	2807	2695	4688	4583	6660	7591
population for individual housing construction	1001	1176	1415	1573	1822	2577	3091	5110	8549	11589
population for owner-occupied apartments construction ²	...	...	...	...	...	...	...	7019	9879	9495
bank loans and other lending ³	...	391	1400	1985	4196	5735	13740	19406	31182	40451
other funding sources	458	2279	3494	3854	5215	6533	9161	4507	7914	10323
Percentage of total										
Total¹	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
including on account of the state budget	8,4	5,1	5,4	5,0	7,0	10,5	5,5	5,5	5,6	5,0
local budgets	3,5	4,1	4,1	3,7	4,1	4,7	4,2	4,3	3,9	4,2
own account of enterprises and organizations	75,2	68,6	66,8	65,8	61,4	61,7	57,4	57,8	56,5	56,7
foreign investment	1,1	5,9	4,3	5,6	5,5	3,6	5,0	3,7	3,5	3,3
population for individual housing construction	8,1	5,0	4,4	4,2	3,6	3,4	3,3	4,1	4,5	5,0
population for owner-occupied apartments construction ²	...	...	...	...	...	...	...	5,6	5,2	4,1
bank loans and other lending ³	...	1,7	4,3	5,3	8,2	7,6	14,8	15,5	16,6	17,3
other funding sources	3,7	9,6	10,7	10,4	10,2	8,5	9,8	3,5	4,2	4,4

¹ This data format is used since 1997² Account started from the report 2006 (before this period was a part of other financing sources)³ Observed since 1999

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.5. Fixed capital investment for restructuring in 2008,
by basic direction and type of economic activity**

(percent)

	Fixed capital investment according to restoration structure	Including for		
		technical re-equipment and reconstruction of the operating enterprises, buildings and installations	new construction (including the expansion of the operating enterprises, buildings and installations)	maintenance of operating capacities
Agriculture, hunting, forestry	100,0	74,7	24,4	0,9
agriculture, hunting and related services	100,0	74,9	24,2	0,9
Fishing, fishery	100,0	32,8	67,1	0,1
Industry	100,0	62,9	33,4	3,7
mining	100,0	53,0	26,9	20,1
manufacturing	100,0	69,3	30,7	0,0
production and distribution of electricity, gas and water	100,0	47,6	52,4	0,0
Construction	100,0	58,7	41,3	0,0
Trade; repair of motor vehicles, household appliances and personal demand items	100,0	50,9	49,1	0,0
Activity of hotels and restaurants	100,0	37,9	62,1	—
Activity of transport and communications	100,0	47,7	52,3	—

INVESTMENT AND CONSTRUCTION ACTIVITY

9.6. Fixed capital investment, by region*(at current prices)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
	KRB mln.	KRB bln.	UAH mln.								
Ukraine	31114	937816	23629	32573	37178	51011	75714	93096	125254	188486	233081
Autonomous Republic of Crimea	1411	25321	784	1208	1483	1913	2740	3375	4684	7007	8655
oblasts											
Vinnitsya	912	26203	365	555	635	857	1155	1693	2494	4136	4752
Volyn	507	11502	278	530	623	727	1064	1186	1839	2867	3489
Dnipropetrovsk	2594	104605	2252	2798	2919	4246	5906	7792	10737	14874	18063
Donetsk	2970	117774	2901	3711	3825	4846	7239	9598	11728	16898	22136
Zhytomyr	968	27769	256	327	539	609	854	1135	1546	2442	3646
Zakarpattia	501	8434	332	519	592	1021	1113	1115	2019	2642	3303
Zaporizhzhya	1521	47428	1190	1306	1529	2150	2745	3299	3896	6407	7459
Ivano-Frankivsk	689	37049	605	851	954	1130	1589	1683	2620	4006	5950
Kyiv	1375	45311	947	1323	1657	2918	3547	4519	7032	12658	16921
Kirovohrad	870	16575	271	417	507	699	1357	1285	1777	2482	3048
Luhansk	1768	52244	1030	1270	1392	1901	2941	4363	5538	9754	9000
Lviv	1264	36555	1061	1357	1807	2559	3634	4682	5875	8287	10799
Mykolayiv	921	25397	460	749	1037	1312	1963	2534	3118	3699	4333
Odesa	1538	39105	1348	2471	2609	3309	5137	5154	7339	10500	12484
Poltava	1177	44181	1438	1413	1831	2158	2887	3709	4760	6672	8840
Rivne	763	18476	365	584	702	1078	1937	1184	2144	2924	3672
Sumy	947	21131	597	981	966	931	1102	1441	1508	2435	3015
Ternopil	559	14509	199	274	319	456	632	890	1214	1979	2843
Kharkiv	1908	42149	1373	1955	2468	3554	5055	5775	7957	12051	11819
Kherson	818	16700	282	401	394	549	886	1077	1503	2322	3929
Khmelnyskiy	876	25701	455	568	727	901	1745	1461	2075	3135	4849
Cherkasy	897	24861	330	431	582	967	2408	2046	3304	4236	5128
Chernivtsi	416	9715	141	240	326	520	656	755	1451	2332	3733
Chernihiv	837	21544	431	552	587	825	1140	1333	1520	2422	3053
cities											
Kyiv	1952	71738	3809	5639	5906	8481	13859	19468	24858	38230	46574
Sevastopol	155	5839	129	143	262	394	423	544	718	1089	1588

INVESTMENT AND CONSTRUCTION ACTIVITY

9.7. Indices for fixed capital investment, by region

(percent)

	1990=100							To the previous year						
	2000	2003	2004	2005	2006	2007	2008	2000	2003	2004	2005	2006	2007	2008
Ukraine	25,2	43,5	55,7	56,8	67,6	87,7	85,4	114,4	131,3	128,0	101,9	119,0	129,8	97,4
Autonomous Republic of Crimea	17,2	33,5	41,4	41,8	50,9	64,8	62,3	93,8	123,6	123,5	100,9	121,7	127,4	96,2
oblasts														
Vinnitsya	15,5	28,6	33,6	40,7	52,7	74,5	68,8	109,9	128,3	117,6	121,1	129,5	141,4	92,3
Volyn	17,8	37,1	47,1	43,3	59,7	79,3	76,1	95,4	111,4	126,9	92,0	137,9	132,8	96,0
Dnipropetrovsk	24,1	35,6	43,5	47,7	59,2	71,8	70,7	123,5	138,0	122,1	109,7	124,2	121,2	98,5
Donetsk	27,1	38,3	50,1	55,5	60,7	76,5	79,1	107,4	120,8	130,7	110,8	109,3	126,0	103,4
Zhytomyr	8,0	15,0	18,2	20,5	24,7	33,8	40,5	103,4	109,7	121,3	112,7	120,6	136,9	119,8
Zakarpattia	19,1	47,3	44,1	35,8	55,4	62,2	60,3	120,1	167,7	93,2	81,1	154,8	112,2	96,9
Zaporizhzhya	23,2	34,5	38,7	38,9	40,9	59,3	53,7	101,8	134,5	112,2	100,5	105,1	145,0	90,5
Ivano-Frankivsk	46,0	67,1	81,7	70,8	95,9	127,6	145,8	159,7	113,7	121,7	86,6	135,4	133,1	114,3
Kyiv	19,7	46,3	49,6	52,1	70,4	106,7	111,0	118,2	165,2	107,2	105,1	135,1	151,6	104,0
Kirovohrad	10,0	20,9	35,9	27,8	34,8	42,0	40,8	100,6	132,0	171,9	77,4	125,2	120,8	97,1
Luhansk	17,6	28,5	38,7	47,5	54,3	84,1	61,4	106,6	131,1	135,7	122,7	114,3	154,8	73,0
Lviv	32,7	63,9	79,2	85,2	94,3	116,2	117,4	127,6	136,7	123,9	107,6	110,7	123,2	101,0
Mykolayiv	16,0	37,0	48,3	51,3	55,7	57,2	53,8	111,6	120,5	130,6	106,2	108,5	102,7	94,0
Odesa	28,0	52,8	71,7	58,7	72,8	89,7	82,3	140,4	121,6	135,8	81,9	124,1	123,2	91,7
Poltava	46,4	54,2	63,0	66,7	75,5	91,2	96,3	104,6	111,1	116,2	105,8	113,2	120,8	105,6
Rivne	16,1	36,6	57,1	29,5	48,2	56,3	56,2	82,6	145,5	156,0	51,7	163,4	116,9	99,9
Sumy	28,5	34,4	35,0	38,6	35,8	49,6	49,3	117,5	91,2	101,8	110,3	92,7	138,6	99,3
Ternopil	12,7	22,7	27,1	31,6	37,9	52,6	60,5	79,0	137,4	119,5	116,5	119,8	138,9	115,0
Kharkiv	25,9	52,8	66,1	63,0	77,7	102,7	78,5	138,0	137,0	125,2	95,3	123,4	132,2	76,4
Kherson	10,8	16,5	23,1	23,7	29,2	38,7	51,4	120,7	132,9	140,0	102,4	123,3	132,6	132,8
Khmelnyskiy	15,9	25,2	41,3	29,0	36,4	47,5	56,7	95,5	119,7	163,9	70,2	125,4	130,5	119,4
Cherkasy	14,9	34,7	77,7	53,1	76,6	85,4	80,6	89,0	158,5	224,0	68,4	144,3	111,5	94,4
Chernivtsi	9,9	29,1	31,9	29,7	49,3	65,1	81,7	103,6	152,3	109,6	93,0	166,0	132,1	125,5
Chernihiv	19,7	31,5	38,2	37,0	38,0	52,8	53,5	113,2	134,7	121,4	96,9	102,6	139,0	101,4
cities														
Kyiv	94,7	165,7	219,6	256,7	287,2	376,8	364,7	121,1	139,2	132,5	116,9	111,9	131,2	96,8
Sevastopol	30,1	73,9	64,6	65,8	77,8	94,8	105,0	166,7	143,6	87,4	101,8	118,3	121,8	110,8

INVESTMENT AND CONSTRUCTION ACTIVITY

9.8. Per capita fixed capital investment, by region*(at current prices; UAH)*

	1996	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	246,9	479,8	672,7	774,8	1070,9	1601,7	1983,9	2687,4	4068,4	5058,4
Autonomous Republic of Crimea	151,1	376,8	600,2	735,7	955,2	1376,2	1704,1	2375,6	3565,3	4415,1
oblasts										
Vinnitsya	179,8	203,5	313,5	362,3	493,1	671,3	993,8	1478,7	2473,5	2864,2
Volyn	132,6	263,6	500,4	591,1	693,4	1019,0	1140,1	1774,6	2771,3	3375,6
Dnipropetrovsk	349,5	611,4	782,9	824,0	1208,2	1694,2	2253,0	3128,9	4365,1	5339,2
Donetsk	321,3	591,7	765,0	798,7	1023,5	1545,6	2070,9	2555,8	3716,4	4911,7
Zhytomyr	219,6	180,3	234,7	390,2	445,4	631,1	848,4	1167,4	1861,2	2803,1
Zakarpattia	103,0	260,1	414,5	473,1	817,1	892,7	895,9	1625,5	2129,8	2663,7
Zaporizhzhya	340,7	599,2	676,7	798,2	1131,3	1457,0	1766,1	2102,6	3483,6	4084,3
Ivano-Frankivsk	177,9	418,7	605,8	680,1	808,3	1140,6	1212,3	1892,5	2900,4	4314,1
Kyiv	324,6	521,6	722,3	915,3	1625,1	1992,3	2559,6	4014,5	7281,2	9799,0
Kirovohrad	181,5	235,6	370,4	454,0	634,8	1249,9	1201,7	1686,3	2386,3	2967,5
Luhansk	234,4	393,3	495,3	552,5	764,7	1199,6	1802,7	2316,2	4126,1	3847,6
Lviv	196,7	394,3	518,3	695,8	989,5	1411,4	1825,8	2300,1	3255,4	4255,0
Mykolayiv	245,6	356,1	590,1	826,1	1053,7	1590,5	2070,8	2565,9	3064,4	3613,5
Odesa	193,5	543,2	1004,3	1067,8	1362,7	2129,8	2149,4	3073,6	4404,5	5240,2
Poltava	407,6	864,0	862,9	1137,6	1355,5	1834,5	2383,7	3091,0	4375,5	5853,0
Rivne	218,0	309,1	498,6	600,7	925,3	1667,8	1022,9	1856,9	2538,1	3192,0
Sumy	236,7	451,3	752,5	751,3	734,0	880,8	1168,8	1239,0	2026,2	2537,9
Ternopil	162,5	173,0	240,4	281,6	404,5	564,3	799,7	1098,1	1801,5	2602,3
Kharkiv	236,3	467,7	673,3	856,5	1241,8	1778,9	2045,6	2836,7	4321,9	4261,3
Kherson	150,3	232,2	340,4	338,2	475,6	775,8	952,6	1341,2	2090,3	3565,8
Khmelnyskiy	196,9	314,5	396,7	513,1	641,3	1254,0	1060,7	1521,1	2317,3	3611,4
Cherkasy	204,2	229,2	306,4	418,7	702,7	1769,3	1520,7	2481,8	3213,9	3926,1
Chernivtsi	116,4	150,8	258,4	355,8	569,4	720,4	832,4	1605,2	2584,5	4141,9
Chernihiv	230,9	338,5	444,2	479,4	683,1	958,9	1139,8	1320,0	2133,1	2725,9
cities										
Kyiv	402,5	1462,9	2186,7	2296,4	3275,6	5307,0	7378,5	9329,5	14223,0	17175,9
Sevastopol	138,5	332,8	377,3	695,2	1047,8	1123,5	1444,6	1904,8	2884,4	4203,2

INVESTMENT AND CONSTRUCTION ACTIVITY

9.9. Fixed capital investment, by type of economic activity

(at current prices; mln. UAH)

	2001	2002	2003	2004	2005	2006	2007	2008
Total	32573	37178	51011	75714	93096	125254	188486	233081
Agriculture, hunting, forestry	1617	1930	2141	3381	5016	7309	9519	16890
agriculture, hunting and related services	1552	1854	2054	3278	4905	7190	9338	16682
forestry and related services	65	76	87	103	111	119	181	208
Fishing, fishery	20	34	39	38	27	55	36	61
Industry	13651	15112	19726	28191	35031	44804	64341	76618
Construction	1109	1823	2502	4675	4929	6300	9107	12469
Trade; repair of motor vehicles, household appliances and personal demand items	1285	2019	3276	5322	7614	11655	17778	24695
trade in motor vehicles and motor-cycles, maintenance and servicing	215	326	419	671	1136	1970	2560	3291
wholesale trade and sale intermediation	653	1056	1907	3178	3922	5384	7586	11654
retail trade; repair of household appliances and personal demand items	417	637	950	1473	2556	4301	7632	9750
Activity of hotels and restaurants	469	446	677	1074	1508	1483	2614	3222
activity of hotels	257	171	416	568	751	611	1232	1511
Activity of transport and communications	7452	7004	10230	15015	16887	20329	31709	32558
activity of surface transport	3590	3121	4174	4685	5436	6666	11386	13366
activity of water transport	104	102	103	74	59	34	52	57
activity of air transport	35	64	134	269	107	82	305	160
additional transport services and auxiliary operations	1510	1269	2152	4336	2744	3655	7477	8065
activity of mail and communications	2213	2448	3667	5651	8541	9891	12489	10910
activity of communications	2154	2403	3635	5609	8486	9808	12407	10791
Financial activity	530	891	977	1245	1964	2386	4165	4636
Real estate transactions, renting, engineering and provision of services to businessmen	4545	5549	7716	11238	15334	24026	39415	48840
real estate activities	4243	5045	6985	9585	13790	21674	35661	43992
renting of machinery and equipment; hiring of household appliances and personal demand items	52	77	148	509	482	856	1380	2045
informatization activity	42	40	31	68	91	205	243	283
research and development	80	116	181	289	197	282	415	433
activity in legislation, bookkeeping operations, in engineering; provision of services to businessmen	128	271	371	787	774	1009	1716	2087
Public administration	328	449	792	1156	793	1054	1572	1819
Education	407	581	652	953	870	1164	1651	2322
Health care and provision of social aid	474	577	1053	1472	1297	1835	2518	3531
Provision of communal and individual services; cultural and sporting activity	686	763	1230	1954	1826	2854	4061	5420
sanitary services, street cleaning and refuse disposal	186	265	339	549	352	473	801	907
activity of public organizations	55	62	61	96	122	190	96	205
cultural, sporting, recreational and entertainment activities	429	398	795	1255	1195	2014	2894	4054
provision of individual services	16	38	35	54	157	177	270	254

INVESTMENT AND CONSTRUCTION ACTIVITY

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

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008
Total	120,8	108,9	131,3	128,0	101,9	119,0	129,8	97,4
Agriculture, hunting, forestry	153,3	116,6	105,0	139,1	125,8	133,9	118,4	142,3
agriculture, hunting and related services	157,9	116,8	104,8	140,6	126,8	134,6	118,2	143,2
forestry and related services	90,6	113,4	109,9	103,3	93,0	101,5	127,0	93,6
Fishing, fishery	242,1	160,4	112,0	87,1	61,2	185,8	57,9	105,8
Industry	113,3	106,0	124,6	124,9	104,1	115,3	127,0	94,7
Construction	93,2	156,6	129,8	157,6	84,9	115,5	128,6	106,0
Trade; repair of motor vehicles, household appliances and personal demand items	154,0	151,3	154,8	142,2	118,0	134,9	130,8	109,0
trade in motor vehicles and motor-cycles, maintenance and servicing	116,3	150,6	120,7	140,3	137,6	153,5	112,5	98,6
wholesale trade and sale intermediation	151,1	153,3	173,7	146,8	104,3	123,7	124,5	121,1
retail trade; repair of household appliances and personal demand items	190,7	148,6	142,6	134,3	138,0	144,2	148,0	98,9
Activity of hotels and restaurants	123,4	90,2	143,8	132,9	113,7	83,1	145,3	96,1
activity of hotels	138,2	113,9	233,2	114,9	107,8	68,4	168,1	92,1
Activity of transport and communications	140,5	89,3	140,5	128,0	94,4	107,2	133,5	82,4
activity of surface transport	156,8	82,3	126,9	96,7	98,7	109,6	148,9	94,6
activity of water transport	141,4	92,5	100,4	59,9	69,6	55,6	127,8	87,0
activity of air transport	206,1	172,8	207,3	176,2	34,9	71,5	342,8	39,6
additional transport services and auxiliary operations	128,0	79,7	165,7	177,4	50,5	113,1	165,4	86,4
activity of mail and communications	126,6	106,5	144,8	134,1	129,2	104,7	110,7	70,6
activity of communications	127,1	116,9	146,3	134,3	129,3	104,4	110,9	70,3
Financial activity	84,7	162,5	102,6	112,3	135,5	112,5	159,5	88,2
Real estate transactions, renting, engineering and provision of services to businessmen	108,8	115,3	133,5	119,1	110,2	130,7	133,4	94,2
real estate activities	107,1	112,3	133,1	112,4	114,6	129,5	132,3	92,9
renting of machinery and equipment; hiring of household appliances and personal demand items	138,3	137,6	182,8	291,7	85,4	169,4	147,0	121,0
informatization activity	157,1	92,3	69,7	190,7	117,6	213,2	104,2	91,4
research and development	197,1	142,9	156,1	137,2	59,9	131,2	126,5	90,8
activity in legislation, bookkeeping operations, in engineering; provision of services to businessmen	129,6	215,9	129,1	181,6	85,5	118,1	150,8	95,1
Public administration	97,8	123,9	172,9	126,3	57,9	119,6	128,9	94,1
Education	138,9	130,8	109,4	127,2	75,7	114,7	117,8	110,3
Health care and provision of social aid	116,1	112,0	171,6	122,6	73,3	124,3	117,5	113,0
Provision of communal and individual services; cultural and sporting activity	136,4	104,1	153,3	136,5	69,1	138,3	125,9	102,5
sanitary services, street cleaning and refuse disposal	94,6	137,5	122,3	135,0	47,3	115,6	156,1	89,7
activity of public organizations	88,6	110,8	91,9	132,8	87,7	135,0	44,7	160,1
cultural, sporting, recreational and entertainment activities	192,0	84,5	191,3	137,8	71,0	150,2	125,8	106,7
provision of individual services	83,3	238,3	87,2	128,6	211,3	98,2	131,8	75,0

INVESTMENT AND CONSTRUCTION ACTIVITY

9.11. Fixed capital investment, by industrial activity

(at current prices; mln. UAH)

	2001	2002	2003	2004	2005	2006	2007	2008
Industry	13651	15112	19726	28191	35031	44804	64341	76618
Mining	4234	3819	4523	6345	8107	8594	12142	16767
mining of fuel and energy minerals	3523	3140	3539	4930	6061	6180	8581	10984
mining operations apart from fuel and energy minerals	711	679	984	1415	2046	2414	3561	5783
Manufacturing	7084	8433	11659	16663	22399	30113	44823	48976
production of foodstuffs, beverages and tobacco products	2187	3086	4109	5016	6418	8290	11830	13130
light industry	161	146	266	360	493	409	479	440
textile industry, sewing of clothes, fur and fur articles	129	118	198	271	344	290	348	365
production of leather, leather articles and other materials	32	28	68	89	149	119	131	75
wood working and production of wood products apart from furniture	108	173	207	375	610	754	965	768
cellulose and paper industry; printing	352	678	536	747	843	1292	1876	2558
production of coke and refined petroleum products	771	572	1056	1397	1979	1910	2137	2094
chemical and petrochemical industry	700	798	848	1688	2376	2638	3666	5107
production of chemicals	583	583	615	1107	1668	1613	2403	3500
production of rubber and plastic products	117	215	233	581	708	1024	1263	1607
production of other non-metallic mineral products	322	412	697	1258	1537	3753	6606	7046
metallurgy and production of finished metal products	1422	1366	2032	3282	5575	6971	11234	10503
engineering	940	1024	1646	2268	2251	3653	5340	6189
manufacture of machinery and equipment	395	448	573	829	831	1274	1714	1786
manufacture of electrical, electronic and optical equipment	289	297	509	660	696	1031	1295	1924
manufacture of transport vehicles and equipment	256	279	564	779	724	1348	2331	2479
other manufacture n.i.e.	121	178	262	272	317	443	690	1141
Production and distribution of electricity, gas and water	2333	2860	3544	5183	4525	6096	7376	10875

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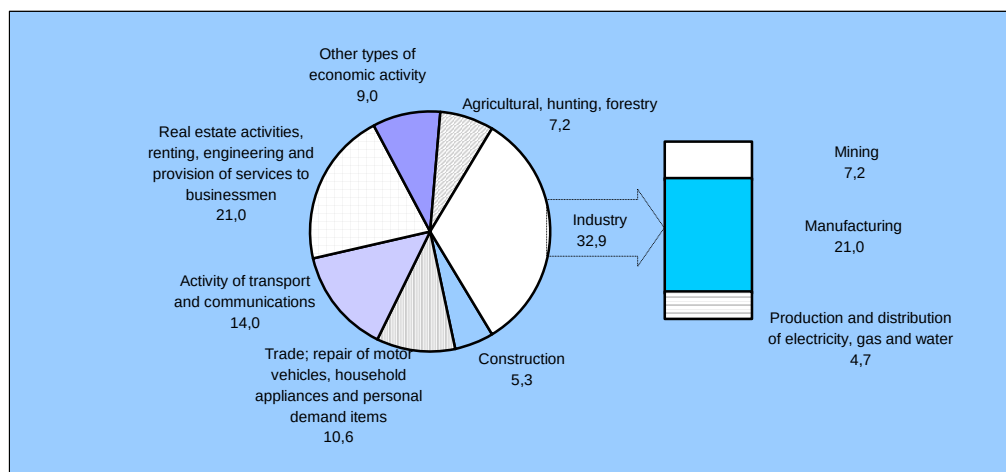
9.12. Indices for fixed capital investment, by industrial activity

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008
Industry	113,3	106,0	124,6	124,9	104,1	115,3	127,0	94,7
Mining	107,1	87,4	111,8	120,9	104,0	93,7	125,1	109,0
mining of fuel and energy minerals	114,5	86,2	106,2	119,8	100,1	88,9	121,2	100,6
mining operations apart from fuel and energy minerals	81,3	92,9	137,1	124,8	117,0	107,7	134,6	127,1
Manufacturing	118,0	113,8	132,5	126,0	114,1	122,7	132,0	88,1
production of foodstuffs, beverages and tobacco products	110,6	134,8	128,5	107,9	109,6	119,5	127,5	90,4
light industry	89,2	86,7	174,3	121,6	119,2	75,8	104,0	76,2
textile industry; sewing of clothes, fur and fur articles	92,8	87,4	160,2	122,3	111,9	77,4	105,6	87,2
production of leather, leather articles and other materials	76,8	83,9	234,3	119,5	140,7	72,0	100,1	46,9
wood working and production of wood products apart from furniture	160,0	156,3	115,2	161,7	141,1	113,8	106,8	68,6
cellulose and paper industry; printing	138,9	189,3	75,4	123,1	99,8	142,1	132,0	112,6
production of coke and refined petroleum products	162,4	72,2	171,7	116,0	112,5	86,0	94,7	73,2
chemical and petrochemical industry	128,5	112,1	101,4	171,2	121,1	101,8	124,4	112,5
production of chemicals	129,3	96,9	102,3	155,5	128,1	88,4	133,4	115,7
production of rubber and plastic products	124,5	190,1	99,2	213,2	107,6	132,9	110,4	106,6
production of other non-metallic mineral products	142,0	124,8	158,3	160,3	104,2	220,2	153,9	85,0
metallurgy and production of finished metal products	105,1	91,6	141,7	143,3	141,3	111,8	143,6	73,5
engineering	109,1	106,1	154,7	120,4	86,2	149,6	130,3	94,1
manufacture of machinery and equipment	112,3	109,8	122,3	127,0	87,5	142,6	117,1	88,1
manufacture of electrical, electronic and optical equipment	135,4	101,5	170,3	110,1	92,0	137,4	113,3	118,9
manufacture of transport vehicles and equipment	87,0	105,2	189,8	123,3	80,1	169,4	156,4	84,4
other manufacture n.i.e.	148,4	136,3	144,3	91,0	99,1	128,3	138,0	132,7
Production and distribution of electricity, gas and water	111,5	116,1	119,2	126,4	72,7	114,8	103,2	115,4

9.13. Structure of fixed capital investment in 2008, by type of economic activity

(percent)



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9.14. Selected production capacities put into operation

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Power plants, thsd. kW ¹	282,5	2,6	11,7	36,6	32,1	39,4	5,2	345,5	1,4	152,0	475,3
Electric lines, km, with the voltage of											
35 kV and more	1939	372	138	50	420	274	96	131	118	394	112
6–20 kV	5645	678	447	272	254	143	189	191	139	162	286
0,4 kV	10270	2862	1123	753	880	946	800	1046	1002	1117	1126
Step-down transformer substations with the voltage of 35 kV and more, thsd.kV·A	3685,0	239,2	190,8	166,5	73,0	100,6	2287,6	275,3	21,3	792,3	110,2
Main gas pipelines and branch pipes, km	207	425	355	209	414	356	403	403	302	186	102
Wells, units											
oil	41	22	48	58	50	46	35	42	30	47	24
gas	27	98	88	100	92	61	69	63	57	60	54
Coal mining capacities, thsd.t	4870	100	300	100	—	370	—	—	—	—	—
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	4,6	30,0	0,2	60,0	22,0	43,5	—	87,0
varnish and paint, thsd.t	—	40,0	4,0	1,3	4,6	4,2	16,0	6,1	0,5	25,7	0,4
granulated sugar ² , thsd. centners of processed beets per day ³	13,0	—	—	—	—	0,4	4,0	0,3	—	—	—
meat, t per shift ³	19,0	56,8	31,1	22,8	25,5	9,2	0,4	20,4	36,0	13,7	84,4
whole milk products, t per shift ³	334,2	218,6	37,1	31,0	70,0	11,4	—	7,1	16,4	13,4	5,6
cheese, t per shift ³	1,7	0,6	5,0	2,5	40,1	0,5	0,5	1,2	20,3	5,3	25,9
vegetable oil, t processed oil seeds per day ³	6,5	6,2	1072,7	83,0	106,5	3,5	442,9	503,4	21,9	75,1	1152,2
canned fruits and vegetables, mln. conventional cans	33,2	26,8	11,5	50,3	0,02	25,9	0,5	11,0	—	6,1	10,1
Automated telephone stations, thsd. numbers											
urban	295,8	279,3	241,1	321,1	506,6	712,3	783,5	727,8	516,1	422,1	210,3
rural	—	22,1	47,8	55,4	81,0	76,4	85,3	111,6	88,5	55,2	15,5
Public roads with hard coating, km	2532	455	194	134	77	73	133	101	100	159	111

¹ 2006 and 2007, megawatt

² Since 2003, sugar and related products

³ Since 2003, thsd.t per year

INVESTMENT AND CONSTRUCTION ACTIVITY

9.15. Agricultural production objects and capacities put into operation

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Premises for livestock (including mechanically operated barns), thsd. places											
cattle	207,9	36,8	6,0	6,5	2,4	3,1	3,3	1,2	4,0	2,4	1,5
pigs	128,5	21,6	5,3	12,2	3,5	4,9	10,5	10,0	10,4	7,0	8,8
sheep	28,0	3,4	0,7	—	0,4	—	—	—	—	1,0	0,4
Irrigated areas, thsd.ha	44,3	4,5	0,01	0,2	0,2	0,5	0,3	0,1	0,3	2,5	5,3
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	42,8	53,2	46,0	60,2	53,2	52,6	27,7	33,6
Storehouses for potatoes, fruit and vegetables, capacity in thsd.t	220,9	18,0	9,6	5,5	0,2	1,1	1,6	12,7	5,0	9,5	8,2
Silage and hay installations, thsd.cub.m	1449,7	78,0	17,4	5,6	20,8	7,3	5,0	—	—	—	10,3
Automated storehouses for fertilisers, pesticides, microbiological agents and lime compounds, capacity in thsd.t	285,9	13,1	0,6	0,03	0,2	2,5	31,5	0,3	0,1	0,03	0,0

9.16. Basic indicators for construction

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Sale of construction products (at current prices), mln. UAH	13095,8	16049,5	19853,3	29174,1	46425,7	51482,0	71913,8	107174,9	128298,8 ¹
Fixed construction assets (at current prices; end of year), mln. UAH	15462	16927	17312	18256	20421	24682	29278	40074	52084
Cost efficiency of construction enterprises, percent	1,3	3,5	1,2	2,2	2,1	2,2	3,1	2,6	-1,8
Share of loss-making construction enterprises, percent	40	37	38	36	34	34	32	32	37 ¹
Average annual number of employees engaged in construction, thsd.	697,0	653,0	630,5	633,6	655,7	657,9	667,9	679,2	672,9
Average monthly nominal wages of construction employees, UAH	230,17	300,55	356,46	443,85	582,16	751,19	958,01	1236,30	1535,52

¹ Without taking into account the changes of the major type of activity of enterprises

INVESTMENT AND CONSTRUCTION ACTIVITY

9.17. Indices for the performed construction operations, by region

(percent)

	1990=100							To the previous year						
	2000	2003	2004	2005	2006	2007	2008	2000	2003	2004	2005	2006	2007	2008
Ukraine	11,5	14,1	16,6	15,5	17,0	19,6	16,5	100,4	126,5	117,2	93,4	109,9	115,6	84,2
Autonomous Republic of Crimea	7,5	8,7	10,3	10,1	12,1	13,7	10,8	73,0	122,2	119,1	98,1	119,7	113,0	78,6
oblasts														
Vinnitsya	9,8	14,8	18,7	16,0	18,4	22,0	14,9	94,5	148,5	128,5	85,4	115,2	119,2	68,0
Volyn	6,2	9,2	9,6	9,8	12,2	13,4	10,6	102,6	137,4	108,3	102,4	123,8	110,1	79,2
Dnipropetrovsk	8,7	7,7	10,0	8,8	9,1	10,2	7,8	88,2	120,5	132,4	87,2	104,2	111,7	76,9
Donetsk	10,5	11,0	13,7	13,0	14,5	18,6	16,1	101,6	122,4	125,9	95,0	111,8	128,2	86,3
Zhytomyr	6,5	7,6	8,1	8,4	7,8	8,8	7,7	92,1	141,7	104,6	104,1	92,2	113,7	87,7
Zakarpattia	13,2	16,0	20,9	14,2	14,6	13,1	12,2	94,7	144,9	153,9	67,9	103,0	89,8	93,2
Zaporizhzhya	10,8	9,1	10,3	8,9	8,7	8,2	7,0	83,7	122,8	115,3	86,4	97,1	94,5	85,6
Ivano-Frankivsk	14,7	14,2	16,0	17,3	18,5	19,0	17,5	122,2	114,6	114,4	108,2	106,9	102,4	92,1
Kyiv	10,0	16,4	20,0	17,0	17,9	19,0	15,7	99,6	146,8	122,1	85,0	104,9	106,3	82,7
Kirovohrad	5,6	7,4	11,7	9,0	10,9	9,6	8,6	88,6	122,9	165,6	77,0	120,7	88,2	89,2
Luhansk	6,6	7,2	7,7	7,8	8,0	8,1	5,6	80,1	113,0	108,4	101,0	102,9	100,5	69,3
Lviv	15,7	18,3	19,9	15,8	19,6	22,0	18,1	113,9	128,0	108,6	79,3	123,8	112,3	82,2
Mykolayiv	8,5	13,2	13,9	13,0	14,4	13,8	10,9	96,3	127,3	104,5	93,7	110,5	96,1	79,2
Odesa	13,9	15,1	15,8	15,6	17,2	19,1	15,3	119,5	127,9	106,1	98,7	110,3	111,2	80,2
Poltava	17,6	14,9	15,5	14,9	14,7	15,6	14,4	86,9	113,5	104,4	96,2	98,7	105,8	92,2
Rivne	10,9	17,2	20,2	13,2	13,1	13,6	12,0	74,3	138,5	123,2	65,4	99,0	104,0	88,0
Sumy	11,1	10,4	11,3	11,5	11,8	15,0	12,2	116,2	100,3	112,0	101,7	102,2	127,4	81,6
Ternopil	8,5	15,0	18,4	19,9	20,9	22,3	21,3	106,2	142,0	118,3	108,4	104,6	106,7	95,9
Kharkiv	10,4	11,8	13,2	11,2	13,1	14,4	13,7	99,4	122,4	114,5	85,0	116,8	110,2	95,0
Kherson	4,8	6,4	7,4	6,1	6,6	7,6	7,2	80,1	146,5	123,6	82,0	108,3	114,4	95,7
Khmelnyskiy	7,3	10,7	12,6	9,6	11,2	13,5	12,3	85,0	129,1	117,8	76,3	116,6	120,2	91,5
Cherkasy	7,1	11,2	17,5	12,3	12,1	14,4	11,7	88,9	158,6	160,7	70,4	97,9	119,5	81,3
Chernivtsi	8,4	21,7	24,2	24,4	31,4	34,0	37,0	99,4	144,5	117,9	100,8	128,8	108,5	108,6
Chernihiv	11,3	15,2	15,5	13,8	14,7	20,4	14,9	114,9	136,9	103,4	89,3	106,5	138,4	73,0
cities														
Kyiv	27,0	40,7	45,8	48,3	53,6	67,5	57,0	127,4	125,4	113,1	105,5	110,9	125,9	84,5
Sevastopol	6,9	16,3	17,7	16,2	16,5	20,6	21,3	57,3	117,4	100,0	91,6	101,9	124,5	103,4

INVESTMENT AND CONSTRUCTION ACTIVITY

9.18. Indices for the performed construction operations, by type of activity

(percent of the previous year)

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

9.19. Performed construction operations, by type of activity

(percent)

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

INVESTMENT AND CONSTRUCTION ACTIVITY

RESIDENTIAL, SOCIAL AND CULTURAL CONSTRUCTION

9.20. Fixed capital investment in residential construction, by region

(at current prices; mln. UAH)

	1996	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	2443	3404	4132	4729	6190	8762	12017	18581	30343	35533
Autonomous Republic of Crimea	117	108	132	150	158	232	451	704	1484	1838
oblasts										
Vinnitsya	63	61	99	143	174	276	473	643	901	1102
Volyn	47	62	80	85	94	134	204	315	453	611
Dnipropetrovsk	162	241	221	257	264	384	564	761	1085	1185
Donetsk	238	147	156	177	203	348	442	638	988	1343
Zhytomyr	63	36	38	41	60	83	127	227	383	471
Zakarpattia	56	79	101	80	111	121	201	505	779	981
Zaporizhzhya	135	57	54	57	85	154	184	243	561	704
Ivano-Frankivsk	52	90	96	108	147	283	342	531	810	1141
Kyiv	246	150	190	243	303	546	871	1729	3222	3487
Kirovohrad	60	28	41	43	43	52	74	133	164	213
Luhansk	84	68	66	99	92	129	182	265	402	460
Lviv	96	148	137	160	241	452	498	909	1293	1799
Mykolayiv	51	47	72	66	62	123	103	140	233	288
Odesa	101	140	241	256	374	617	940	1603	2450	2611
Poltava	101	97	120	117	110	184	246	387	672	822
Rivne	48	36	62	65	101	164	241	355	506	461
Sumy	66	55	64	71	81	102	148	168	283	393
Ternopil	27	56	71	90	133	186	301	381	645	827
Kharkiv	139	177	190	230	241	396	654	877	1510	1806
Kherson	45	40	53	57	73	98	135	201	283	403
Khmelnyskiy	76	90	103	126	168	217	285	380	633	843
Cherkasy	66	50	58	63	76	111	127	245	436	439
Chernivtsi	21	23	37	35	55	134	163	276	551	791
Chernihiv	51	42	52	47	58	94	154	245	380	391
cities										
Kyiv	205	1233	1550	1749	2579	3069	3794	5548	8891	9597
Sevastopol	27	43	48	114	104	73	113	172	345	526

INVESTMENT AND CONSTRUCTION ACTIVITY

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

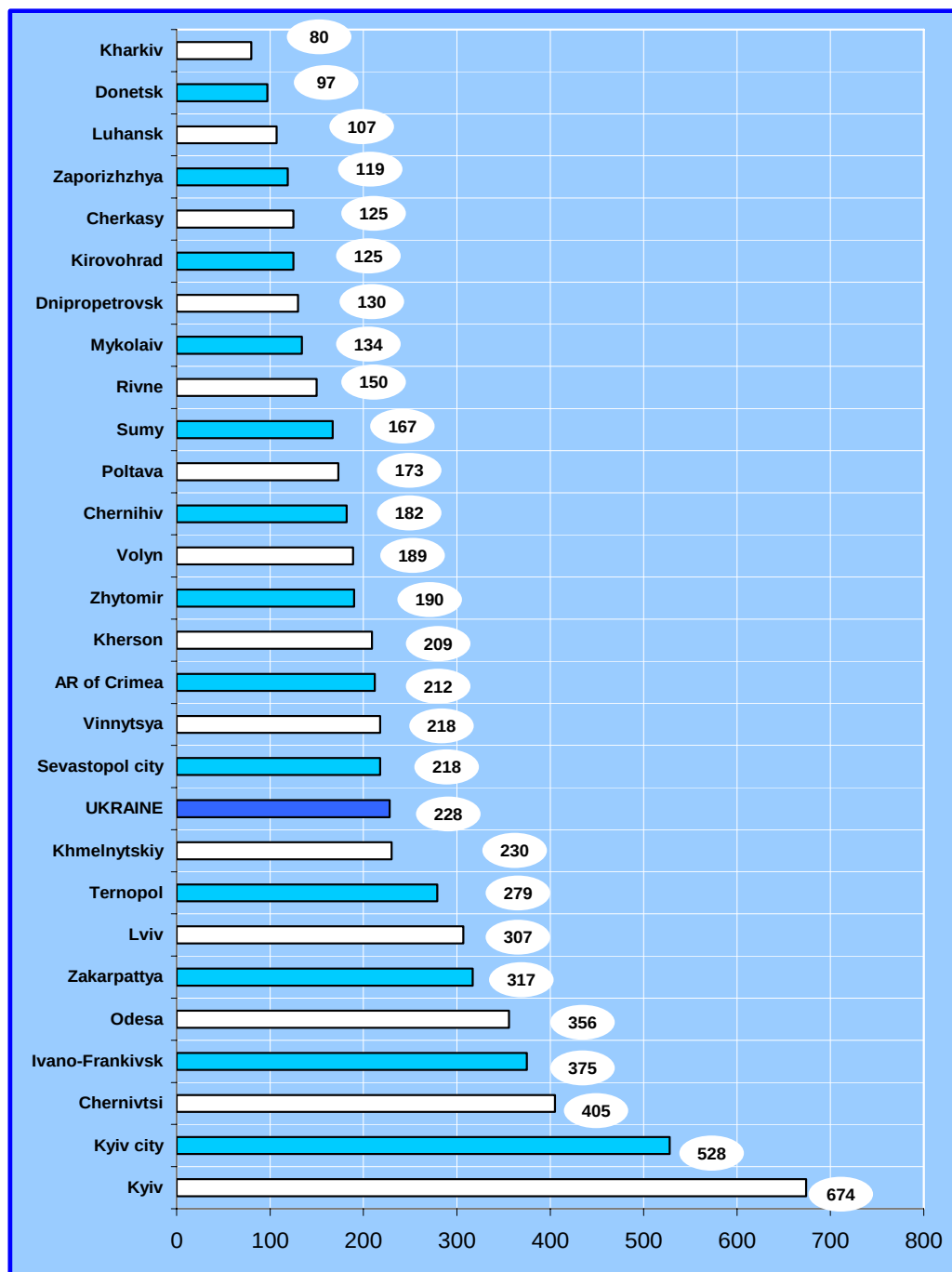
(percent of the previous year)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	106,0	101,0	111,6	125,8	117,9	108,9	127,5	131,4	88,1
Autonomous Republic of Crimea	99,7	105,2	107,6	100,7	123,0	154,4	128,5	169,0	92,7
oblasts									
Vinnitsya	77,2	141,4	135,8	117,9	131,6	136,2	111,9	112,7	92,0
Volyn	77,1	111,1	100,5	106,4	118,5	120,4	126,8	115,7	101,4
Dnipropetrovsk	127,6	79,1	110,2	98,4	121,1	116,8	111,4	112,5	86,2
Donetsk	92,0	92,2	106,7	110,5	142,4	101,3	119,0	125,5	101,6
Zhytomyr	66,5	92,0	101,6	140,2	115,3	121,6	146,4	135,3	92,4
Zakarpattia	72,6	110,9	74,6	133,1	90,9	132,4	220,2	123,8	94,7
Zaporizhzhya	58,8	81,6	99,3	143,8	151,0	95,0	108,6	185,4	94,6
Ivano-Frankivsk	96,2	92,2	105,5	131,7	157,0	98,9	125,5	122,5	105,6
Kyiv	91,4	103,8	127,0	119,3	151,2	126,4	163,3	148,9	80,8
Kirovohrad	72,3	124,6	100,8	97,3	99,7	112,7	147,9	99,3	97,3
Luhansk	74,0	83,8	142,2	89,0	116,4	112,2	120,3	121,7	86,1
Lviv	97,0	79,9	111,0	142,4	156,7	88,0	149,3	115,4	104,4
Mykolayiv	101,9	131,7	86,2	90,9	164,5	66,5	112,6	133,5	93,2
Odesa	113,1	148,2	100,3	140,7	137,7	121,1	140,1	123,9	79,6
Poltava	80,8	106,0	92,9	90,3	138,9	106,2	129,5	139,7	91,5
Rivne	53,0	147,6	100,0	148,3	135,3	116,7	121,5	115,5	68,7
Sumy	97,9	100,0	104,9	110,9	104,9	114,4	93,2	136,1	103,3
Ternopil	125,0	109,3	119,6	142,2	116,5	128,5	103,4	135,7	96,7
Kharkiv	95,5	92,0	114,7	100,7	135,5	131,8	111,2	140,5	90,5
Kherson	80,4	114,5	101,7	122,6	112,6	109,4	122,5	113,0	106,3
Khmelnyskiy	82,6	98,6	115,7	128,2	107,4	103,7	113,1	131,2	101,2
Cherkasy	78,0	99,0	103,0	115,9	121,1	90,5	160,3	143,2	75,2
Chernivtsi	90,1	141,0	89,3	150,1	202,6	96,3	138,2	160,8	109,8
Chernihiv	125,6	108,1	85,3	118,7	134,3	129,7	131,0	125,7	78,4
cities									
Kyiv	148,8	99,0	115,4	141,9	99,1	97,6	120,2	128,9	81,2
Sevastopol	109,6	93,1	227,5	88,7	58,4	122,8	124,5	163,8	113,0

INVESTMENT AND CONSTRUCTION ACTIVITY

9.22. Residential buildings and other 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

9.23. Residential buildings put into service in 2008, by region*(sq.m of total size per 1000 population)*

INVESTMENT AND CONSTRUCTION ACTIVITY

9.24. Residential buildings put into service, by region

(thsd.sq.m of total size)

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

INVESTMENT AND CONSTRUCTION ACTIVITY

9.25. 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
Ukraine	4397	3877	3351	3446	3613	3864	5026	4369	4652	5677	5831
Autonomous Republic of Crimea	98	144	110	128	138	124	173	149	203	324	216
oblasts											
Vinnitsya	224	168	115	170	196	240	266	241	266	301	288
Volyn	121	113	100	108	94	95	105	94	106	120	136
Dnipropetrovsk	301	250	277	301	351	265	258	254	285	293	292
Donetsk	409	291	218	218	216	238	298	268	245	258	236
Zhytomyr	153	125	94	74	81	96	163	154	155	172	184
Zakarpattia	154	168	205	158	126	152	177	214	271	320	354
Zaporizhzhya	129	91	78	88	88	92	131	109	97	125	126
Ivano-Frankivsk	208	162	178	167	187	191	304	223	233	283	324
Kyiv	242	266	264	255	271	324	425	396	484	622	908
Kirovohrad	106	87	55	68	67	78	94	79	79	93	103
Luhansk	148	139	147	152	164	194	233	217	203	227	209
Lviv	278	284	261	231	245	283	448	349	310	437	433
Mykolayiv	148	117	69	75	71	59	91	75	68	74	89
Odesa	247	167	141	180	206	154	217	199	224	322	293
Poltava	187	162	123	104	111	114	154	116	119	135	126
Rivne	153	146	82	82	93	121	160	116	143	174	116
Sumy	93	69	73	73	70	101	97	94	89	105	119
Ternopil	89	103	100	116	102	94	119	108	119	158	151
Kharkiv	153	163	154	164	186	235	262	188	171	170	138
Kherson	138	138	90	85	101	103	141	133	141	170	192
Khmelnyskiy	145	164	118	140	137	133	149	144	136	157	156
Cherkasy	160	125	81	69	79	99	111	106	114	151	98
Chernivtsi	142	136	94	96	102	114	191	182	188	254	285
Chernihiv	144	74	63	63	60	58	76	74	80	97	97
cities											
Kyiv	26	13	40	63	53	89	149	65	93	97	119
Sevastopol	1	12	21	18	18	18	34	22	30	38	43

INVESTMENT AND CONSTRUCTION ACTIVITY

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

INVESTMENT AND CONSTRUCTION ACTIVITY

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Commissioned, thsd.sq.m											
of total size	17447	8663	5558	5939	6073	6433	7566	7816	8628	10244	10496
in urban areas	14024	6456	4329	4773	4858	5074	5739	6088	6709	7737	7640
in rural areas	3423	2207	1229	1166	1215	1359	1827	1728	1919	2507	2856
Number of apartments											
built, thsd.	279	118	63	65	64	62	71	76	82	95	94
in urban areas	233	94	52	54	54	51	57	63	69	78	76
in rural areas	46	24	11	11	10	11	14	13	13	17	18
Per 1000 population											
Commissioned, sq.m											
of total size	338	169	113	123	127	135	160	167	185	221	228
in urban areas	404	186	130	147	151	159	180	192	213	246	244
in rural areas	202	133	77	73	77	87	118	113	128	169	194
Number of apartments											
built	5,6	2,3	1,3	1,3	1,3	1,3	1,5	1,6	1,8	2,0	2,0
in urban areas	7,0	2,7	1,6	1,7	1,7	1,6	1,8	2,0	2,2	2,5	2,4
in rural areas	2,8	1,5	0,7	0,7	0,7	0,7	0,9	0,8	0,9	1,1	1,2

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
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

INVESTMENT AND CONSTRUCTION ACTIVITY

9.29. Secondary educational institutions put into service, by region*(pupils places)*

	1990		1995		2000		2005		2007		2008	
	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	11672	4939	12381	5209
Autonomous Republic of Crimea	7384	3450	2120	432	—	—	1372	—	990	—	240	—
oblasts												
Vinnitsya	7371	3855	1418	692	40	40	50	50	108	108	814	198
Volyn	4750	2730	2318	2318	120	120	473	226	190	190	572	572
Dnipropetrovsk	12641	3052	930	570	2828	1002	—	—	1792	828	—	—
Donetsk	10720	1204	3095	514	484	484	50	50	—	—	—	—
Zhytomyr	3478	3478	3229	1430	720	670	374	374	318	108	872	399
Zakarpattia	2854	2494	354	354	732	192	—	—	1244	1244	1380	820
Zaporizhzhya	5224	2535	2036	—	—	—	—	—	—	—	—	—
Ivano-Frankivsk	2525	1229	287	145	1770	1770	1288	928	1210	400	618	618
Kyiv	7633	2665	4276	816	540	—	50	50	—	—	480	—
Kirovohrad	3516	220	1240	1240	—	—	—	—	—	—	310	310
Luhansk	4797	1501	2186	498	25	25	—	—	—	—	504	—
Lviv	5486	2894	4119	1719	1604	1484	1059	828	846	366	680	560
Mykolayiv	3785	2385	650	—	360	—	—	—	340	—	586	—
Odesa	8366	2966	1790	408	602	602	1206	1046	230	230	1332	692
Poltava	7620	3852	2884	830	1276	162	—	—	—	—	124	124
Rivne	3815	3449	1341	1341	—	—	366	366	275	—	150	150
Sumy	5957	2367	984	45	84	84	270	—	—	—	—	—
Ternopil	5114	1450	458	458	150	150	—	—	110	110	64	64
Kharkiv	6989	725	3608	964	689	689	654	120	60	—	400	—
Kherson	5480	2574	1683	432	360	—	—	—	—	—	—	—
Khmelnyskiy	5744	2720	1931	635	1302	882	2080	784	264	—	510	210
Cherkasy	5856	2664	1102	1102	—	—	—	—	—	—	—	—
Chernivtsi	5840	2376	836	—	180	180	1114	350	1271	1271	153	60
Chernihiv	7134	1955	1468	776	260	80	—	—	84	84	432	432
cities												
Kyiv	12598	—	7850	—	1266	—	180	—	2340	—	1660	—
Sevastopol	1251	—	—	—	—	—	—	—	—	—	500	—

INVESTMENT AND CONSTRUCTION ACTIVITY

9.30. Higher educational and professional training institutions put into service

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Institutions of higher educational											
1 st and 2 nd accreditation level,											
thsd.sq.m of total school facilities	33,5	8,3	4,9	2,7	1,1	0,6	—	0,5	1,1	—	22,1
3 rd and 4 th accreditation level,											
thsd.sq.m of total school facilities	63,5	29,9	32,3	110,9	20,1	24,9	19,3	31,2	19,9	23,8	14,5
Professional training institutions,											
pupils places, thsd.	2,6	1,2	—	0,05	—	0,0	—	—	—	—	—

9.31. Hospital facilities put into service, by region

(beds)

	1990		1995		2000		2005		2007		2008	
	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	497	50	1098	48
Autonomous												
Republic												
of Crimea	240	—	—	—	—	—	—	—	—	—	—	—
oblasts												
Vinnitsya	25	—	170	50	—	—	—	—	—	—	—	—
Volyn	—	—	148	123	—	—	19	15	—	—	—	—
Dnipropetrovsk	480	—	808	8	—	—	—	—	30	—	40	—
Donetsk	462	50	50	—	72	—	6	6	58	—	41	—
Zhytomyr	290	50	75	—	75	—	—	—	—	—	42	—
Zakarpattia	—	—	60	—	—	—	—	—	—	—	40	—
Zaporizhzhya	162	24	102	—	—	—	201	—	—	—	—	—
Ivano-Frankivsk	465	75	30	—	32	—	179	—	50	50	—	—
Kyiv	740	40	575	75	—	—	—	—	—	—	—	—
Kirovohrad	9	9	—	—	—	—	—	—	50	—	25	25
Luhansk	260	—	120	—	—	—	40	—	—	—	10	—
Lviv	302	—	—	—	—	—	40	—	100	—	82	15
Mykolayiv	150	—	10	10	—	—	40	—	23	—	—	—
Odesa	465	25	—	—	30	—	148	—	60	—	—	—
Poltava	265	25	85	25	—	—	—	—	—	—	22	—
Rivne	167	25	—	—	82	—	39	—	76	—	—	—
Sumy	110	50	—	—	—	—	38	—	—	—	—	—
Ternopil	38	38	—	—	80	—	—	—	—	—	143	—
Kharkiv	—	—	—	—	130	—	—	—	—	—	30	—
Kherson	150	70	30	—	—	—	—	—	50	—	240	—
Khmelnyskiy	90	40	—	—	68	65	—	—	—	—	8	8
Cherkasy	714	150	—	—	—	—	—	—	—	—	—	—
Chernivtsi	110	60	—	—	—	—	73	—	—	—	—	—
Chernihiv	211	50	211	—	52	—	30	—	—	—	—	—
city												
Kyiv	450	—	—	—	163	—	—	—	—	—	375	—

INVESTMENT AND CONSTRUCTION ACTIVITY

9.32. Clinics put into service, by region

(visits per shift)

	1990		1995		2000		2005		2007		2008	
	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	2533	277	4876	212
Autonomous Republic of Crimea	590	290	236	—	—	—	—	—	—	—	124	24
oblasts												
Vinnitsya	215	215	145	130	—	—	—	—	25	15	431	12
Volyn	650	170	625	165	13	—	124	124	108	—	62	30
Dnipropetrovsk	1055	70	550	180	500	500	—	—	303	—	200	—
Donetsk	2020	210	885	110	—	—	140	—	120	—	—	—
Zhytomyr	860	360	378	50	450	30	—	—	42	30	1005	—
Zakarpattia	115	15	650	50	—	—	—	—	—	—	180	—
Zaporizhzhya	785	35	485	10	—	—	—	—	—	—	—	—
Ivano-Frankivsk	574	349	50	50	30	30	10	—	142	—	55	12
Kyiv	1170	250	240	240	—	—	1580	—	—	—	7	7
Kirovohrad	260	75	20	20	25	25	—	—	35	—	—	—
Luhansk	210	210	30	30	—	—	60	—	—	—	132	—
Lviv	680	280	2200	—	—	—	430	30	177	27	970	15
Mykolayiv	308	208	375	—	—	—	40	—	76	—	20	—
Odesa	2921	100	40	40	—	—	36	20	50	—	20	20
Poltava	425	50	500	50	20	—	640	—	60	—	65	25
Rivne	1995	1240	110	110	75	75	215	15	63	15	152	—
Sumy	665	365	15	15	—	—	—	—	15	—	—	—
Ternopil	190	190	75	75	—	—	—	—	325	15	55	—
Kharkiv	125	125	—	—	—	—	220	—	—	—	—	—
Kherson	1490	235	95	95	—	—	100	50	213	—	104	—
Khmelnyskiy	1004	629	610	230	22	—	125	33	5	—	55	17
Cherkasy	575	575	90	90	—	—	45	45	45	—	10	—
Chernivtsi	590	70	230	30	128	120	—	—	199	175	75	50
Chernihiv	210	60	765	190	20	20	17	—	—	—	199	—
cities												
Kyiv	730	—	480	—	1000	—	210	—	500	—	955	—
Sevastopol	—	—	—	—	—	—	20	—	30	—	—	—

INVESTMENT AND CONSTRUCTION ACTIVITY

9.33. Health care, physical education and social protection facilities put into service

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Children's hospitals, beds	104	25	—	—	—	—	106	222	230	—	55
Children's outpatient clinics, visits per shift	1710	—	—	—	—	—	320	60	—	100	166
Maternity hospitals, beds	312	—	30	—	—	22	39	—	17	25	91
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
Recreation centres and rest homes, admission number	380	416	505	319	176	753	1086	1059	1575	756	561
Homes for the aged and disabled, admission number	1019	258	94	—	—	44	266	168	430	32	213
Stadiums, seats	5700	6400	4606	35490	7029	900	—	150	1687	20990	33500
Gyms, sq.m	14177	4516	1611	—	2986	12620	12481	6258	25415	16174	16685
Swimming pools, sq.m of water surface	2773	485	—	275	400	796	975	3033	1903	2902	2218
Sports grounds, sq.m	3125	10100	3140	—	13050	756	53874	8189	16562	5030	26832
Sports clubs, units	10	9	7	2	3	5	10	11	7	7	8

10. TRANSPORT AND COMMUNICATIONS

Freight shipped is the total quantity of cargo expressed in tons (gross), placed for shipment.

Freight transported refers to the total freight loaded and shipped by selected type of carrier (trucks, railway coaches, sea and river vessels and aeroplanes) or pipelines. Freight is measured in tons (pumping of gas or ammonia is measured in tons or cubic meters).

Freight turnover is defined as the total weight of shipped freight equal to the sum of the products of shipped cargo multiplied by the distance of shipping every lot. Measured in ton-kilometers (sea shipment is measured in ton-miles).

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

Arrival of import freight refers to arrival of freight produced in foreign countries and addressed to Ukrainian consumers.

Transit freight shipment incorporates transportation of externally produced goods through the Ukraine's territory, excluding their usage 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 transportation.

Transporting 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 defined as the total work for passenger transportation which equals the total number of passengers (passenger groups) transported multiplied by

the distance transported. Measured in passenger-kilometer (passenger-miles for water transport).

Intracity transportation refers to passenger transportation within the boundaries of an inhabited locality.

Commuter transportation includes passenger transportation by routes, the length of which does not exceed 50 km regardless of administrative division apart from city routes.

Long-distance transportation 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 transportation network is the length of the transportation network per unit of Ukraine's territory.

Intensity of freight and passenger transport, by type of transportation routes shows how the road network is used when transporting freight or passengers. Estimated by dividing the volume of transport activity by length of the road network.

Average distance of transportation is defined by dividing freight turnover (passenger traffic) by the quantity of shipped freight (transported passengers).

Products (services) by communication companies show the volume of services rendered by communication companies to households, businesses, organizations, establishments and other consumers (delivery of newspapers, magazines, letters, telegrams, money orders and pensions mailed, long-distance and international telephone phone calls made).

TRANSPORT AND COMMUNICATIONS

TRANSPORT

10.1. Freight shipped in 1940–2008, by type of carrier

(mln.t)

	By type of transport			
	railway ¹	automobile 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

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 entrepreneurs

10.2. Freight shipped, by type of carrier

(mln.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Transport	6286	2456	1529	1579	1558	1654	1731	1805	1873	1990	1972
land	6167	2422	1514	1564	1541	1635	1710	1784	1850	1965,4	1953
railway ¹	974	360	357	370	393	445	462	450	479	514	499
automobile ¹	4897	1816	939	977	947	973	1027	1121	1167	1255	1267
pipeline	296	246	218	216,4	201	217	221	213	204	196	187
water	119	34	15	15	16,4	19	21	21	23	24	19
sea	53	21	6,3	8	8,8	9	9	8	9	9	8
river	66	13	8,3	7	7,6	10	12	13	14	15	11
air	0,2	0,0	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1

¹ See the relevant footnotes to Table 10.1

TRANSPORT AND COMMUNICATIONS

10.3. Share of selected type of carrier in freight shipped

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Transport	100	100	100	100	100	100	100	100	100	100	100
land	98	98	99	99	99	99	99	99	99	99	99
railway ¹	15	14	23	23	25	27	27	25	26	26	25
automobile ¹	78	74	61	62	61	59	59	62	62	63	64
pipeline	5	10	15	14	13	13	13	12	11	10	10
water	2	2	1	1	1	1	1	1	1	1	1
sea	1	1	0	1	1	0	0	0	0	0	0
river	1	1	1	0	0	1	1	1	1	1	1
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 type of carrier

(percent)

	1990=100								To the previous year							
	1995	2000	2003	2004	2005	2006	2007	2008	1995	2000	2003	2004	2005	2006	2007	2008
Transport	39	24	26	28	29	30	32	31	96	99,5	106	105	104	104	106	99
land	39	25	27	28	29	30	32	32	96	99	106	105	104	104	106	99
railway ¹	37	37	46	47	46	49	53	51	88	107	113	104	97	106	107	97
automobile ¹	37	19	20	21	23	24	26	26	97	98	103	106	109	104	108	101
pipeline	83	74	73	75	72	69	66	63	101	94	108	102	96	96	96	95
water	28	12	16	17	18	19	20	16	74	101	115	110	104	107	106	81
sea	39	12	17	17	16	16	17	15	81	98	101	99	98	101	105	90
river	20	13	15	18	20	22	23	17	65	103	131	119	109	111	106	75
air	11	14	89	60	74	59	62	61	120	206	164	68	125	78	105	98

¹ See the relevant footnotes to Table 10.1

TRANSPORT AND COMMUNICATIONS

10.5. Freight traffic in 1940–2008, by type of carrier

(bln.tkm)

	Total	By type of carrier					
		railway	automobile 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

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 type of carrier

(bln.tkm)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Transport	1039,3	544,0	394,1	394,0	411,3	457,5	480,1	473,6	494,6	510,2	507,7
land	761,7	415,2	379,6	380,2	397,9	442,4	464,9	457,4	475,9	491,2	491,5
railway	474,0	195,8	172,8	177,5	193,1	225,3	234,0	224,0	240,8	262,5	257,0
automobile ¹	79,7	34,5	19,3	18,5	20,6	24,4	28,8	35,3	40,6	46,6	54,9
pipeline	208,0	184,9	187,5	184,2	184,2	192,7	202,1	198,1	194,5	182,1	179,6
water	277,5	128,8	14,5	13,8	13,0	14,6	14,9	15,9	18,4	18,6	15,8
sea	265,6	123,1	8,6	10,1	8,8	9,9	9,3	9,6	12,1	12,9	11,3
river	11,9	5,7	5,9	3,7	4,2	4,7	5,6	6,3	6,3	5,7	4,5
air	0,1	0,0	0,0	0,0	0,4	0,5	0,3	0,3	0,3	0,4	0,4

¹ See the second footnote to Table 10.1

10.7. Distribution of freight traffic, by type of carrier

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Transport	100	100	100	100	100	100	100	100	100	100	100
land	74	76	97	97	97	97	97	97	96	96	97
railway	46	36	44	45	47	49	49	47	49	51	51
automobile ¹	8	6	5	5	5	6	6	7	8	9	11
pipeline	20	34	48	47	45	42	42	42	39	36	35
water	26	24	3	3	3	3	3	3	4	4	3
sea	25	23	2	2	2	2	2	2	2,4	3	2
river	1	1	1	1	1	1	1	1	1,3	1	1
air	0	0	0	0	0,1	0,1	0,1	0,1	0,1	0,1	0,1

¹ See the second footnote to Table 10.1

TRANSPORT AND COMMUNICATIONS

10.8. Freight shipped, by rail of general use

(mln.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total shipment¹	974	360	357	370	393	445	462	450	479	514	499
coal	217	102	98	106	112	120	127	120	124	126	129
coke	19	8	11	11	11	13	14	11	11	13	12
oil and oil products	52	20	27	28	33	43	33	27	25	28	30
ferrous metals	70	24	45	43	43	46	50	49	54	57	52
timber	5	3	3	3	4	4	5	5	5	5	5
bread	36	16	6	8	13	13	10	13	11	11	18
ore	116	50	65	67	68	74	78	80	87	93	86
cement	19	6	4	5	5	7	8	9	11	11	12
chemical and mineral fertilisers	16	5	10	10	9	11	11	12	13	16	15
other freight	424	126	88	89	95	114	126	124	138	154	140

¹ See the first footnote to Table 10.1

10.9. Freight shipped, by river carrier

(thsd.t)

	1990	1995	2000	2001 ¹	2002 ¹	2003 ¹	2004 ¹	2005	2006	2007	2008
Total shipment	65728	12845	8350	6970	7608	9975	11859	12869	14297	15121	11294
By type of freight											
oil and oil products	516	6	—	...	...	...	42	27	29	24	4
coal	1687	620	245	927 ²	1205 ²	1229 ²	1588	1210	924	1135	1321
coke	...	81	240	...	...	...	...	160	69	114	74
all kind of ores	4540	1283	1594	2044 ³	1672 ³	2123 ³	2495 ³	3086	3179	2748	2035
construction	54568	8594	3791	2339 ⁴	2402 ⁴	4173 ⁴	5139 ⁴	5891	7537	8779	6169
chemical and mineral fertilizers	95	161	116	89	48	142	207	206	193	292	228
timber	37	7	9	2	6	5	4	4	3	5	6
paper	...	...	4	20	24	38	45	31	12	10	23
all kind of metals	900	717	1599	979	1422	1364	1284	795	1027	947	529
machines and equipment	314	...	48	45	42	52	79	38	32	33	29
sugar	...	...	11	52 ⁵	24 ⁵	42 ⁵	28 ⁵	43	25	—	—
bread	725	331	211	378	730	633	568	920	693	343	292
cotton, flax	...	...	4	—	—	—	—	—	—	—	—
perishables	34	...	—	83	—	1	—	—	—	—	—
freight in containers	...	...	26	2	0	—	—	—	—	—	—
other freight	2312	1045	452	10	33	173	380	458	574	691	584
By type of communication route											
international	2713	3260	4314	3437	4696	5188	5859	5828	5755	5124	4022
coastal	63015	9585	4036	3533	2912	4787	6000	7041	8542	9997	7272

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

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10.10. Freight shipped, by marine carrier

(thsd.t)

	1990	1995	2000	2001 ¹	2002 ¹	2003 ¹	2004 ¹	2005	2006	2007	2008
Total shipment	53253	20798	6316	8232	8786	8851	8794	8575	8665	9124	8228
By type of freight											
oil and oil products	1498 ²	190	344	...	...	...	1	10	299	484	430
coal	552 ²	338	271	260 ³	160 ³	208 ³	263	99	53	167	139
coke	...	361	89	...	...	...	...	37	22	12	6
all kind of ores	2225 ²	2531	1038	634 ⁴	1170 ⁴	1358 ⁴	973 ⁴	758	706	1152	820
construction	...	1174	965	2335 ⁵	1774 ⁵	1788 ⁵	1971 ⁵	1812	2052	2154	2121
chemical and mineral fertilizers	10279 ²	1670	201	245	166	165	201	211	251	111	101
timber	6 ²	464	262	143	237	436	387	259	202	106	70
paper	...	344	97	88	89	69	38	25	14	2	5
all kind of metals	101 ²	3354	1003	2225	2539	2443	2580	2038	2086	2029	1787
bread	1635 ²	2919	247	455	953	452	491	1062	939	933	1003
freight in containers	...	1887	733	991	896	875	781	781	456	397	258
other freight	580 ²	5566	1066	856	802	1057	1108	1483	1585	1577	1488
By type of communication routes											
international	36377	19966	5241	6780	6288	5981	5972	6334	6106	5785	5365
coastal	16876	832	1075	1452	2498	2870	2822	2241	2559	3339	2863

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 handling in sea and river ports (goods and fish)¹

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Seaports										
Total shipment, thsd.t	53210	91943	98658	120601	126962	131761	138986	140610	157919	169595
exports	21916	42704	49310	62197	56171	65436	70698	68391	63860	76261
imports	4270	6840	7404	7605	10955	11675	13331	15231	18784	21139
transit	24461	37351	37120	45715	55147	50004	50556	53198	69167	66286
internal	2563	5048	4824	5084	4689	4646	4401	3790	6108	5909
Share of total freight shipment, percent	100	100	100	100	100	100	100	100	100	100
exports	41	46	50	52	44	50	51	48	40	45
imports	8	7	7	6	9	9	10	11	12	13
transit	46	41	38	38	43	38	36	38	44	39
internal	5	6	5	4	4	3	3	3	4	3
River ports										
Total shipment, thsd.t	17338	7462	7257	8053	9828	12359	13157	16903	18553	14522
exports	1634	1870	2029	2810	1919	2576	2076	2370	2660	2072
imports	340	848	852	764	817	656	708	879	946	991
transit	67	68	163	90	77	90	57	89	179	191
internal	15297	4676	4213	4389	7015	9037	10316	13565	14768	11268
Share of total freight shipment, percent	100	100	100	100	100	100	100	100	100	100
exports	9	25	28	35	20	21	16	14	14	14
imports	2	11	12	9	8	5	5	5	5	7
transit	0	1	2	1	1	1	1	1	1	1
internal	89	63	58	55	71	73	78	80	80	78

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

10.12. Freight handling in sea and river ports (goods and fish)¹ in 2008, by type

(thsd.t)

	Total shipment	Including			
		exports	imports	transit	Internal
Total shipment	184116,5	78332,6	22129,8	66477,3	17176,8
Bulked cargo	37742,4	5653,1	2016,6	29889,7	183,0
oil	18639,4	84,7	329,0	18225,7	—
oil products	12451,9	2783,7	1113,9	8371,3	183,0
vegetable oil	1835,3	1063,1	533,8	238,4	—
chemical	3769,8	1422,1	38,8	2308,9	—
other shipment	1046,0	299,5	1,1	745,4	—
Loose goods	97609,2	41560,4	11262,4	28514,8	16271,6
coal	17735,8	4095,5	1955,8	11671,3	13,2
coke	867,1	735,1	60,1	71,9	—
all kind of ores	19814,8	7780,5	8250,5	3267,4	516,4
construction	20111,2	4142,6	352,1	41,6	15574,9
cement	20,5	—	6,7	0,1	13,7
chemical and mineral fertilizers	11348,5	4709,0	386,6	6157,3	95,6
sugar	745,6	3,6	—	742,0	—
bread	22167,8	18304,9	—	3813,9	49,0
including grain	19885,5	16156,4	—	3680,1	49,0
other	4797,9	1789,2	250,6	2749,3	8,8
Freight and parcel	35574,0	26783,9	2095,5	5972,4	722,2
cars, truck cranes	391,4	16,9	252,8	121,5	0,2
wood	1097,7	1094,6	0,9	0,4	1,8
ferrous metals	30233,9	24647,2	69,6	4850,6	666,5
nonferrous metals	109,2	57,7	—	51,5	—
paper	12,6	—	1,9	10,7	—
cotton, flax and other fibrous cargo	21,1	—	19,3	1,8	—
chemical and mineral fertilizers	449,3	123,7	2,8	322,8	—
cement	171,3	—	31,6	139,7	—
manufactured goods					
in boxes and bales	240,5	27,2	181,4	27,7	4,2
oil products in packages	0,4	0,4	—	—	—
foodstuffs	1004,7	40,6	846,6	79,3	38,2
including					
flour	11,1	11,1	—	—	—
grain	2,1	0,1	1,8	0,2	—
meat without packing	73,9	—	73,9	—	—
canned goods, all sorts	26,9	—	3,6	8,6	14,7
fish	144,2	—	120,7	—	23,5
vegetables and fruit	599,6	—	572,3	27,3	—
other	146,9	29,4	74,3	43,2	—
other assorted lading	1841,9	775,6	688,6	366,4	11,3
In containers (gross)	9108,3	2231,8	6315,1	561,4	—
Other	4082,6	2103,4	440,2	1539,0	—

¹ See the footnote to Table 10.11

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10.13. Freight shipped by motor vehicles, by region¹

(mln.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	4896,5	1816,4	938,9	977,3	947,3	973,3	1027,4	1120,8	1167,2	1255,2	1266,6
Autonomous Republic of Crimea	208,7 ²	46,0	17,0	18,3	17,6	19,5	19,1	20,1	21,5	26,4	26,1
oblasts											
Vinnitsya	177,0	63,9	28,3	28,3	27,8	24,2	27,7	26,9	30,3	33,7	33,9
Volyn	66,2	17,0	7,6	8,0	7,9	9,9	10,8	10,3	11,6	12,0	12,6
Dnipropetrovsk	836,2	308,9	234,9	258,4	254,0	256,2	274,0	303,7	325,1	367,0	347,1
Donetsk	574,9	211,8	125,3	129,7	145,7	137,7	147,1	170,5	182,5	188,5	174,9
Zhytomyr	154,5	55,1	29,3	30,9	30,8	31,0	34,1	35,0	38,2	41,6	45,0
Zakarpattia	78,3	16,0	10,8	11,7	10,5	11,4	10,8	13,7	16,5	20,8	18,0
Zaporizhzhya	191,8	57,2	40,0	40,5	38,4	45,1	43,8	46,3	51,3	50,7	59,1
Ivano-Frankivsk	86,5	32,1	13,1	12,7	9,5	9,9	9,1	10,0	10,2	11,6	11,8
Kyiv	171,7	114,9	36,3	32,2	35,2	35,4	40,4	33,5	32,1	38,5	40,5
Kirovohrad	167,5	41,9	16,3	18,8	15,6	15,3	20,0	25,1	28,1	28,6	31,3
Luhansk	240,8	65,3	26,1	38,8	31,3	49,9	32,0	31,8	28,3	26,9	27,4
Lviv	229,9	62,7	29,6	27,3	21,4	25,1	20,9	20,3	21,8	21,6	23,0
Mykolayiv	140,2	32,4	13,6	19,3	18,5	19,1	23,7	30,8	30,7	27,3	28,3
Odesa	145,0	37,0	24,9	31,0	20,8	16,4	19,7	23,0	24,7	25,6	30,5
Poltava	236,7	200,1	95,3	90,5	87,5	85,2	95,6	108,9	115,5	122,2	130,4
Rivne	112,2	34,3	15,5	15,7	16,7	17,4	18,5	18,4	18,9	19,6	21,3
Sumy	99,9	35,8	19,4	17,4	16,6	14,5	15,2	13,4	13,0	13,7	13,5
Ternopil	105,7	35,0	13,0	12,7	9,9	9,4	10,1	9,5	13,0	13,4	13,6
Kharkiv	199,4	61,0	27,8	30,4	28,7	33,3	36,3	36,5	35,3	42,2	45,5
Kherson	108,7	43,0	13,2	12,3	10,1	8,8	9,9	11,4	11,8	12,6	14,1
Khmelnyskiy	158,3	82,4	25,3	24,9	21,5	24,6	27,6	24,6	23,9	26,7	29,1
Cherkasy	154,1	57,6	33,9	26,1	26,5	23,5	27,9	46,7	30,0	24,7	32,6
Chernivtsi	58,6	15,8	5,7	6,8	6,2	7,4	8,2	8,3	8,9	8,1	8,9
Chernihiv	91,2	52,9	13,2	13,1	13,3	12,8	14,7	15,0	14,2	14,1	15,3
cities											
Kyiv	102,5	25,0	16,4	14,8	13,6	16,2	16,9	17,8	20,1	26,9	21,8
Sevastopol	...	11,3	7,1	6,7	11,7	14,1	13,3	9,3	9,7	10,2	11,0

¹ See the second footnote to Table 10.1

² Including Sevastopol city

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10.14. Freight traffic of motor vehicles, by region¹

(mln.tkm)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	79668,4	34478,4	19281,6	18457,0	20593,1	24386,8	28847,1	35244,0	40566,5	46569,9	54877,2
Autonomous Republic of Crimea	4325,5 ²	2506,7	489,2	493,5	581,8	583,1	710,8	737,4	810,0	1091,2	1259,8
oblasts											
Vinnitsya	3108,8	1106,8	582,2	625,0	709,7	801,5	971,8	1034,5	1188,3	1567,8	1666,4
Volyn	1580,7	390,2	321,3	258,7	428,0	693,6	758,6	998,3	1253,2	1295,6	1689,8
Dnipropetrovsk	7018,3	3781,4	1389,7	1485,7	1675,4	1700,5	2071,8	2180,6	2660,0	3219,2	3541,0
Donetsk	6863,1	3013,5	1301,9	1475,6	1747,2	1950,4	2019,8	2202,4	2523,0	2771,1	2853,0
Zhytomyr	2586,9	954,7	482,2	469,5	501,6	607,1	713,2	724,4	852,5	1001,1	975,4
Zakarpattia	1459,3	348,5	423,5	429,7	548,7	743,8	951,4	1755,5	2041,2	2326,5	2592,0
Zaporizhzhya	3563,5	1303,9	2838,9	1468,1	1456,9	1601,3	1571,6	2912,1	2437,9	2772,7	2242,5
Ivano-Frankivsk	1893,7	913,2	327,5	263,4	290,5	360,5	409,3	520,8	716,7	898,0	1098,0
Kyiv	3766,2	3332,0	1103,2	1584,3	1300,5	1522,9	1799,5	2402,5	2624,3	2692,7	3669,4
Kirovohrad	2408,4	704,4	263,2	287,2	314,8	354,1	418,4	561,5	697,5	874,6	1010,4
Luhansk	3747,6	1224,1	887,5	883,2	1015,7	1253,9	1352,6	1697,5	1740,3	2012,9	2314,6
Lviv	3594,7	1207,3	1748,8	1226,3	1117,1	1553,6	1837,4	1911,3	2478,6	2784,0	2882,0
Mykolayiv	2728,3	792,4	272,8	386,1	438,1	572,0	659,0	848,3	1140,8	1178,9	1459,0
Odesa	3500,2	1060,5	623,5	790,6	875,0	858,3	1258,4	1264,0	1476,6	1593,5	2592,3
Poltava	3482,2	1751,7	866,2	890,3	1105,4	1076,9	1438,0	1611,0	2021,4	2331,8	2692,1
Rivne	1935,0	809,6	434,1	435,3	540,0	706,6	806,1	939,5	1227,7	1255,8	1448,6
Sumy	1998,4	881,5	490,2	417,4	438,6	513,3	559,5	603,0	653,7	758,2	817,3
Ternopil	1995,9	780,0	308,6	307,1	356,6	383,3	507,2	551,8	769,5	933,6	1125,6
Kharkiv	4007,1	1132,7	611,0	684,9	969,2	1230,0	1548,3	1778,6	2201,2	2763,2	3574,5
Kherson	3076,5	919,0	282,9	224,7	260,3	274,9	384,4	638,6	753,9	973,5	1170,7
Khmelnyskiy	2606,6	1798,5	587,3	622,2	605,0	1007,7	1036,8	1248,7	1610,1	1588,4	2284,9
Cherkasy	2811,6	1105,2	661,3	504,8	575,9	648,7	797,1	1194,2	1148,4	1286,6	1693,3
Chernivtsi	1204,0	381,3	193,6	207,2	253,4	353,6	392,7	372,6	449,3	608,3	985,9
Chernihiv	2120,3	1368,5	288,0	297,5	392,4	445,9	592,6	773,1	846,6	942,8	1192,9
cities											
Kyiv	2285,6	847,2	1434,9	1666,8	1977,1	2443,9	3113,8	3657,8	4031,2	4711,9	5656,3
Sevastopol	...	63,6	68,1	71,9	118,2	145,4	167,0	124,0	212,6	336,0	389,5

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	2001	2002	2003	2004	2005	2006	2007	2008
Total shipment	296	246	218	216,4	201	217	221	213	204	196	187
Gas	182	174	150	148,2	151	158	164	164	156	142,5	143,2
Oil and oil products	114	68	66	66,2	48	57	55	47	45	51	41
Ammonium	...	4	2	2	2	2	2	2	3	2,5	2,6

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10.16. Total passengers transported in 1940–2008, by type of transport

(mln.)

	By type of transport							
	railway	automobile (buses) ¹	sea	river	air	trams	trolley-buses	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

¹ Since 2000, including automobile passenger transportation by small businesses (natural and legal persons)

10.17. Total passengers transported, by type of general use transport

(mln.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Transport	14977	6816	7780	7657	7711	7711	7997	8200	8242	8214	8331
land	14917	6802	7773	7649	7702	7700	7982	8183	8225	8199	8316
railway	669	577	499	468	465	477	452	445	448	447	445
automobile (buses) ¹	8331	3483	2557	2722	3069	3297	3720	3837	3988	4173	4369
trams	2007	822	1381	1334	1196	1132	1112	1111	1083	1027	963
trolley-buses	3232	1359	2582	2332	2141	1921	1849	1903	1788	1621	1580
subway	678	561	754	793	831	873	848	887	918	931	959
water	45	12	6	7	7	9	12	13	13	10	9
sea	26	8	4	5	5	7	10	11	11	8	7
river	19	4	2	2	2	2	2	2	2	2	2
air	15	2	1	1	2	2	3	4	4	5	6

¹ See the footnote to Table 10.16

In 2008, automobile transportation of passengers by small businesses amounted to 2,3 bln. passengers.

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10.18. Volume indices for passengers transported by transport of general use

(percent)

	1990=100								To the previous year							
	1995	2000	2003	2004	2005	2006	2007	2008	1995	2000	2003	2004	2005	2006	2007	2008
Transport	46	52	51	53	55	55	55	56	77	98	100	104	103	101	100	101
land	46	52	52	54	55	55	55	56	77	98	100	104	103	101	100	101
railway	86	75	71	68	67	67	67	67	92	102	103	95	99	101	100	100
automobile (buses) ¹	42	31	40	45	46	48	50	52	86	102	107	113	103	104	105	105
trams	41	69	56	55	55	54	51	48	62	95	95	98	100	97	95	94
trolley-buses	42	80	59	57	59	55	50	49	63	94	90	96	103	94	91	97
subway	83	111	129	125	131	135	137	141	82	104	105	97	105	103	101	103
water	25	13	20	26	30	54	21	20	66	111	120	130	115	95	74	93
sea	30	14	26	37	43	42	29	28	75	122	128	140	117	96	71	96
river	19	11	11	11	12	11	10	8	52	95	99	98	105	90	92	84
air	13	8	16	22	26	29	33	42	114	107	134	136	118	114	113	125

¹ See the footnote to Table 10.16

**10.19. Passengers traffic in 1940–2008, by type of transport
(excluding urban electric transport)**

(bln. passenger.km)

	Total	By type of transport				
		railway	automobile (buses) ¹	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

¹ See the footnote to Table 10.16

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10.20. Passengers traffic of general use transport

(bln. passenger.km)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Transport	222,5	120,2	113,1	112,8	117,2	121,2	128,6	135,8	139,3	140,9	147,0
land	204,7	116,3	111,3	110,9	114,6	117,3	123,0	129,6	130,9	131,4	136,1
railway	76,0	63,8	51,8	49,7	50,5	52,6	51,7	52,7	53,2	53,1	53,1
automobile (buses) ¹	90,3	34,8	28,8	31,0	35,8	40,1	47,5	52,5	54,0	56,1	61,3
trams	13,0	5,3	9,0	8,7	7,8	6,7	6,6	6,5	6,3	5,8	5,4
trolley-buses	21,0	8,8	16,8	15,5	14,1	11,2	10,8	11,2	10,4	9,3	9,0
subway	4,4	3,6	4,9	6,0	6,4	6,7	6,4	6,7	7,0	7,1	7,3
water	1,7	0,6	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,2	0,1
sea	1,1	0,5	0,1	0,0	0,0	0,0	0,1	0,1	0,1	0,1	0,1
river	0,6	0,1	0,0	0,1	0,1	0,1	0,0	0,0	0,0	0,1	0,0
air	16,1	3,3	1,7	1,8	2,5	3,8	5,5	6,1	8,3	9,3	10,8

¹ See the footnote to Table 10.16

In 2008, 22 cities had tram lines, 46 had trolley-buses and Kyiv, Kharkiv and Dnipropetrovsk had subways.

10.21. Passengers transported, by type of journey and selected type of transport

(mln.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Intercity transportation	457	215	154	174	169	178	205	226	227	235	246
railway (long distance)	95	68	45	44	44	49	54	60	62	60	61
sea (including commuter)	26	8	4	5	5	7	10	11	11	8	7
air	15	2	1	1	2	2	3	4	4	5	6
automobile (buses) ¹	311	131	97	116	111	114	132	144	145	157	167
trolley-buses	10	6	7	8	7	6	6	7	5	5	5
Intracity transportation	11301	4923	6452	6397	6428	6414	6651	6860	6889	6859	6969
automobile (buses) ¹	5394	2187	1742	1946	2267	2494	2848	2966	3105	3285	3472
trolley-buses	3222	1353	2575	2324	2134	1915	1843	1896	1783	1616	1575
trams	2007	822	1381	1334	1196	1132	1112	1111	1083	1027	963
subway	678	561	754	793	831	873	848	887	918	931	959
Commuter transportation	3219	1678	1174	1086	1114	1119	1141	1114	1126	1120	1116
railway	574	509	454	424	421	428	399	385	386	387	384
river	19	4	2	2	2	2	2	2	2	2	2
automobile (buses) ¹	2626	1165	718	660	691	689	740	727	738	731	730

¹ See the footnote to Table 10.16

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10.22. Rolling stock, by mode of transport and purpose

(end of year; units)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Rail transport									
diesel locomotives	2741	2680	2692	2649	2591	2572	2557	2542	2545
electric locomotives	1796	1791	1788	1787	1792	1797	1809	1819	1855
steam locomotives	140	124	119	101	84	66	55	52	52
freight stock, thsd.	185,7	178,8	171,5	163,6	149,8	150,3	146,9	137,1	131,6
passenger stock, thsd.	9,0	8,8	8,3	8,2	8,1	7,9	7,8	7,7	7,6
Road transport, thsd.¹									
trucks ²	837,5	808,6	937,6	939,5	917,5	888,5	910,2	922,1	976,2
including private	290,7	310,1	272,4	322,2	356,7	349,7	377,0	412,9	474,4
passenger buses	140,2	143,5	159,3	174,1	175,9	167,9	180,0	185,5	188,0
including private	46,1	55,0	63,5	86,9	94,5	90,2	101,0	108,1	114,5
passenger cars	5250,1	5312,6	5400,0	5524,5	5445,8	5539,0	5603,6	5939,6	6393,9
including private	5109,6	5168,9	5159,1	4987,4	5125,9	5260,1	5326,4	5630,9	6090,4
other cars ³	225,1	207,6	113,7	118,0	133,7	137,3	167,5	177,8	213,3
motor transport	2251,5	2028,1	1744,3	1369,0	1145,4	982,6	821,9	714,3	650,9
including private	2233,9	2014,3	1730,1	1296,3	1119,3	970,5	812,2	707,7	645,0
River boats⁴	2025	2059	2001	2086	2026	1962	1962	1962	2064
Sea crafts⁴	878	1055	1062	1159	1130	1177	1177	1177	1084
Electric transport									
trolley-buses	5313	5186	5037	4833	4683	4554	4541	4494	4307
tram-cars	3459	3388	3247	3103	3000	2905	2859	2821	2736
transit vehicles	925	932	946	961	985	993	1020	1030	1030
Airplanes and helicopters⁵	954	884	634	699	572	659	701	614	468

¹ Prior to 2001 inclusive, 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 2002, information as of August 1 is provided by the Department of the State Road Inspectorate of the Ministry of Internal Affairs of Ukraine

² Until 2001, 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 passenger car chassis and others. Since 2002, 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 Until 2001, 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 2002, other motor cars include vehicles using truck chassis and designed for transporting people, ambulance cars, pickups and caravans with passenger car chassis

⁴ In 2000–2005, vessels of enterprises functioning in all branches of economy. Since 2001, vessels not fit for service are included. Data on the availability of river and sea transport for 2006–2007 – data for 2005 (survey every three years)

⁵ 2002–2003, 2006–2008, according to data from the Department of Air Transport the Ministry of Transport and Communications of Ukraine; 2004–2005, according to data from the State Service of Ukraine on Monitoring Air Transportation Safety

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10.23. Private cars, by region

(thsd.)

	1990	1995	2000	2001	2002 ¹	2003 ¹	2004 ¹	2005 ¹	2006 ¹	2007 ¹	2008 ¹
Ukraine	3271,7	4468,7	5109,6	5168,9	5159,1	4987,4	5125,9	5260,1	5326,4	5630,9	6090,4
Autonomous Republic of Crimea	165,8	239,7	247,6	263,2	249,3	253,5	251,5	250,7	233,7	232,5	245,6
oblasts											
Vinnitsya	106,5	151,8	180,0	184,1	174,4	182,9	161,1	175,7	174,9	187,0	169,9
Volyn	53,3	77,0	96,3	98,2	98,2	98,8	95,6	91,4	102,0	104,4	114,4
Dnipropetrovsk	285,5	369,0	390,0	389,7	396,3	404,3	368,0	405,7	407,9	453,4	485,5
Donetsk	334,8	410,5	495,1	496,6	482,3	498,3	498,3	469,4	490,6	469,5	562,0
Zhytomyr	73,0	103,2	127,0	127,2	130,1	113,4	133,4	131,2	138,0	148,1	160,3
Zakarpattia	80,9	120,4	117,8	117,7	118,8	119,8	128,1	142,5	146,1	145,6	163,7
Zaporizhzhya	200,5	250,1	284,2	284,8	278,4	305,4	310,8	315,7	309,1	303,2	301,1
Ivano-Frankivsk	55,9	98,9	124,1	125,5	125,7	134,1	133,3	136,4	137,2	146,1	171,9
Kyiv	115,3	172,1	207,3	204,8	235,9	116,2	234,3	253,3	212,6	273,2	290,5
Kirovohrad	92,7	109,7	138,0	124,5	114,7	111,0	96,9	92,7	96,9	113,7	118,6
Luhansk	208,6	246,8	247,1	257,6	264,9	216,0	272,4	276,8	283,6	291,0	310,4
Lviv	139,0	184,5	199,9	203,2	245,7	211,5	225,5	231,9	244,5	248,3	264,0
Mykolayiv	82,0	111,9	106,3	105,2	101,9	103,5	107,3	107,5	108,8	115,2	128,4
Odesa	180,5	214,1	252,3	254,2	264,1	236,2	234,9	207,7	191,8	239,3	261,0
Poltava	132,2	170,4	204,3	206,4	151,1	161,7	178,3	199,2	216,1	233,6	246,0
Rivne	43,4	68,4	89,8	87,5	88,6	110,3	102,7	105,2	95,1	101,4	108,1
Sumy	82,7	115,3	120,4	119,0	120,0	108,8	113,6	115,3	108,8	111,0	121,6
Ternopil	50,4	77,4	100,0	97,2	98,4	99,8	89,6	89,0	92,1	99,4	115,8
Kharkiv	214,4	291,8	316,1	337,9	341,8	348,3	345,2	348,1	349,2	343,6	367,3
Kherson	78,5	117,8	127,9	128,6	131,6	130,0	129,2	132,7	131,4	137,2	147,5
Khmelnyskiy	74,7	106,9	134,9	133,1	130,9	105,0	102,1	106,0	120,5	127,9	140,8
Cherkasy	104,5	164,8	166,8	172,7	165,6	165,6	164,9	158,2	166,7	169,9	175,7
Chernivtsi	49,2	85,5	100,6	96,2	90,2	89,1	87,7	88,3	88,8	89,6	92,2
Chernihiv	76,1	96,0	100,4	99,1	96,1	79,6	87,0	91,1	92,2	95,5	105,5
cities											
Kyiv	156,3	268,7	386,8	404,9	414,1	423,4	444,1	484,2	532,7	595,8	663,7
Sevastopol	35,0	46,0	48,6	49,8	50,0	61,1	30,1	54,2	55,1	55,5	58,9

¹ As of 1 August based on data from the Department of State Road Police of the Ministry of Home Affairs of Ukraine

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ROADS

10.24. Length of transportation network in 1940–2008

(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

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

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10.25. Length of transportation network

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Operational length of public railroads, thsd.km	22,8	22,8	22,3	22,2	22,1	22,1	22,0	22,0	21,9	21,9	21,7
Operational length of public navigable river routes, thsd.km	4,0	3,7	2,4	2,3	2,3	2,2	2,3	2,2	2,2	2,2	2,2
Operational lengths of public automobile roads, thsd.km	167,8	172,3	169,5	169,6	169,7	169,7	169,4	169,3	169,1	169,4	169,5
including with hard coating	157,2	163,3	163,8	164,1	164,2	164,6	164,8	165,0	165,2	165,6	165,8
Operational length of trolley-bus routes (single-track), thsd.km	4,0	4,2	4,3	4,4	4,3	4,4	4,4	4,4	4,4	4,5	4,4
Operational length of tram routes (single-track railroads), thsd.km	2,1	2,2	2,1	2,1	2,1	2,1	2,1	2,1	2,0	2,0	2,0
Operational length of subways (double-track railroads), km	62,4	85,9	91,7	91,7	91,7	95,0	99,1	101,5	101,5	101,5	102,6

At the beginning of 2009, the length of public pipelines equalled 44,8 thsd.km.

10.26. Density of transportation network

(km of roads per thsd. 1 sq.km of the country's territory)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Operational length of public railroads	38	38	37	37	37	37	36	36	36	36	36
Operational length of public navigable river routes	7	6	4	4	4	4	4	4	4	4	4
Operational length of public automobile roads with hard coating	260	270	271	272	272	273	273	273	274	274	275

In 2008, 74 km of public pipelines accounted for 1 thsd.sq.km of territory.

10.27. Introduction of modern types of transportation network

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Operational length of public railroads											
electrified											
thsd.km	8,1	8,5	9,1	9,2	9,3	9,3	9,4	9,4	9,6	9,7	9,7
as a percentage of total length	36	38	41	42	42	42	43	43	44	44	45
for vehicles powered by diesel engines											
thsd.km	14,7	14,2	13,2	13,0	12,8	12,7	12,6	12,6	12,3	12,2	11,9
as a percentage of total length	64	62	59	58	58	58	57	57	56	56	55
double-track and multi-track runs											
thsd.km	7,6	7,5	7,3	7,3	7,2	7,2	7,2	7,2	7,1	7,1	7,2
as a percentage of total length	33	33	33	33	33	33	33	33	33	33	33
Length of river navigable routes with installed navigation signs											
with light and light-reflecting stations											
thsd.km	3,6	1,7	0,5	0,8	0,7	0,7	1,2	1,1	1,1	1,1	1,1
as a percentage of total length	90	46	21	34	32	32	51	52	53	52	53
electrified and gasified automatic and non-automatic stations											
thsd.km	2,8	1,2	0,4	0,7	0,6	0,6	1,1	1,1	1,1	1,1	1,1
as a percentage of total length	70	32	18	30	28	28	47	49	50	49	50
Length of automated river wharves											
km ¹	10,9	11,6	19,1	20,3	18,9	19,0	17,9	17,7	17,7 ²	17,7 ²	16,2
as a percentage of total lengths of wharves	71	64	70	70	69	71	68	69	69	69	64
Length of public automobile roads with hard coating											
cement concrete and asphalt concrete coating											
thsd.km	49,0	54,6	57,5	57,8	58,1	58,5	58,9	59,4	59,8	60,5	61,1
as a percentage of total roads with hard coating	31	33	35	35	35	36	36	36	36	37	37
black gravel and black paved roads											
thsd.km	65,8	71,6	71,2	71,2	71,1	71,2	71,1	71,0	70,9	71,1	70,9
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 enterprises² For 2005

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10.28. Freight transportation intensity, by type of generally use transportation network

(mln.tkm per km of route)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Public railroads	20,8	8,6	7,8	8,0	8,7	10,2	10,6	10,2	11,0	12,0	11,9
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

10.29. Passengers traffic intensity, by type of transportation network

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Public railroads	3,34	2,80	2,32	2,24	2,29	2,38	2,35	2,40	2,43	2,43	2,45
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
Automobile 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
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
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
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

In 2008, 419,5 thsd. of flights were conducted in Ukraine's air territory, including 323,3 thsd. of flights by foreign aeroplanes and helicopters, of which 60,0 thsd. of flights took off or landed on the territory of Ukraine.

10.30. Average distance of transportation of one tonne of freight, by type of selected carrier

(km)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Railway ¹	486	543	484	479	492	506	506	497	503	511	516
Sea	4989	5921	1362	1222	1007	1119	1058	1120	1393	1413	1378
River	181	442	706	534	550	473	473	491	441	375	398
Automobile	16	19	21	19	22	25	28	31	35	37	43
Pipeline	703	753	859	851	915	889	915	932	955	929	962

¹ The 1990 and 1995 data show average distance for dispatching of 1 t of cargo; the 2000–2008 data show average distance for transporting of 1 t of cargo

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10.31. Average distance of transportation of one passenger, by type of selected carrier

(km)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Railway	124	110	104	106	109	110	112	118	119	119	119
Sea	43	62	15	5	7	7	6	6	8	13	10
River	31	21	12	26	23	26	26	24	30	30	34
Air	1083	1723	1489	1416	1392	1613	1687	1608	1900	1896	1745
Automobile (buses)	11	10	11	11	12	12	13	14	14	13	14
Trolley-buses	7	7	7	7	7	6	6	6	6	6	6
Trams	7	7	7	7	7	6	6	6	6	6	6
Subway	7	7	7	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
Traffic accidents, thsd.	...	...	...	...	...	...	...	...	195,6	278,8	312,8
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
of which fatality accidents	8,7	6,8	4,7	5,4	5,4	6,4	6,2	6,4	6,6	8,4	6,8
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
killed	9,6	7,5	5,2	6,0	6,0	7,1	7,0	7,2	7,6	9,6	7,7
injured	53,5	46,9	36,6	38,2	37,9	47,5	53,6	56,0	60,0	78,5	63,3
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
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
injured, thsd. persons	...	32,9	27,3	27,5	26,6	34,3	36,6	38,3	43,3	56,6	44,0

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 remains unsafe because of violation of the traffic rules by drunk drivers, pedestrians and others. In 2008 the number of traffic accidents caused by drunk people totalled 4,8 thsd., as a result 517 people were killed (6,7% of all people killed) and 4,3 thsd. injured (6,8% of all people injured).

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10.33. Persons killed and injured due to road accidents

(persons)

	1995		2000		2005		2006		2007		2008	
	killed	injured	killed	injured	killed	injured	killed	injured	killed	injured	killed	injured
All victims	7530	46943	5185	36636	7229	55999	7592	60018	9574	78528	7718	63254
pedestrians	3117	17167	2324	14208	3063	17184	2976	17217	3594	19948	3054	16405
bicyclists	634	3195	499	2819	544	3205	527	3189	666	4180	492	3966
drivers and passengers												
motorbikes	40	430	27	243	41	564	92	1485	154	2102	565	6848
motorcycles	970	5852	455	2982	285	2054	461	4336	502	3200	461	2859
motor cars	2348	18014	1619	14614	2280	24731	2592	25621	2844	30335	2876	29804
intercity and intra-city buses, trams and trolley-buses	64	729	31	545	294	3204	298	3008	99	1640	63	1918
trucks	180	1051	165	965	546	4309	508	4440	423	2942	122	1026
other power-driven carriers	152	348	61	208	139	542	120	552	1259	13833	54	254
horse-driven carriers and riders	25	157	4	52	37	206	18	170	33	348	31	174

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10.34. Revenues of enterprises from post and communications services

(at current prices including VAT)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
	KRB mln.	KRB bln.	UAH mln.								
Total	1935	135399	6861	8754	10720	14663	21124	27411	33503	39966	46106
by type of communication											
post	613	22462	519	552	696	733	949	1340	1307	1574	2104
telegraph	144	3001	40	38	35	39	73	60	57	57	52
telephone urban and rural	317	41886	1746	1949	2265	2687	2780	2778	3179	3862	3953
intercity (including international)	649	56632	2824	3566	4185	4637	6033	6624	6184	5879	5511
courier activity	...	...	...	...	...	...	...	...	178	237	310
wire radio broadcasting	93	4585	66	59	56	52	50	48	81	110	146
special and communication service	42	988	23	52	60	109	152	194	64	94	120
TV and radio broadcasting	71	5097	160	202	254	354	531	673	854	1102	1432
of which cable TV	...	...	...	...	...	...	...	...	542	741	1002
centrukrchastotnaglyad (Ukrainian State Center of Radio-Frequencies)	6	748	32	42	54	80	103	158	219	288	330
satellite	...	...	25	18	19	34	35	51	68	70	102
computer	...	...	151	219	360	643	935	1009	1256	1632	2416
of which provision of Internet access	...	...	...	...	...	...	...	...	1058	1376	2072
mobile	...	...	1275	2057	2736	5295	9483	14476	20056	25061	29630
cellular	...	...	1231	2022	2705	5267	9456	14453	20035	25028	29606
pager	...	...	34	26	20	17	12	8	6	5	2
trunk	...	...	10	9	11	11	15	15	15	21	22

In 2008 within the total amounts of services related to mail communications, EMS, international express mail, made up 1,0%.

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10.35. Revenues of enterprises from post and communications services rendered to the population

(at current prices including VAT)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
	KRB mln.	KRB bln.	UAH mln.								
Total	778	39031	3115	4034	4508	6077	8351	10980	13316	16126	18732
by type of communication											
post	...	3694	150	184	218	231	261	325	302	296	366
telegraph	...	1086	22	22	20	19	18	16	17	17	14
telephone urban and rural	...	11157	1072	1134	1327	1560	1551	1661	1947	2332	2445
intercity (including international)	...	20729	1209	1436	1469	1785	2455	2909	2730	2461	2242
courier activity	...	...	...	...	...	...	...	...	3	5	6
wire radio broadcasting	...	2365	43	39	37	35	33	32	64	90	119
special and communication service	...	—	0	0	0	2	2	3	0	—	—
TV and radio broadcasting	...	—	68	98	128	190	299	406	533	726	974
of which cable TV	...	...	...	...	...	...	...	...	529	721	971
centrukrchastotnaglyad (Ukrainian State Center of Radio-Frequencies)	...	—	1	1	2	2	2	1	1	1	1
satellite	...	...	—	0	—	0	0	0	0	0	0
computer	...	...	17	22	31	49	84	144	251	472	953
of which provision of Internet access	...	...	...	...	...	...	...	...	248	468	942
mobile	...	...	533	1098	1276	2204	3646	5483	7468	9726	11612
cellular	...	...	524	1090	1272	2202	3645	5482	7467	9725	11610
pager	...	...	8	7	3	1	0	0	0	0	0
trunk	...	...	1	1	1	1	1	1	1	1	2

In 2008 within the total amount of services of mail communications rendered to the population, EMS, international express mail, made up 2,0%.

10.36. Services rendered by public post and communications enterprises

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Dispatched, mln.											
newspapers and magazines	11657	1595	1250	1277	1316	1278	1393	1454	1410	1258	1273
letters	1473	609	299	315	326	317	346	381	390	380	391
telegrams	73	25	12	11	10	9	8	6	6	4	3
parcels	43	3	5	7	6	7	7	10	13	16	18
money transfers and pension payments	178	280	224	180	174	168	186	178	152	151	160
Long-distance telephone calls (including international), mln.	657	798	1375	1632	1833	2276	3793	4503	3970	5139	8536
Per capita of available population											
dispatched, units											
letters	28	12	6	6	7	7	7	8	8	8	8
telegrams	1,4	0,5	0,2	0,2	0,2	0,2	0,2	0,1	0,1	0,1	0,1
parcels	0,8	0,1	0,1	0,1	0,1	0,1	0,2	0,2	0,3	0,4	0,4
long-distance telephone calls (including international)	13	16	28	34	38	48	80	96	85	111	185

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10.37. Public telephone communications

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

10.38. Availability of public telephones to the population

(units)

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

¹ Including departmental

² Since 2000, including international and universal

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10.39. Public telephones in urban and rural areas, by region

(thsd.)

	In urban areas							In rural areas						
	1990	1995	2000	2005	2006	2007	2008	1990	1995	2000	2005	2006	2007	2008
Ukraine	5176	6193	7397	9447	9920	10487	10835	997	1113	1196	1545	1600	1635	1655
Autonomous Republic of Crimea	278 ¹	246	291	364	383	393	402	44 ¹	49	53	69	68	71	71
oblasts														
Vinnitsya	122	148	171	208	229	241	254	61	67	68	89	86	88	90
Volyn	82	96	114	145	152	157	161	31	34	35	42	41	41	42
Dnipropetrovsk	424	499	627	848	912	939	959	42	44	48	75	76	73	72
Donetsk	507	575	690	906	957	993	994	36	37	39	44	45	45	44
Zhytomyr	133	155	176	210	221	230	236	45	52	55	66	66	65	66
Zakarpattia	75	84	93	114	107	111	114	30	34	41	60	76	81	83
Zaporizhzhya	253	310	355	480	488	522	534	40	47	54	65	68	69	69
Ivano-Frankivsk	97	109	125	163	172	175	177	39	45	50	70	72	75	76
Kyiv	141	182	228	272	279	287	296	56	67	77	98	103	105	107
Kirovohrad	106	129	147	167	174	179	176	31	31	31	38	38	38	37
Luhansk	295	336	372	419	431	462	463	23	23	24	28	29	30	30
Lviv	208	268	319	370	398	430	441	49	50	56	78	83	82	85
Mykolayiv	150	192	221	250	257	268	285	33	35	32	40	40	41	40
Odesa	255	317	419	593	636	751	923	48	53	56	72	77	79	81
Poltava	150	182	222	299	316	329	343	46	53	58	73	70	71	71
Rivne	88	106	124	155	160	166	171	33	35	37	51	54	54	54
Sumy	120	145	169	207	207	213	219	33	35	32	44	48	50	50
Ternopil	79	101	121	153	148	145	149	42	49	54	71	75	84	87
Kharkiv	359	419	505	662	716	762	770	42	50	55	63	64	64	65
Kherson	128	153	165	216	222	230	230	30	34	36	42	43	44	45
Khmelnyskiy	123	152	177	206	212	219	223	46	50	54	66	72	73	74
Cherkasy	136	160	190	223	234	240	242	42	50	53	72	73	74	75
Chernivtsi	67	75	95	119	123	125	129	30	35	46	64	69	72	74
Chernihiv	142	169	177	218	231	239	243	45	50	50	61	61	62	63
cities														
Kyiv	658	789	987	1367	1436	1526	1542	—	—	—	—	—	—	—
Sevastopol	...	96	117	113	119	155	159	...	4	2	4	3	4	4

¹ See the second footnote to Table 10.13

At the beginning of 2009 there were 55,7 mln. users of cellular communications services.

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10.40. Private telephones, by region

(thsd.)

	In urban areas							In rural areas						
	1990	1995	2000	2005	2006	2007	2008	1990	1995	2000	2005	2006	2007	2008
Ukraine	4161	5146	6331	7758	8100	8598	8778	573	798	1020	1395	1457	1492	1512
Autonomous Republic of Crimea	216 ¹	196	245	306	319	325	330	24 ¹	35	46	62	61	64	65
oblasts														
Vinnitsya	94	119	144	178	195	204	212	36	47	56	80	77	81	82
Volyn	61	76	97	123	128	132	135	17	24	29	37	37	37	37
Dnipropetrovsk	347	416	539	702	750	769	775	24	30	42	68	69	66	65
Donetsk	420	486	591	728	758	787	788	20	25	33	38	40	40	38
Zhytomyr	107	130	154	181	191	197	201	27	39	47	59	60	59	61
Zakarpattia	54	64	76	92	85	87	89	19	27	36	56	71	76	78
Zaporizhzhya	207	263	311	411	419	441	449	24	33	45	58	61	62	62
Ivano-Frankivsk	74	88	106	138	145	148	149	25	37	45	65	68	70	72
Kyiv	113	154	201	237	244	250	257	34	49	67	89	93	96	97
Kirovohrad	83	106	126	144	149	152	150	17	21	26	33	34	34	34
Luhansk	244	287	330	373	384	400	401	12	14	20	25	26	27	27
Lviv	164	223	276	317	333	358	366	27	36	48	70	76	75	78
Mykolayiv	123	163	193	217	223	230	237	18	25	27	35	36	36	36
Odesa	204	264	352	488	514	615	763	29	40	48	65	70	72	74
Poltava	118	150	191	249	265	274	283	25	35	47	64	62	63	64
Rivne	66	86	106	130	136	140	144	17	25	32	46	49	49	49
Sumy	92	118	144	178	181	184	186	16	21	25	38	42	44	45
Ternopil	61	83	104	118	126	122	124	25	38	48	66	70	79	81
Kharkiv	302	359	444	566	594	638	649	24	34	48	57	58	59	59
Kherson	101	125	138	178	185	191	194	15	23	28	38	39	40	40
Khmelnyskiy	98	129	154	178	182	187	189	27	36	46	61	66	67	68
Cherkasy	106	132	163	191	200	204	204	25	35	44	66	67	68	69
Chernivtsi	53	60	80	98	102	103	105	20	29	42	61	66	68	71
Chernihiv	109	139	152	188	198	204	207	26	37	43	55	56	57	57
cities														
Kyiv	544	648	811	951	992	1123	1056	—	—	—	—	—	—	—
Sevastopol	...	82	103	98	102	133	135	...	3	2	3	3	3	3

¹ See the second footnote to Table 10.13

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10.41. Inter-city public telephones, by region

(units)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine¹	18281	13291	21404	34042	45869	48697	51951	57818	55950	47282	41616
Autonomous Republic of Crimea	1923 ²	1600	2754	3352	4200	4251	4577	4575	3712	3051	2505
oblasts											
Vinnitsya	580	469	594	1014	1353	1394	1599	1890	1706	1363	1093
Volyn	285	130	434	656	914	908	918	927	812	707	531
Dnipropetrovsk	1332	1365	1442	2495	3090	3177	3372	4899	4501	3878	3512
Donetsk	1338	1105	1496	2232	3070	3415	4044	5619	5574	4597	4050
Zhytomyr	557	390	544	734	907	971	1073	1203	1187	1154	1078
Zakarpattia	297	73	296	564	762	749	790	777	691	614	526
Zaporizhzhya	1113	910	1138	1729	2890	3093	3470	3663	4036	2834	1846
Ivano-Frankivsk	355	184	355	885	932	969	977	993	937	856	825
Kyiv	703	442	746	991	1077	1135	1193	1313	1300	1170	1044
Kirovohrad	357	163	311	614	738	780	840	1034	942	812	768
Luhansk	830	637	863	1387	1914	1989	2321	2294	2008	1832	1565
Lviv	931	453	1141	1589	2191	2461	2972	3151	2664	2338	2238
Mykolayiv	410	269	378	628	802	808	1043	1736	1513	1429	1301
Odesa	1046	1027	2236	2667	3196	4180	3638	3514	3565	2996	2695
Poltava	614	470	440	591	871	939	946	1121	1251	980	824
Rivne	276	117	307	500	613	610	608	776	784	702	687
Sumy	483	378	453	728	851	903	912	1029	1008	811	743
Ternopil	370	245	378	638	1089	1074	1071	1066	915	761	634
Kharkiv	914	816	928	2085	2854	2895	2908	3136	4532	3869	3569
Kherson	459	388	521	962	1389	1547	1815	2002	1759	1623	1418
Khmelnyskiy	421	192	434	705	1464	1455	1447	1441	1443	1169	1051
Cherkasy	411	257	464	664	771	804	928	1056	970	877	797
Chernivtsi	270	25	370	613	940	819	956	980	940	803	725
Chernihiv	493	253	399	687	1048	965	1061	1038	965	844	716
cities											
Kyiv	1513	821	1584	3758	5155	5400	5311	5279	5037	4084	3784
Sevastopol	...	112	398	574	788	1006	1161	1306	1198	1128	1091

¹ See the second footnote to Table 10.38

² See the second footnote to Table 10.13

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10.42. Demand and availability of private telephones, by region

	Declined applications for home telephone devices, thsd.							Installed home telephones (per 100 families)						
	1995	2000	2004	2005	2006	2007	2008	1995	2000	2004 ¹	2005 ¹	2006 ¹	2007 ¹	2008 ¹
Ukraine	3410	2507	2080	1902	1619	1271	1053	33	41	51	54	57	60	61
Autonomous Republic of Crimea	161	123	125	119	109	96	92	30	38	48	50	52	53	54
oblasts														
Vinnytsya	94	83	68	65	60	49	35	26	31	36	39	42	43	45
Volyn	46	34	32	29	26	22	18	33	40	44	47	48	50	51
Dnipropetrovsk	363	257	80	78	74	72	70	31	40	57	60	64	65	65
Donetsk	397	345	304	297	276	162	138	26	32	44	47	49	50	50
Zhytomyr	89	60	56	74	66	58	44	34	39	45	47	50	51	53
Zakarpattia	52	34	36	34	28	25	22	22	28	37	41	44	45	47
Zaporizhzhya	163	114	79	65	48	36	26	38	49	64	68	70	73	74
Ivano-Frankivsk	64	51	65	66	55	50	47	29	33	42	44	47	48	49
Kyiv	159	111	111	111	89	83	74	32	39	49	50	52	54	56
Kirovohrad	71	47	43	44	29	21	19	32	32	40	41	43	43	43
Luhansk	219	134	102	100	90	60	41	29	34	45	46	47	49	49
Lviv	168	130	128	111	101	87	76	27	38	51	54	57	59	60
Mykolayiv	83	57	40	31	25	19	12	41	46	53	55	57	59	60
Odesa	171	161	104	63	43	41	30	33	45	64	69	72	83	100
Poltava	131	103	89	61	52	35	34	27	37	47	50	53	55	56
Rivne	41	27	39	39	31	26	21	25	37	44	46	49	50	51
Sumy	81	64	58	58	53	42	30	28	34	43	46	48	51	52
Ternopil	36	29	39	36	30	23	17	34	44	48	50	54	55	57
Kharkiv	277	221	170	153	120	92	74	35	44	57	60	63	67	69
Kherson	79	56	38	33	21	20	14	31	37	47	51	54	56	57
Khmelnyskiy	60	48	88	63	52	33	21	35	40	45	47	49	51	52
Cherkasy	97	77	72	71	61	46	34	30	36	45	48	50	51	51
Chernivtsi	34	24	40	42	33	35	32	28	40	48	51	54	56	57
Chernihiv	75	54	39	34	28	24	19	39	39	48	50	53	55	57
cities														
Kyiv	157	44	19	12	8	5	4	59	84	88	92	95	109	102
Sevastopol	42	19	16	13	11	9	9	59	70	90	94	97	101	103

¹ See the first footnote to Table 10.38

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

(thsd. numbers)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	295,8	279,3	241,1	321,1	506,6	712,3	783,5	727,8	516,1	422,1	210,3
Autonomous Republic of Crimea	8,7	29,3	6,6	8,0	17,3	18,1	18,7	16,3	11,9	11,0	6,2
oblasts											
Vinnitsya	12,2	8,2	1,2	3,8	4,9	10,1	34,3	15,5	25,0	17,1	9,4
Volyn	6,0	3,1	1,8	3,8	14,3	11,2	15,4	7,2	2,4	7,9	1,1
Dnipropetrovsk	28,0	28,3	25,7	33,2	33,0	53,5	51,4	39,1	51,5	47,9	18,4
Donetsk	3,0	26,0	18,6	24,3	43,2	33,7	46,5	44,3	45,5	25,7	15,7
Zhytomyr	5,5	3,2	1,0	1,0	17,8	5,9	9,5	9,8	11,9	8,3	12,1
Zakarpattia	4,5	6,3	0,3	8,7	13,1	13,2	12,6	14,5	1,6	9,9	0,0
Zaporizhzhya	6,7	22,2	10,6	8,5	43,4	37,3	28,5	29,1	31,7	17,6	14,5
Ivano-Frankivsk	4,4	5,4	1,2	3,2	14,4	12,2	9,5	12,1	10,9	10,6	2,4
Kyiv	7,0	8,6	14,5	5,1	9,3	19,7	24,0	17,3	17,8	17,8	28,0
Kirovohrad	14,7	5,1	0,7	6,1	5,9	18,0	7,9	17,8	13,7	16,7	—
Luhansk	8,4	24,0	11,4	14,0	21,2	19,6	22,4	28,1	51,7	34,1	11,8
Lviv	7,3	6,7	9,2	13,1	28,6	28,3	12,1	32,2	13,6	21,7	11,2
Mykolayiv	5,4	7,4	1,4	1,2	4,6	10,9	10,6	15,6	12,2	8,0	16,6
Odesa	23,5	6,0	26,0	28,4	32,8	32,6	33,0	98,6	27,5	30,3	—
Poltava	5,0	6,8	6,6	15,8	20,7	35,4	8,1	22,6	15,3	15,6	15,6
Rivne	5,1	6,8	5,5	4,6	15,5	6,9	5,1	13,4	7,7	2,8	0,9
Sumy	16,5	8,9	7,0	14,4	11,1	18,1	6,2	6,8	3,7	14,2	2,3
Ternopil	6,3	5,9	2,1	7,7	21,0	14,9	21,9	10,0	8,2	3,9	1,0
Kharkiv	16,0	8,2	15,6	15,6	43,4	74,0	86,7	81,4	47,6	26,5	16,3
Kherson	1,0	3,1	1,4	5,1	14,8	9,5	20,0	33,2	13,2	10,0	1,3
Khmelnyskiy	5,8	5,6	8,7	6,1	6,9	6,4	15,1	18,9	20,3	4,6	4,5
Cherkasy	2,0	9,0	9,4	3,9	8,8	9,8	11,6	21,6	17,6	18,4	0,9
Chernivtsi	3,8	1,5	0,1	4,9	5,6	34,9	2,8	4,4	5,2	0,7	11,0
Chernihiv	12,5	1,4	6,4	2,9	9,9	2,3	3,6	9,7	4,7	16,4	1,5
cities											
Kyiv	75,5	30,1	45,3	75,2	38,0	161,9	256,1	95,4	28,5	16,3	7,6
Sevastopol	1,0	2,2	2,8	2,5	7,1	13,9	9,9	12,9	15,2	8,1	—

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 to calculate 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 **country of origin**.

The goods are valued in national currency. Conversions into the 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 the US dollars and national currency are made using the official average quarterly exchange rate set on the basis of the NBU daily exchange rates.

Direct investment refers to contributions made by non-residents into the authorized capital of a resident enterprise. They imply that non-residents have the right of ownership for the purchased property, property complexes or shares, bonds and other securities that equal to no less than 10% of the authorized capital value of the resident enterprise. This is also investment obtained from concessions and contracts made about the joint investment activity. The category of direct investment includes loans and borrowings received from direct investors.

Direct investment is a long-term economic relationship that involves a continuing investor's interest in having a significant impact on the management of the resident enterprise in order to get a profit or achieve a social effect.

11.1. Foreign trade in goods, by country

(mln. USD)

	Exports				Imports			
	2000	2005	2007	2008	2000	2005	2007	2008
Total	14572,5	34228,4	49296,1	66954,4	13956,0	36136,3	60618,0	85535,3
CIS countries	4497,5	10730,6	18614,6	23809,4	8039,9	17029,3	25569,5	33569,4
Azerbaijan	40,8	290,5	631,1	910,5	23,8	27,8	31,1	75,7
Belarus	272,1	891,1	1561,5	2105,6	601,9	939,8	1445,4	2809,6
Armenia	12,1	97,3	215,1	263,6	3,4	13,2	35,8	25,5
Georgia	37,8	199,5	527,6	656,0	10,3	41,0	100,2	191,6
Kazakhstan	76,8	667,1	1433,5	1832,6	412,8	186,4	1686,6	3118,9
Kyrgyzstan	6,2	31,6	71,4	83,7	2,4	5,7	6,3	9,1
Moldova, Republic of	176,3	678,6	911,3	1172,0	35,3	84,2	168,2	169,6
Russian Federation	3515,6	7490,1	12668,5	15735,6	5824,9	12842,5	16838,2	19414,2
Tajikistan	97,4	46,9	51,2	77,7	0,9	5,3	4,4	5,4
Turkmenistan	148,4	187,2	196,6	376,9	946,2	2678,1	4707,4	5631,7
Uzbekistan	114,0	150,6	346,9	595,3	178,0	205,3	546,0	2118,3

FOREIGN ECONOMIC ACTIVITY

Table 11.1 is continued

	Exports				Imports			
	2000	2005	2007	2008	2000	2005	2007	2008
Rest of the world	10075,0	23497,8	30681,5	43145,0	5916,1	19107,0	35048,5	51965,9
Europe	4680,2	10881,4	14773,8	19732,8	4311,5	12666,4	23048,9	30477,0
including								
Austria	163,6	317,3	429,4	593,5	185,1	458,4	800,4	1031,2
Albania	4,4	54,2	104,0	80,4	0,1	1,1	0,1	0,4
Belgium	106,5	197,6	189,9	364,7	134,7	314,0	562,0	725,4
Bulgaria	382,5	543,0	554,0	1106,0	60,4	108,7	169,6	239,4
Bosnia and Herzegovina	2,5	15,0	78,1	101,2	0,9	3,2	6,6	10,8
Gibraltar	1,4	0,2	82,1	22,2	4,8	—	0,0	0,1
Greece	48,1	137,4	221,0	339,4	38,5	67,7	117,3	171,8
Denmark	24,7	106,7	197,8	195,2	68,2	176,0	286,9	339,3
Estonia	55,1	125,1	217,9	173,9	46,0	102,6	152,7	177,6
Ireland	27,2	6,7	13,7	28,8	25,7	45,2	87,9	126,3
Iceland	0,7	1,2	3,5	0,0	3,8	13,1	37,5	43,0
Spain	162,9	573,5	557,4	870,0	100,2	233,5	429,3	660,2
Italy	638,9	1892,6	2675,1	2911,7	346,0	1030,2	1788,7	2432,1
Latvia	166,5	311,4	258,6	280,5	43,5	64,5	118,6	113,1
Lithuania	83,3	209,3	363,3	432,3	135,4	200,0	380,4	723,9
Luxembourg	1,4	26,8	1,5	7,9	8,9	21,6	21,3	23,0
Macedonia, the former Yugoslav Republic of	42,4	35,9	97,1	184,1	1,7	2,6	8,3	7,3
Malta	4,1	15,1	32,4	53,1	0,1	0,3	0,8	2,4
Netherlands	138,0	515,3	765,7	1117,9	146,6	464,1	881,0	1283,7
Germany	741,4	1285,2	1644,5	1837,1	1134,4	3383,8	5830,0	7165,3
Norway	18,1	46,9	114,9	139,5	44,0	128,3	240,9	280,5
Poland	417,9	1010,4	1636,9	2338,3	312,5	1405,9	2920,5	4280,3
Portugal	20,1	19,9	80,7	63,1	7,7	27,9	37,3	61,7
Romania	164,6	488,8	628,6	670,8	48,2	211,8	778,9	1171,1
San-Marino	5,3	4,9	1,7	1,1	0,6	0,4	0,5	0,9
Serbia	—	—	—	555,6	—	—	—	87,9
Slovakia	230,9	507,7	645,2	910,2	124,4	304,0	523,5	742,5
Slovenia	9,0	32,5	42,5	27,5	29,8	125,0	545,3	232,0
United Kingdom	137,7	358,2	324,8	640,6	202,8	502,7	886,4	1375,8
Hungary	327,3	688,8	1235,1	1367,1	165,4	647,7	1240,9	1282,7
Finland	24,0	28,7	46,4	59,1	95,9	351,1	544,6	686,3
France	111,7	199,9	485,6	513,5	236,1	798,9	1330,0	1682,5
Croatia	15,3	59,9	104,9	136,2	8,4	19,4	55,8	60,2
Czech Republic	188,9	376,9	429,0	670,8	162,9	594,0	1154,6	1376,0
Switzerland	148,8	395,8	96,5	831,3	216,4	252,5	429,8	1171,6
Sweden	8,3	41,6	64,9	105,1	150,4	547,4	610,4	696,2

FOREIGN ECONOMIC ACTIVITY

Table 11.1 is continued

	Exports				Imports			
	2000	2005	2007	2008	2000	2005	2007	2008
Asia	3437,9	8377,4	10354,0	15231,0	832,0	4644,5	8942,0	15306,2
including								
Afghanistan	4,2	7,2	30,2	40,1	0,2	0,1	0,1	0,7
Bangladesh	4,0	18,4	34,8	54,5	0,3	2,1	5,5	11,0
Bahrain	0,9	5,9	11,8	2,4	—	—	0,1	0,4
Vietnam	67,1	145,3	67,0	168,0	21,1	41,3	82,8	171,3
Hong Kong	2,8	5,0	19,6	54,0	4,4	10,3	26,8	37,9
Yemen	4,9	28,3	36,6	9,3	—	0,1	2,3	0,0
Israel	105,9	290,7	323,9	463,0	63,2	63,0	99,9	172,3
India	168,3	736,9	744,1	1005,6	76,0	321,3	464,9	649,9
Indonesia	76,7	216,4	418,2	460,3	28,4	124,0	367,2	426,0
Iraq	68,1	77,6	29,3	143,0	—	0,2	0,2	127,5
Iran, Islamic Republic of	90,6	576,9	506,6	859,2	4,9	18,2	48,3	71,7
Jordan	44,9	182,1	430,9	998,4	2,9	10,8	10,4	16,8
Qatar	—	12,9	3,1	20,0	0,1	0,0	0,3	3,5
China	628,9	711,1	431,7	547,5	131,9	1810,5	3307,5	5601,5
Cyprus	176,5	217,0	174,5	451,4	29,4	4,8	19,4	66,6
Korea, Democratic People's Republic	7,3	0,2	1,4	2,2	6,2	2,1	6,1	8,3
Korea, Republic of	146,3	202,2	177,2	625,7	109,9	648,5	1564,9	2046,2
Kuwait	0,4	16,4	25,4	39,6	0,0	0,6	0,2	1,1
Lebanon	61,1	102,4	136,2	339,9	1,1	2,0	4,4	6,6
Malaysia	16,3	26,1	40,9	13,2	23,2	161,6	142,5	352,2
Mongolia	1,3	19,5	26,1	36,5	4,2	11,7	14,2	11,5
Myanmar	13,8	17,0	23,1	2,5	0,0	0,2	0,1	0,3
United Arab Emirates	68,4	345,2	612,2	898,8	2,8	10,4	32,3	78,4
Oman	5,5	47,9	92,9	177,6	0,8	0,5	0,2	0,9
Pakistan	30,2	273,9	193,4	177,9	3,0	10,1	14,5	29,6
Saudi Arabia	35,9	386,5	523,5	956,4	0,4	3,0	4,0	12,2
Syrian Arab Republic	160,4	672,1	846,9	1037,3	1,8	27,7	36,4	104,0
Singapore	71,0	489,6	353,4	457,9	4,7	18,3	22,0	41,1
Thailand	92,2	141,8	104,6	270,2	11,3	58,0	113,8	232,7
Taiwan, Province of China	242,4	134,5	115,5	27,5	19,7	96,7	127,5	212,1
Turkey	868,5	2026,7	3645,3	4633,3	159,9	607,7	972,3	1950,1
Philippines	78,1	132,6	67,2	114,1	5,0	5,6	8,8	18,1
Sri Lanka	24,3	25,9	12,9	24,6	16,1	23,4	32,2	42,9
Japan	68,4	82,0	91,0	115,7	99,1	548,2	1406,6	2795,8

FOREIGN ECONOMIC ACTIVITY

Table 11.1 is continued

	Exports				Imports			
	2000	2005	2007	2008	2000	2005	2007	2008
Africa	731,5	2393,9	2792,0	3902,4	136,4	426,2	673,1	1559,1
including								
Algeria	235,8	617,2	440,0	345,0	0,0	4,9	5,0	8,2
Angola	5,8	5,2	7,5	17,4	0,0	0,0	—	0,1
Benin	0,3	6,3	27,7	11,8	0,0	0,0	0,0	0,0
Gabon	—	0,7	5,4	5,4	—	75,3	106,8	309,3
Ghana	10,1	24,4	48,8	49,6	24,3	55,5	222,5	553,0
Guinea	6,3	10,0	12,3	20,7	50,4	115,9	76,3	88,9
Equatorial Guinea	1,1	0,4	14,9	11,3	—	0,0	—	0,3
Ethiopia	36,8	39,7	94,3	42,6	0,1	0,1	0,2	0,3
Egypt	221,0	798,8	880,0	1560,0	2,4	37,1	77,5	90,9
Cameroon	5,7	16,5	25,8	34,5	0,9	1,0	0,4	0,6
Kenya	2,8	26,6	62,9	82,1	0,1	0,6	1,7	2,8
Congo	2,4	2,3	6,9	1,5	0,0	0,3	0,5	0,4
Côte-d'Ivoire	1,3	12,1	27,3	27,4	23,7	40,9	81,5	103,8
Liberia	2,9	1,4	2,0	4,2	0,0	1,4	9,5	11,4
Libyan Arab Jamahiriya	1,7	63,6	180,4	124,9	0,0	1,1	0,2	0,1
Mauritania	14,3	16,6	23,5	21,5	0,5	5,7	2,9	4,8
Malawi	—	0,2	0,1	0,1	6,5	9,5	10,6	10,9
Mali	0,7	14,7	20,5	18,0	—	0,0	0,0	0,0
Morocco	60,8	128,4	177,4	256,1	0,3	5,1	3,6	6,0
Mozambique	0,0	8,4	2,9	15,8	0,5	2,6	3,8	6,2
Nigeria	76,7	212,3	268,5	393,5	0,3	1,9	0,6	0,7
Tanzania, United Republic of	0,2	15,9	13,2	66,4	2,3	5,1	2,8	5,6
South Africa	6,2	24,8	12,2	33,8	3,1	51,6	57,9	341,3
Senegal	0,8	46,8	90,3	60,3	0,0	0,0	0,0	0,2
Sudan	4,4	51,3	32,2	39,1	0,4	0,1	0,3	0,4
Togo	1,6	5,9	15,4	9,0	0,1	0,0	0,1	0,1
Tunisia	25,8	183,7	244,0	490,0	6,3	0,6	1,4	2,5
Uganda	0,2	7,7	12,3	33,2	0,1	2,0	0,2	0,5
Chad	0,9	4,5	12,3	77,5	0,0	0,0	—	0,4

FOREIGN ECONOMIC ACTIVITY

Table 11.1 is continued

	Exports				Imports			
	2000	2005	2007	2008	2000	2005	2007	2008
America	1217,5	1831,2	2686,3	4144,0	581,4	1265,5	2255,4	4190,6
including								
Argentina	7,8	15,9	86,1	36,8	6,1	38,5	70,4	139,1
Bahamas	2,7	0,9	2,1	3,4	0,8	0,6	1,1	1,1
Belize	4,1	15,0	2,7	5,7	0,0	0,1	0,2	1,2
Brazil	75,2	110,0	366,8	468,8	93,9	312,5	430,9	562,3
Venezuela	8,4	7,7	50,0	28,3	0,1	0,0	0,9	0,2
Virgin Islands, British	99,9	261,0	610,8	862,0	17,2	0,8	0,6	0,7
Guyana	—	0,1	0,7	0,1	24,2	0,0	36,9	48,0
Guatemala	15,1	16,2	5,3	14,3	6,1	1,3	3,7	1,2
Honduras	5,2	7,7	11,0	49,5	0,0	1,0	0,5	0,2
Dominican Republic	13,9	6,9	0,7	116,7	—	0,4	1,0	3,1
Ecuador	11,0	34,3	19,5	36,4	13,1	66,3	89,3	157,4
Canada	59,2	90,1	95,4	144,1	24,8	87,0	132,1	260,2
Colombia	12,0	31,4	44,6	52,4	1,6	7,8	5,2	27,3
Costa Rica	9,4	9,5	37,8	12,9	0,8	4,7	4,5	9,1
Cuba	10,3	21,6	19,6	47,6	5,4	1,5	1,8	3,0
Mexico	50,5	116,9	166,8	140,9	2,4	8,5	23,8	87,4
Panama	73,5	15,7	10,3	23,8	8,3	4,0	4,0	5,6
Peru	6,2	37,0	30,3	25,2	0,2	3,1	2,5	4,1
El Salvador	4,2	2,3	9,7	22,5	0,0	3,1	0,0	0,1
USA	725,3	956,5	1058,0	1949,1	360,4	710,0	1404,5	2808,2
Uruguay	0,3	0,1	7,4	1,5	0,2	2,8	10,6	12,8
Chile	13,1	38,2	35,5	94,2	0,2	9,9	21,0	46,9
Australia and Oceania	7,0	13,7	15,7	64,0	54,7	103,9	128,4	431,7
including								
Australia	5,2	9,6	12,8	56,3	53,8	85,3	120,6	411,2
New Zealand	0,7	3,8	2,8	6,4	0,9	2,4	7,7	20,4
Others	0,9	0,2	59,7	70,8	0,1	0,5	0,7	1,3

FOREIGN ECONOMIC ACTIVITY

11.2. Exports/imports of goods in 2008, by region

	Exports			Imports		
	number of agents in external economic activity	value, mln. USD	percentage of total	number of agents in external economic activity	value, mln. USD	percentage of total
Ukraine	15538	66954,4	100,0	34447	85535,3¹	100,0
Autonomous Republic of Crimea	221	586,5	0,9	427	431,1	0,5
oblasts						
Vinnitsya	330	482,8	0,7	402	417,8	0,5
Volyn	283	465,0	0,7	443	1307,7	1,5
Dnipropetrovsk	1087	13163,5	19,7	2104	8684,9	10,2
Donetsk	853	14409,5	21,5	1342	4924,6	5,8
Zhytomyr	436	521,2	0,8	402	456,8	0,5
Zakarpattia	483	1220,6	1,8	645	1866,1	2,2
Zaporizhzhya	500	5370,1	8,0	714	3591,0	4,2
Ivano-Frankivsk	349	721,7	1,1	420	726,4	0,8
Kyiv	465	943,1	1,4	1097	3464,0	4,0
Kirovohrad	157	391,6	0,6	164	238,0	0,3
Luhansk	445	6361,0	9,5	451	1780,7	2,1
Lviv	713	998,5	1,5	1614	2572,4	3,0
Mykolayiv	248	1649,8	2,5	283	916,5	1,1
Odesa	689	2314,9	3,5	1629	4762,8	5,6
Poltava	322	2574,6	3,8	423	1295,3	1,5
Rivne	242	452,1	0,7	349	533,4	0,6
Sumy	288	913,4	1,4	251	547,3	0,6
Ternopil	149	144,3	0,2	280	339,8	0,4
Kharkiv	1009	1551,5	2,3	1503	2475,0	2,9
Kherson	223	400,3	0,6	249	305,8	0,4
Khmelnyskiy	227	418,1	0,6	359	544,6	0,6
Cherkasy	266	867,0	1,3	327	1022,9	1,2
Chernivtsi	208	166,3	0,2	262	194,9	0,2
Chernihiv	214	418,6	0,6	246	377,1	0,4
cities						
Kyiv	2567	8653,5	12,9	7860	36097,5	42,2
Sevastopol	121	124,0	0,2	133	75,6	0,1

¹ Including part of crude oil

FOREIGN ECONOMIC ACTIVITY

11.3. Commodity structure of foreign trade in 2008

(mln. USD)

	Exports		Imports	
	total	share of total exports, percent	total	share of total imports, percent
Total	66954,4	100,0	85535,3	100,0
including by UCCFT ¹ category				
livestock and products of cattle farming	783,4	1,2	1702,0	2,0
products of plant-growing industry	5577,4	8,3	1462,5	1,7
animal and vegetable oils and fats	1945,7	2,9	612,9	0,7
finished foodstuffs	2518,2	3,8	2679,2	3,1
mineral products	7046,1	10,5	25441,3	29,7
products of chemical industry and other industries related to chemical	5045,3	7,5	6959,1	8,1
polymers, rubber and plastic products	997,7	1,5	4476,6	5,2
leather and fur and articles of leather and fur	359,5	0,5	232,5	0,3
wood and wood products	801,2	1,2	545,8	0,6
timber and other pulp	874,4	1,3	1835,2	2,1
textiles and textile products	984,6	1,5	2099,2	2,5
footwear, headdress and umbrellas	178,1	0,3	531,1	0,6
articles of stone, plaster, cement, ceramics, glass	454,8	0,7	1276,5	1,5
precious or semi-precious stones, precious metals and articles thereof	146,9	0,2	1032,0	1,2
non-precious metals and articles thereof	27594,0	41,2	6390,1	7,5
mechanic equipment; machinery and equipment, electric equipment and their parts; video and audio recording and playback devices	6341,1	9,5	13379,8	15,6
transportation means and road equipment	4321,3	6,5	12091,4	14,1
optical equipment and apparatus, photo, cinematographic, measuring, medical and surgical equipment and apparatus, watches and clocks, musical instruments	242,7	0,4	1222,6	1,4
miscellaneous manufactured goods	438,9	0,7	1011,0	1,2
art products	0,7	0,0	4,1	0,0
goods purchased at ports	59,4	0,1	515,0	0,6
miscellaneous	242,9	0,4	35,4	0,0

¹ Ukrainian Classification of Commodities in Foreign Trade

FOREIGN ECONOMIC ACTIVITY

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

	Exports				Imports			
	2000	2005	2007	2008	2000	2005	2007	2008
Total	242008,5	38662,6	83509,0	70694,6	920129,3	1713405,1	2506748,4	2502363,9
CIS countries	3406,0	4618,3	7291,3	3714,3	59731,8	573138,8	446029,1	280348,8
including								
Belarus	35,3	—	—	—	3473,6	8763,9	7360,0	4691,5
Armenia	31,5	—	—	—	85,8	124,1	—	—
Georgia	—	—	—	—	3,7	3870,5	—	0,0
Kazakhstan	—	—	—	—	4465,4	966,6	64,6	1111,5
Kyrgyzstan	—	—	—	—	145,0	2,7	—	—
Moldova, Republic of	684,1	38,7	—	—	250,5	514,4	447,3	369,4
Russian Federation	233,0	4579,7	7291,3	3714,3	51150,8	558509,5	437000,4	272806,2
Tajikistan	—	—	—	—	43,8	10,3	—	—
Uzbekistan	2422,1	—	—	—	113,2	376,8	1155,8	1343,8
Rest of the world	238602,5	34044,3	76217,7	66980,3	860397,5	1140266,4	2060719,3	2222015,1
Europe	206976,3	34035,9	75404,6	64718,7	622608,9	927759,9	1657112,3	1703163,2
including								
Austria	187,4	2295,7	2282,0	293,4	63074,8	42202,2	71099,0	136151,6
Belgium	2060,8	398,4	—	—	42217,0	37283,7	34603,5	70422,3
Bulgaria	779,3	71,9	—	—	110,8	808,4	1491,3	2455,3
Greece	1817,6	—	—	—	17,7	58,2	160,8	101,2
Denmark	—	—	—	—	16217,0	29110,5	29496,9	27091,7
Estonia	2311,0	—	—	—	677,8	119,7	920,7	1284,9
Ireland	—	—	—	—	757,4	263,6	630,5	2679,1
Iceland	—	—	—	—	—	25,2	—	8,0
Spain	24560,6	—	—	—	3185,9	9154,3	8189,9	7359,7
Italy	19542,2	—	—	5,0	84436,8	150405,9	182599,0	166806,0
Latvia	1645,5	—	—	—	2523,7	10307,5	19709,0	23120,8
Lithuania	73,2	—	—	—	580,8	14143,8	14890,7	20337,7
Liechtenstein	—	—	—	—	2,4	—	—	12,2
Luxembourg	—	—	—	593,4	1169,2	4227,0	2837,9	996,1
Malta	—	—	—	—	48,0	—	—	37,1
Netherlands	24532,1	—	418,5	—	10109,2	19901,4	45931,0	41244,3
Germany	90933,0	27871,8	55159,0	42716,2	233635,5	272737,0	326494,3	379122,7
Norway	—	—	—	—	144,6	837,9	3587,6	3093,3
Poland	6231,7	45,0	239,2	238,2	8438,4	56678,6	109980,3	123621,3
Portugal	15435,0	—	—	—	3194,3	6210,4	4677,0	6855,2

FOREIGN ECONOMIC ACTIVITY

Table 11.4 is continued

	Exports				Imports			
	2000	2005	2007	2008	2000	2005	2007	2008
Romania	124,9	—	—	—	3124,5	6098,7	26081,7	35894,1
San-Marino	—	—	—	—	520,6	108,5	386,7	85,5
Serbia	—	—	—	—	—	—	—	475,6
Slovakia	1317,2	—	—	1345,2	2966,6	18551,5	20827,8	30132,5
Slovenia	—	—	—	—	506,0	413,9	1229,7	1754,5
United Kingdom	657,3	3278,8	3182,9	5027,3	22824,4	32871,1	19461,5	18359,0
Hungary	2201,0	—	4,1	1,3	37702,8	104794,0	562148,7	420378,4
Finland	—	—	—	—	9953,8	19983,1	44120,9	49077,5
France	7098,4	—	0,2	0,8	33429,8	50859,5	49885,4	47237,0
Croatia	93,6	—	—	—	248,4	—	0,1	113,7
Czech Republic	1945,8	74,2	—	—	9562,7	20594,7	35858,2	40824,7
Switzerland	2950,7	—	14118,8	14498,1	23937,9	5261,6	10519,6	19326,6
Sweden	80,7	—	—	—	1508,4	13704,3	28793,9	26703,4
Asia	20521,9	—	—	—	66525,7	106765,1	269953,3	382689,9
including								
Bangladesh	—	—	—	—	17,5	1,6	—	—
Vietnam	—	—	—	—	102,6	446,5	1073,3	1110,7
Hong Kong	—	—	—	—	2870,2	2449,6	5297,5	13884,1
Israel	1456,8	—	—	—	30289,2	9473,8	3536,9	4125,8
India	1120,8	—	—	—	391,0	2356,7	3386,3	3811,3
Indonesia	10,6	—	—	—	313,9	17280,6	180731,0	193615,9
Iran, Islamic Republic of	—	—	—	—	666,5	0,9	14,1	11,1
China	26,9	—	—	—	6898,9	20650,2	23761,9	52235,2
Cyprus	5043,1	—	—	—	207,0	—	—	1300,1
Korea, Democratic People's Republic	19,4	—	—	—	3005,2	572,1	293,2	162,6
Korea, Republic of	126,8	—	—	—	7354,3	4013,5	1692,4	15117,4
Malaysia	230,0	—	—	—	215,3	17327,8	467,1	21895,1
Pakistan	1434,7	—	—	—	1525,7	965,4	598,1	615,5
Singapore	—	—	—	—	428,2	1692,6	1259,4	6113,4
Thailand	—	—	—	—	901,1	1443,4	2271,8	3313,8
Taiwan, Province of China	—	—	—	—	4077,2	10743,9	7927,0	13984,5
Turkey	11036,1	—	—	—	4022,6	9955,4	24904,6	26572,9
Philippines	—	—	—	—	65,9	168,7	1255,7	6703,6
Sri Lanka	—	—	—	—	10,8	0,0	0,9	1,1
Japan	16,7	—	—	—	3126,2	7157,5	11187,8	17670,1

FOREIGN ECONOMIC ACTIVITY

Table 11.4 is continued

	Exports				Imports			
	2000	2005	2007	2008	2000	2005	2007	2008
Africa	8459,2	—	—	—	55506,6	32476,4	1979,6	1622,0
including								
Algeria	—	—	—	—	—	3273,9	941,9	40,1
Ghana	—	—	—	—	15432,7	5144,6	77,3	—
Guinea	—	—	—	—	36109,6	4,4	239,6	—
Ethiopia	—	—	—	—	46,1	0,8	5,8	10,7
Egypt	—	—	—	—	505,1	160,3	31,4	37,6
Morocco	8459,2	—	—	—	—	0,8	115,5	161,8
South Africa	—	—	—	—	1862,5	40,4	354,3	770,3
Tunisia	—	—	—	—	1539,7	12,7	130,7	300,8
America	2645,1	8,4	813,2	630,9	78801,4	57246,3	131547,9	134224,4
including								
Anguilla	—	—	—	—	12,1	0,0	0,3	0,1
Argentina	—	—	—	—	110,7	124,0	—	374,6
Brazil	—	—	—	—	17732,1	24606,0	75869,3	18181,0
Virgin Islands, British	777,5	—	—	—	3985,5	700,0	—	—
Guyana	—	—	—	—	16217,9	—	—	—
Guatemala	—	—	—	—	0,7	179,3	—	—
Greenland	—	—	—	—	12,2	0,1	—	—
Ecuador	—	—	—	—	998,7	0,0	—	42,7
Canada	766,2	0,5	—	—	305,1	689,9	605,9	1748,0
Panama	—	—	—	—	—	355,8	—	249,8
Peru	—	—	—	—	—	3,7	120,7	23,0
USA	1014,4	7,8	813,2	630,9	28850,2	26413,1	46986,9	105555,6
Uruguay	—	—	—	—	22,8	1000,3	7710,7	7857,8
Jamaica	—	—	—	—	9531,1	—	—	0,1
Australia and Oceania	—	—	—	1630,7	36954,9	16018,7	126,2	312,8
including								
Australia	—	—	—	1630,7	36951,9	13,6	124,5	312,7
New Caledonia	—	—	—	—	—	16002,7	—	—

FOREIGN ECONOMIC ACTIVITY

11.5. Foreign trade in services, by country

(mln. USD)

	Exports				Imports			
	2000	2005	2007	2008	2000	2005	2007	2008
Total	3486,8	6134,7	9038,9	11741,3	1150,9	2935,0	4980,6	6468,0
CIS countries	2141,4	2849,2	3717,1	4311,2	215,5	520,7	815,6	1077,3
Azerbaijan	5,0	10,7	14,3	24,5	1,5	5,5	7,0	8,5
Belarus	32,5	47,3	81,3	123,3	10,8	23,8	35,9	54,7
Armenia	2,2	5,6	7,6	9,5	1,3	2,2	4,7	6,6
Georgia	4,7	33,7	50,8	65,7	2,3	11,4	15,8	19,2
Kazakhstan	4,4	21,4	67,5	113,1	4,6	8,9	20,4	38,3
Kyrgyzstan	0,7	1,1	1,5	2,7	0,3	0,5	0,8	1,7
Moldova, Republic of	21,6	33,7	53,4	68,9	9,7	15,3	29,9	47,2
Russian Federation	2049,1	2574,5	3410,6	3851,6	182,5	436,7	696,7	894,2
Tajikistan	0,3	7,7	2,2	2,1	0,1	0,1	0,2	0,2
Turkmenistan	15,5	108,0	16,4	37,9	0,9	13,9	1,4	1,9
Uzbekistan	5,4	5,5	11,4	11,9	1,5	2,4	2,8	4,7
Rest of the world	1345,4	3285,5	5321,8	7430,1	935,4	2414,3	4165,0	5390,7
including								
Austria	44,9	94,9	183,9	261,4	20,6	127,5	163,6	333,8
Belgium	70,5	145,5	203,5	237,8	14,3	28,6	55,3	79,0
Bulgaria	35,8	32,3	41,9	48,4	5,7	10,4	24,0	32,3
Virgin Islands, British	17,2	69,5	117,7	270,8	2,9	38,0	36,8	49,3
Greece	44,1	69,2	104,9	140,5	9,3	12,5	67,5	60,4
Egypt	3,7	14,1	38,6	73,4	2,9	18,0	43,7	71,8
Israel	21,2	40,9	60,7	86,7	8,5	18,8	24,8	48,7
India	33,5	17,1	36,0	37,2	1,8	3,2	7,8	7,7
Ireland	27,1	8,9	7,8	44,2	6,2	1,1	4,1	8,0
Spain	9,7	20,1	29,1	34,2	6,1	16,4	14,6	17,3
Italy	36,0	74,1	110,2	165,9	6,2	19,5	54,7	54,5
Canada	7,9	39,6	95,9	120,5	17,1	25,8	28,5	33,1
China	12,2	24,0	38,3	70,2	3,8	7,7	15,3	21,1
Cyprus	68,4	242,4	406,9	637,3	12,5	213,5	389,8	661,4
Latvia	16,0	39,8	47,3	56,6	8,0	13,0	22,5	22,4
Lithuania	5,0	12,6	33,4	33,8	3,3	6,7	29,7	44,0
Liberia	5,8	14,6	26,6	49,1	0,2	0,6	0,4	0,2
Malta	32,0	35,2	37,2	58,2	2,3	1,4	1,7	2,1
United Arab Emirates	4,3	26,0	46,5	67,5	1,9	10,8	37,7	70,8
Netherlands	18,5	73,2	139,5	161,9	24,0	65,6	93,4	133,1
Germany	105,0	185,8	380,9	547,1	69,3	171,3	339,4	511,5
Norway	11,0	13,5	20,4	26,7	1,7	6,9	4,1	6,9
Panama	10,6	34,0	58,0	115,5	0,6	1,8	3,6	12,3
Poland	34,1	62,2	104,5	152,7	17,7	77,0	146,3	230,6
Slovakia	8,1	49,2	50,2	71,1	6,2	17,5	28,0	39,2
United Kingdom	123,2	300,2	546,8	695,1	104,2	271,3	610,5	863,6
USA	122,7	281,4	442,6	555,2	264,0	306,8	437,2	426,3
Turkey	39,0	90,2	131,4	199,3	14,0	93,9	180,1	226,6
Hungary	28,1	128,2	102,5	113,8	14,9	49,8	127,1	96,2
France	25,7	57,4	84,2	123,6	10,3	53,2	154,4	279,8
Czech Republic	7,6	21,2	38,9	41,5	7,0	17,6	48,5	69,5
Switzerland	47,8	296,2	510,2	617,9	32,2	111,1	174,2	258,0
Sweden	9,0	16,5	32,3	60,9	13,5	90,6	96,8	146,2

FOREIGN ECONOMIC ACTIVITY

11.6. Exports/imports of services in 2008, by region

	Exports			Imports		
	total enterprises	value, mln. USD	percentage of total	total enterprises	value, mln. USD	percentage of total
Ukraine	5339	11741,3¹	100,0	4302	6468,0¹	100,0
Autonomous Republic of Crimea	418	251,3	2,1	87	25,0	0,4
oblasts						
Vinnitsya	58	41,3	0,4	54	65,6	1,0
Volyn	77	40,9	0,4	156	57,6	0,9
Dnipropetrovsk	185	459,1	3,9	251	494,5	7,7
Donetsk	233	453,6	3,9	221	399,1	6,2
Zhytomyr	46	11,1	0,1	35	7,2	0,1
Zakarpattia	132	64,7	0,6	87	46,1	0,7
Zaporizhzhya	140	202,0	1,7	80	269,2	4,2
Ivano-Frankivsk	69	25,8	0,2	83	23,8	0,4
Kyiv	135	148,5	1,3	140	174,9	2,7
Kirovohrad	17	16,4	0,1	22	5,1	0,1
Luhansk	80	46,4	0,4	165	81,7	1,3
Lviv	263	129,9	1,1	243	105,9	1,6
Mykolayiv	116	186,8	1,6	76	46,5	0,7
Odesa	752	1548,7	13,2	411	242,1	3,7
Poltava	141	41,3	0,4	215	138,0	2,1
Rivne	58	51,3	0,4	52	19,4	0,3
Sumy	64	41,4	0,4	71	159,4	2,5
Ternopil	34	10,1	0,1	39	7,1	0,1
Kharkiv	358	234,0	2,0	229	428,1	6,6
Kherson	120	71,3	0,6	33	6,2	0,1
Khmelnyskiy	39	23,7	0,2	59	10,5	0,2
Cherkasy	43	20,4	0,2	33	29,3	0,5
Chernivtsi	37	3,3	0,0	8	3,9	0,1
Chernihiv	45	6,7	0,1	58	19,1	0,3
cities						
Kyiv	1562	3216,3	27,4	1330	2434,1	37,6
Sevastopol	101	107,7	0,9	32	12,5	0,2

¹ Including the undistributed services by region

FOREIGN ECONOMIC ACTIVITY

11.7. Structure of exports/imports of services in 2008*(mln. USD)*

	Exports		Imports	
	total	percentage of total	total	percentage of total
Total	11741,3	100,0	6468,0	100,0
Transport services	7636,6	65,1	1657,6	25,6
sea	1304,4	11,1	247,1	3,8
passenger	1,9	0,0	6,0	0,1
cargo	57,7	0,5	73,5	1,1
other	1244,8	10,6	167,6	2,6
air	1231,1	10,5	542,4	8,4
passenger	637,0	5,4	169,4	2,6
cargo	238,6	2,0	13,6	0,2
other	355,5	3,0	359,4	5,6
railway	1641,1	14,0	656,0	10,1
passenger	295,2	2,5	209,1	3,2
cargo	585,8	5,0	108,3	1,7
other	760,1	6,5	338,6	5,2
pipeline	2560,4	21,8	4,5	0,1
other transport	899,6	7,7	207,6	3,2
passenger	18,4	0,2	3,3	0,1
cargo	382,8	3,3	56,2	0,9
other	498,4	4,2	148,1	2,3
Travel	492,9	4,2	426,0	6,6
Communications services	330,9	2,8	143,6	2,2
Construction services	131,2	1,1	106,4	1,6
Insurance services	191,5	1,6	186,1	2,9
Finance services	486,4	4,1	1465,0	22,7
Computer services	270,4	2,3	237,1	3,7
Royalty and licenses services	39,5	0,3	287,2	4,4
Other business services	139,5	1,2	161,0	2,5
Miscellaneous business, professional and technical services	1541,5	13,2	1122,5	17,4
Services to individuals, and cultural and recreational services	50,6	0,5	183,8	2,8
Public services not included elsewhere	4,4	0,0	456,8	7,1
Repair	425,9	3,6	34,9	0,5

FOREIGN ECONOMIC ACTIVITY

11.8. Foreign direct investment¹ in Ukraine in 2008*(mln. USD)*

	Total	Of which, from		
		EU countries	CIS countries	other countries
Capital of non-residents in Ukraine, beginning of year	29542,7	22912,4	1704,0	4926,3
according to administrative data ²	6541,3	6106,8	411,2	23,3
Increase in capital of non-residents	10911,1	8766,4	932,9	1211,8
according to administrative data ²	1486,1	1486,1	—	—
resulting from				
cash investment	8440,9	6418,1	889,7	1133,1
investment in the form of securities	24,3	15,8	0,0	8,5
investment in the form of debt cancellation	13,2	13,2	—	—
reinvested earnings	171,9	167,9	3,3	0,7
investment in the form of movables and real estate	688,0	601,2	38,7	48,1
investment in the form of intangible assets	5,0	4,0	0,1	0,9
purchases of corporate rights resulting from privatisation of state property	1,3	1,3	—	—
other forms of investment	80,4	58,8	1,1	20,5
Decrease in capital of non-residents	847,8	557,8	42,7	247,3
resulting from				
withdrawal of capital	630,4	437,7	39,0	153,7
of which				
cash contributions	513,6	387,5	19,5	106,6
securities	47,7	20,4	1,3	26,0
movables and real estate	69,1	29,8	18,2	21,1
other forms of capital decrease	217,4	120,1	3,7	93,6
Capital revaluation	-54,2	-2,3	-53,0	1,1
Capital losses	19,9	16,9	0,6	2,4
Transfer of capital ownership rights from a non-resident to a non-resident from another country	—	90,1	1,2	-91,3
Direct investment that was transferred from portfolio investment	112,6	107,2	2,5	2,9
Direct investment that was transferred into portfolio investment	48,9	36,9	0,2	11,8
Difference in exchange rates	-3872,2	-3086,8	-333,9	-451,5
Capital of non-residents in Ukraine, end of year	35723,4	28175,4	2210,2	5337,8
according to administrative data ²	8027,4	7592,9	411,2	23,3
Capital of non-residents in Ukraine, including lent capital, end of year	40957,4	32708,4	2472,6	5776,4
according to administrative data ²	8027,4	7592,9	411,2	23,3

¹ Here elsewhere (Tables 11.9–11.14) date have been compiled on the basis of information from legal persons² Data on direct investment are obtained 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 selected enterprises)

FOREIGN ECONOMIC ACTIVITY

11.9. Direct investment in Ukraine, by country*(beginning of year; mln. USD)*

	1996	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	896,9	3875,0	4555,3	5471,8	6794,4	9047,0	16890,0	21607,3	29542,7	35723,4
Cyprus	51,5	377,7	493,0	672,1	901,9	1101,4	1635,9	3187,5	5946,4	7682,9
Germany	156,9	240,9	250,5	317,7	451,6	653,7	5503,7	5578,1	5918,3	6393,8
Netherlands	46,5	362,2	374,1	396,3	459,9	637,2	919,5	1533,8	2508,8	3180,8
Austria	16,4	124,5	144,4	214,3	252,4	361,1	1439,5	1633,8	2067,4	2445,6
United Kingdom	53,9	312,0	414,2	534,0	701,2	955,4	1174,8	1563,4	1975,5	2273,5
Russian Federation	50,0	286,6	315,5	323,2	388,6	720,8	835,8	1002,1	1462,4	1851,6
USA	183,3	639,5	777,5	890,6	1060,2	1190,6	1387,4	1396,8	1430,1	1471,5
Virgin Islands, British	5,0	192,8	275,2	346,1	367,5	582,2	736,5	806,2	1066,7	1316,1
Sweden	19,1	77,1	89,2	90,4	103,1	120,3	134,1	137,3	986,7	1263,0
France	11,3	39,9	24,2	40,1	59,2	79,0	87,9	830,3	1044,8	1226,1
Italy	19,2	72,2	81,1	86,5	94,9	103,1	117,4	132,9	150,4	914,3
Switzerland	38,4	163,3	224,0	272,2	321,6	442,3	456,4	566,5	648,0	715,6
Poland	20,5	62,8	69,3	98,1	152,7	194,7	225,5	394,6	672,1	694,7
Hungary	20,0	51,9	58,3	79,8	128,7	177,3	191,0	370,9	411,2	595,5
Greece	4,8	23,1	20,0	19,2	14,9	16,4	19,3	72,0	151,6	310,0
Kazakhstan	0,1	0,2	0,5	0,5	0,4	0,4	3,7	18,9	119,1	227,8
Luxembourg	1,0	9,7	13,6	15,3	40,9	58,1	77,8	93,4	210,7	214,6
Denmark	3,7	11,1	17,2	35,5	73,8	106,0	130,4	142,6	155,8	176,9
Korea, Republic of	0,1	170,4	170,4	172,1	172,4	172,4	172,2	167,2	167,6	171,9
Other countries	195,2	657,1	743,1	867,8	1048,5	1374,6	1641,2	1979,0	2449,1	2597,2

FOREIGN ECONOMIC ACTIVITY

11.10. Foreign direct investment in Ukraine in 2008, by type of economic activity

	Capital, end of year, mln. USD	Percentage of total investment
Total	35723,4	100,0
Agriculture, hunting, forestry	803,2	2,2
agriculture, hunting and related services	799,0	2,2
forestry and related services	4,2	0,0
Fishing, fishery	5,3	0,0
Industry	8056,5	22,6
mining	1001,8	2,8
manufacturing	6928,0	19,4
production of foodstuffs, beverages and tobacco products	1655,5	4,6
light industry (textile industry; sewing of clothes, fur and fur articles, production of leather, leather articles and other materials)	139,7	0,4
wood working and production of wood products apart from furniture	253,5	0,7
cellulose and paper industry; printing	203,7	0,6
production of coke and refined petroleum products	333,4	0,9
chemical and petrochemical industry (production of chemicals, production of rubber and plastic products)	952,8	2,7
production of other non-metallic mineral products	713,2	2,0
metallurgy and production of finished metal products	1353,7	3,8
engineering (manufacture of machinery and equipment, manufacture of electrical, electronic and optical equipment, manufacture of transport vehicles and equipment)	1090,4	3,1
other manufacture n.i.e.	232,1	0,6
production and distribution of electricity, gas and water	126,7	0,4
Construction	2052,9	5,7
Trade; repair of motor vehicles, household appliances and personal demand items	3718,4	10,4
trade in motor vehicles and motorcycles, maintenance and servicing	268,7	0,8
wholesale trade and sale intermediation	3146,7	8,8
retail trade; repair of household appliances and personal demand items	303,0	0,8
Activity of hotels and restaurants	412,9	1,2
Activity of transport and communications	1281,0	3,6
activity of surface transport	393,3	1,1
activity of water transport	72,8	0,2
activity of air transport	20,5	0,1
additional transport services and auxiliary operations	526,7	1,5
activity of mail and communications	267,7	0,7
Financial activity	7154,8	20,0
Real estate transactions, renting, engineering and provision of services to businessmen	3570,7	10,0
Public administration	0,4	0,0
Education	13,3	0,0
Health care and provision of social aid	123,8	0,4
Provision of communal and individual services; cultural and sporting activity	502,8	1,4
Investment undistributed by type of economic activity ¹	8027,4	22,5

¹ See the second footnote for Table 11.8

FOREIGN ECONOMIC ACTIVITY

11.11. Direct investment in 2008, by region

(mln. USD)

	Direct investment in Ukraine by region		Direct Ukrainian investment abroad by region	
	beginning of year	end of year	beginning of year	end of year
Ukraine	29542,7	35723,4	6196,6	6198,6
Autonomous Republic of Crimea	726,2	637,6	0,2	0,3
oblasts				
Vinnitsya	152,6	161,3	0,2	0,2
Volyn	392,4	388,7	... ¹	... ¹
Dnipropetrovsk	2934,3	2667,3	88,7	78,9
Donetsk	1355,2	1508,8	5335,1	5344,3
Zhytomyr	173,6	181,3	—	—
Zakarpattia	345,3	355,8	—	—
Zaporizhzhya	761,4	835,6	8,7	14,4
Ivano-Frankivsk	385,2	480,8	... ¹	... ¹
Kyiv	1083,6	1301,2	2,5	2,0
Kirovohrad	55,3	63,0	0,1	0,1
Luhansk	309,1	336,1	1,7	1,7
Lviv	771,5	930,7	0,9	0,8
Mykolayiv	136,8	151,8	0,5	0,5
Odesa	880,8	991,5	35,7	37,2
Poltava	367,9	511,5	2,3	2,7
Rivne	233,1	272,1	—	—
Sumy	180,5	159,1	3,4	2,9
Ternopil	51,0	58,7	... ¹	... ¹
Kharkiv	1278,7	1599,4	63,9	9,8
Kherson	156,2	171,4	0,0	0,0
Khmelnyskiy	129,0	137,3	... ¹	... ¹
Cherkasy	175,0	177,2	... ¹	—
Chernivtsi	51,2	60,1	... ¹	... ¹
Chernihiv	86,6	94,4	... ¹	... ¹
cities				
Kyiv	9681,7	13321,5	186,6	235,8
Sevastopol	147,2	141,8	... ¹	... ¹
Investment undistributed by region	6541,3 ²	8027,4 ²	442,4 ³	442,4 ³

¹ According to Ukraine's Law *On State Statistics*, information is confidential² See the second footnote to Table 11.8³ Data on direct investment are obtained from the National Bank of Ukraine (on difference between market and nominal value of shares, property, etc., not published in statistical reports of selected enterprises)

FOREIGN ECONOMIC ACTIVITY

11.12. Direct Ukrainian investment abroad in 2008*(mln. USD)*

	Total	Of which, to		
		EU countries	CIS countries	other countries
Capital of residents in other economies, beginning of year	6196,6	5926,5	220,6	49,5
according to administrative data ¹	442,4	442,4	—	—
Increase in capital of residents	85,5	27,6	53,5	4,4
resulting from				
cash investment	83,7	27,6	52,5	3,6
investment in the form of securities	—	—	—	—
investment in the form of debt cancellation	—	—	—	—
reinvested earnings	0,9	—	0,9	—
investment in the form of movables and real estate	0,9	—	0,1	0,8
investment in the form of intangible assets	—	—	—	—
other forms of investment	—	—	—	—
Decrease in capital of residents	2,2	0,2	1,9	0,1
resulting from				
withdrawal of capital	1,9	0,2	1,6	0,1
of which				
cash contributions	1,3	0,2	1,0	0,1
securities	—	—	—	—
movable property and real estate	0,6	—	0,6	—
other forms of capital decrease	0,3	—	0,3	—
Capital revaluation	3,0	—	3,0	—
Capital losses	55,6	—	55,6	—
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	—	—	—	—
Difference in exchange rates	-28,7	-4,9	-23,9	0,1
Capital of residents in other economies, end of year	6198,6	5949,0	195,7	53,9
according to administrative data ¹	442,4	442,4	—	—
Total capital of residents in other economies, including lent capital, end of year	6321,9	6072,3	195,7	53,9
according to administrative data ¹	442,4	442,4	—	—

¹ See the third footnote to Table 11.11

FOREIGN ECONOMIC ACTIVITY

11.13. Direct Ukrainian investment abroad, by country*(beginning of year; mln. USD)*

	1996	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	84,1	170,3	155,7	144,3	166,0	198,6	219,5	243,3	6196,6	6198,6
Cyprus	2,4	2,4	2,4	1,9	1,9	2,0	2,1	10,3	5825,5	5826,1
Russian Federation	52,1	68,1	84,9	73,5	88,0	97,3	102,9	104,0	148,6	99,9
Poland	0,3	0,3	0,3	0,3	0,4	21,1	21,3	24,2	30,1	46,9
Latvia	0,0	0,0	0,0	0,0	0,0	0,0	0,0	3,5	30,7	31,6
Kazakhstan	—	0,0	0,0	0,0	0,0	0,0	0,0	0,2	0,8	26,8
Moldova, Republic of	0,0	0,0	0,0	0,0	0,0	0,0	0,9	1,3	26,7	26,6
Georgia	6,1	0,9	0,8	0,8	2,2	2,3	2,2	2,9	28,5	24,1
Panama	2,0	46,8	18,9	18,9	18,9	18,9	18,9	18,9	18,9	19,8
Spain	—	13,8	13,8	13,8	13,8	13,8	13,8	13,8	13,8	17,6
Virgin Islands, British	—	—	—	—	—	—	—	0,1	10,9	14,3
United Kingdom	0,0	0,1	0,0	0,2	0,2	0,2	13,9	13,9	13,8	13,7
Armenia	0,0	—	—	—	—	—	—	5,5	12,8	11,9
USA	1,4	0,7	0,7	0,7	5,4	5,7	5,6	5,7	5,9	5,9
Switzerland	8,1	6,5	3,3	3,8	4,2	4,7	4,0	4,3	4,6	5,0
Belarus	0,5	0,2	0,5	0,5	0,6	0,6	0,7	0,7	1,8	4,8
Lithuania	0,0	0,4	0,4	0,4	0,4	0,4	0,4	2,9	4,0	3,9
Vietnam	—	17,0	16,8	16,8	15,8	15,9	15,9	15,9	3,9	3,9
Austria	1,6	0,7	0,7	0,8	1,0	3,0	4,6	1,9	2,2	2,8
Germany	0,2	0,2	0,2	0,3	0,4	0,4	0,3	0,4	2,5	2,6
Other countries	9,4	12,2	12,0	11,6	12,8	12,3	12,0	12,9	10,6	10,4

FOREIGN ECONOMIC ACTIVITY

11.14. Direct Ukrainian investment abroad in 2008, by type of economic activity¹

	Capital, end of year, mln. USD	Percentage of total
Total	6198,6	100,0
Agriculture, hunting, forestry	0,3	0,0
Industry	46,6	0,8
mining	0,2	0,0
manufacturing	46,4	0,8
production of foodstuffs, beverages and tobacco products	13,9	0,2
light industry (textile industry; sewing of clothes, fur and fur articles; production of leather, leather articles and other materials)	0,1	0,0
production of coke and refined petroleum products	0,7	0,0
chemical and petrochemical industry (production of chemicals, production of rubber and plastic products)	4,7	0,1
production of other non-metallic mineral products	0,1	0,0
metallurgy and production of finished metal products	9,1	0,2
engineering (manufacture of machinery and equipment, manufacture of electrical, electronic and optical equipment, manufacture of transport vehicles and equipment)	14,9	0,2
other manufacture n.i.e.	2,9	0,1
Construction	2,0	0,0
Trade; repair of motor vehicles, household appliances and personal demand items	142,5	2,3
trade in motor vehicles and motorcycles, maintenance and servicing	26,3	0,4
wholesale trade and sale intermediation	74,4	1,2
retail trade; repair of household appliances and personal demand items	41,8	0,7
Activity of hotels and restaurants	0,2	0,0
Activity of transport and communications	44,8	0,7
activity of surface transport	0,8	0,0
activity of water transport	43,7	0,7
additional transport services and auxiliary operations	0,3	0,0
Financial activity	171,5	2,8
Real estate transactions, renting, engineering and provision of services to businessmen	5333,2	86,0
Public administration	15,1	0,2
Education	0,0	0,0
Investment undistributed by type of economic activity ²	442,4	7,2

¹ These are types of economic activity of resident enterprises that made investment² See the third 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 organizations (excluding individuals) for their consumption, subsequent resale either within Ukraine, or for exports. Wholesale turnover figures exclude VAT and excise. Conventional trade-related operations comprise weighting, sorting, packing, dividing into lots, distributing, stacking, mixing, etc. Goods ready for sale (movables) refer to finished goods that are sold without processing or remake.

Retail trade turnover includes retail trade turnover of enterprises (legal persons) engaged in retail trade as well as estimated sales of goods in markets and by individual entrepreneurs.

Restaurant turnover includes retail trade turnover of enterprises (legal persons) engaged in restaurant business and since 2005, the estimated sales by individual entrepreneurs.

Retail trade turnover of enterprises (legal persons) 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, organizations and enterprises to provide meals to the people they serve (at sanatoria, children's care institutions, hospitals, etc.). Monetary values reflect actual 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
Wholesale turnover of enterprises	167,3	273,5	290,1	394,1	547,1	511,2	667,2	863,9	1050,4
Retail trade turnover	47,5	59,0	68,8	87,6	116,3	174,4 ¹	237,8 ¹	325,1 ¹	456,0 ¹
Restaurant turnover	2,1	2,5	2,8	3,0	3,5	7,5 ¹	9,1 ¹	11,7 ¹	15,6 ¹
Retail turnover of enterprises	28,8	34,4	39,7	50,0	67,6	94,3	130,0	178,2	246,9

¹ Based on data derived from complete one-off enumeration of retail trade and restaurants belonging to natural persons (businessmen)

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.2. Wholesale trade turnover, by region

(mln. UAH)

	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	273468,5	290114,4	394090,8	547095,4	511150,0	667228,6	863881,9	1050392,9
Autonomous Republic of Crimea	2574,5	3106,4	4145,3	4417,4	5294,8	6622,9	8281,3	11587,7
oblasts								
Vinnitsya	1600,8	1720,8	2302,9	3083,1	3068,1	3690,6	4702,5	6772,9
Volyn	9253,4	8794,4	7887,5	16381,0	12098,7	10451,6	12269,2	21684,8
Dnipropetrovsk	47379,9	39548,7	55344,7	79528,5	66518,0	74246,7	92341,4	104723,4
Donetsk	50891,0	46226,4	64095,1	90996,1	68127,9	96574,5	115761,6	145420,2
Zhytomyr	2191,0	3798,1	4444,3	9431,2	4758,9	4086,1	6133,8	5665,2
Zakarpattia	703,6	900,4	1830,8	2664,6	3846,7	3300,6	4458,5	5525,7
Zaporizhzhya	8243,7	9547,0	12757,3	20979,7	17737,8	19614,2	25362,5	30415,4
Ivano-Frankivsk	2519,4	3022,1	5357,2	9045,1	4895,5	6612,9	5842,7	6522,7
Kyiv	6988,1	7676,4	12481,8	18679,5	15825,0	19521,3	26000,5	35323,8
Kirovohrad	1276,1	1674,3	2299,1	3104,4	3024,8	3603,5	4418,1	5840,7
Luhansk	15838,1	18846,5	25731,9	30211,2	19508,0	16496,3	17612,6	19438,9
Lviv	8000,3	10208,1	16603,5	18669,4	16387,5	18494,0	19834,2	24317,9
Mykolayiv	2946,1	4280,8	5937,1	9556,3	13588,9	16607,8	17962,8	18612,4
Odesa	8886,6	11602,9	14683,2	20395,8	21863,8	27501,9	34015,1	51333,6
Poltava	5071,8	5496,0	5913,1	14659,7	8439,1	11349,8	21743,8	18344,8
Rivne	1600,3	1750,6	2498,1	4219,3	5667,5	7784,9	8066,8	7953,9
Sumy	4377,4	5709,4	2818,6	3254,5	3056,1	3406,2	3910,8	5074,6
Ternopil	684,6	769,4	1026,2	1234,2	1546,6	1726,9	2163,0	3323,4
Kharkiv	11674,1	13007,9	26496,8	31362,2	26618,0	35108,1	44424,0	52337,5
Kherson	3538,1	3591,0	4633,2	6175,2	5199,6	6821,3	7626,6	9762,5
Khmelnyskiy	1570,1	1961,3	3715,7	4722,4	7955,9	5874,5	4311,2	4870,6
Cherkasy	1794,1	1670,6	2466,9	3027,6	4411,7	6314,6	7509,5	9260,1
Chernivtsi	629,9	768,5	1066,6	1502,8	2013,8	2087,6	2961,8	3375,5
Chernihiv	968,7	1162,1	1346,8	1762,7	2505,8	2685,0	3397,9	4568,3
cities								
Kyiv	71068,9	81948,0	104764,3	135871,5	164631,4	253307,7	358008,7	432706,7
Sevastopol	1197,9	1326,3	1442,8	2159,9	2560,1	3337,0	4761,0	5630,0

12.3. Commodity structure of wholesale trade turnover*(mln. UAH)*

	2006	2007	2008
Wholesale turnover, total	667228,6	863881,9	1050392,9
Food products	103289,0	131483,2	155100,5
including			
fresh (fresh-killed) or cooled beef and veal	166,4	211,5	146,2
frozen beef and veal	418,0	688,1	1032,9
fresh (fresh-killed) or cooled pork	94,0	95,5	779,7
frozen pork	341,9	320,9	1114,1
meat and edible offals	1671,6	1533,0	2146,4
sausage goods	1160,4	1291,8	1806,9
poultry ready-made products and canned goods	88,9	130,0	158,1
pork ready-made products and canned goods	74,8	127,8	658,2
beef and veal products and courses including canned goods	265,8	238,0	503,7
processes skimmed milk	1396,6	1954,0	2680,3
milk and dried cream	823,4	1716,5	1284,7
butter	1480,7	1911,0	2196,0
rennet, melted and lactic cheese	2458,3	3854,4	6230,0
preserved milk products	1016,9	941,6	767,9
margarine and similar products	1781,4	2301,1	2665,4
vegetable oil	6908,7	10201,2	9943,9
vodka, other strong drinks	4750,4	4993,6	5071,3
liqueurs, sweet fruit liqueurs, alcoholic tinctures, other alcoholic beverages	534,6	564,8	699,4
wine	1894,9	2675,7	3023,2
vermouth and similar beverages	198,6	187,6	277,0
beer	4994,7	6516,6	5656,6
mineral waters, soda unsweetened and non-fragrancing water	1569,2	2375,7	3165,8
soft drinks	2013,3	2759,2	3060,9
tobacco products	7205,8	9573,4	10578,6
sugar	6396,9	5533,3	6891,9
chocolate and chocolate products	3843,0	4055,0	6355,2
sugary confectionery (including white chocolate) without cacao	4576,2	4945,5	5731,2
coffee	2997,8	4110,9	4157,0
tea	2104,3	2824,5	2896,5
cacao	60,2	42,1	136,6
seasonings	768,1	1179,2	1568,8
fish products	6333,8	7268,3	9340,7

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.3 is continued

	2006	2007	2008
rice	453,1	437,5	652,2
flour	1503,3	1848,6	1878,8
grits	606,9	610,8	716,8
macaroni	688,4	837,9	999,7
salt and native sodium chloride	267,2	323,7	366,5
fruit and vegetable juices	1472,5	2333,8	1849,4
frozen vegetables (excluding potatoes) and mushrooms	140,6	266,2	255,9
canned vegetables	1212,6	1890,4	2272,5
Manufactured goods	563939,6	732398,7	895292,4
including			
cars	17275,8	28570,1	46375,1
trucks	3991,7	5479,8	5247,7
car equipment	4276,9	5877,6	6869,9
motorcycles and motor scooters	58,9	275,5	243,8
grain crops	14042,7	16954,9	32785,6
sunflower seeds	5784,2	8520,4	8364,5
fabrics	1023,2	1289,0	1128,7
textiles	2198,3	2541,5	3604,8
refrigerators and fridges	2389,8	3137,0	3543,9
washing machines	1287,9	1562,1	1928,6
drying machines	8,4	7,1	8,4
sewing machines	34,5	23,9	19,9
vacuum cleaners	358,6	417,5	645,9
TV sets	1076,8	1665,6	2724,7
portable radio sets and fixed receivers	56,3	91,8	84,9
audio recorders and other sound-recording equipment	170,2	321,4	396,6
audio and video goods	816,9	1222,8	1395,9
pottery ware and decorative porcelain	929,0	1123,8	1354,8
hollow glass	480,9	551,1	568,9
perfumes and cosmetic goods	6305,7	7419,8	10425,0
stained paper and textile materials for tapestry	506,9	504,9	741,5
soap, detergents and skin-care products	3803,4	5661,3	6818,5
pharmaceuticals	13882,6	18726,8	24162,6
medical, surgical and orthopedic facilities	1078,5	2251,9	2744,4
bituminous coal	20025,5	26025,2	43721,8
brown coal (lignite)	4,7	3,3	3,5
crude oil	3939,4	12563,3	17144,3

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.3 is continued

	2006	2007	2008
gas condensate	807,4	652,8	709,5
natural gas	36053,4	51721,4	51814,6
automobile gasoline	41395,3	53753,4	69526,7
gas oil (diesel fuel)	44518,5	57021,5	76582,9
heavy fuel oil	2186,8	1841,9	3918,9
oils and lubricants	4474,9	4333,5	5063,6
pig, foundry and mirror iron	725,5	908,6	1446,1
ferrous-based alloys	1635,4	1704,0	1955,1
stainless steel products	1474,3	1750,2	2332,6
finished rolled ferrous metal products	31450,1	46148,9	59531,3
steel wire	941,6	1189,9	1204,2
unprocessed non-ferrous metals	3128,6	4248,6	4605,7
semi-finished goods from non-ferrous metals	2246,1	2628,7	2486,7
nonferrous waste and scrap	4138,7	3266,6	2761,6
waste and scrap	13670,3	18057,1	21734,2
timber	613,4	710,5	756,4
wood sawed or split for more than 6 mm lengthwise	251,8	341,6	404,9
plywood panels	132,5	221,5	206,0
reconstituted particle boards	509,9	598,7	820,0
compressed wood	151,3	120,8	168,3
fabricated timberwork	17,6	7,1	10,6
polymer-based paints and varnishes	2166,0	2313,2	2519,3
glass	1571,8	1509,3	1759,1
glass bricks, bricks, tiles and other rolled glass products	216,1	261,2	348,3
tubes, pipelines, gutters, drain-pipes, chutes and ceramic pipe fitting	329,7	523,6	716,1
portland cement, alumina cement, cindery slag cement and similar water cement	2148,4	3505,9	4705,8
corrugated sheets, roof slates and similar products made of asbestos cement	440,4	532,4	633,7
asphalt products	270,2	548,2	468,7
tubes and pipes, hollow profiles of foundry iron	245,2	79,6	91,3
cast fittings for pipes from cast iron and foundry steel	328,6	214,3	226,5
pipes of large and small diameter; hollow profiles from ferrous metals	6116,6	8328,5	10411,4
ferrous central heating radiators without electric preheating	168,2	195,1	230,9
central heating boilers	435,1	471,5	664,5
steam or steam generating boilers	100,6	169,6	237,2
wire products	383,3	513,7	454,2

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Table 12.3 is continued

	2006	2007	2008
pipes and tubes, rubber hoses and tubes excluding hard rubber	36,5	66,9	101,6
pipes, tubes, hoses and fittings: hard from ethylene polymers, propylene, vinyl chloride and other	256,0	408,0	626,8
hard pipes, tubes and hoses from other plastics	141,6	233,5	364,9
precipitated sublime sulphur; colloid sulphur (excluding unprocessed sulphur)	1,7	9,6	3,9
sulphuric acid	68,9	96,4	250,2
caustic soda	338,3	394,6	588,7
soda ash	175,9	264,4	382,1
refined sulphur	9,9	16,2	11,8
polyethylene in initial forms	1909,5	2450,7	2454,7
polystyrene in initial forms	398,3	404,5	597,9
polyvinylchloride in initial forms	364,6	364,9	539,8
polypropylene (polymeride propylene or other olefins in initial forms)	928,8	1143,6	891,8
polyvinyl acetate	2,0	7,5	12,3
polyacryles (polyacrylates in initial forms)	8,5	10,1	19,2
synthetic rubber	377,9	521,7	229,4
tyres for car	1100,5	1216,7	1494,1
pneumatic tyres for trucks and buses	1105,5	1494,2	1320,6
tyres for agricultural, forestry and similar machinery	231,7	262,6	223,0
mineral and chemical fertilizers	3421,2	5980,5	10014,0
pesticides and other agrochemical products	2168,6	3055,7	4232,5
covered winding wire	128,4	152,6	134,7
wires and cables	7224,5	4043,9	4255,1
ashes and slag residuals	25,8	44,8	22,9
paper wastage	144,5	190,6	357,7
paper	2832,4	4630,1	2548,9
metal-working machines	263,0	331,0	320,1
printing and computing machines, their spare parts	520,7	408,7	355,5
copying equipment and other office equipment	4062,5	3764,6	4564,7
datamation equipment	7346,3	7437,1	8724,0
software	708,2	593,9	706,2
products for sports	724,2	1152,0	1185,0
jewelry	183,9	224,8	309,1
printed output	470,8	556,7	704,2
school and office goods from paper or cardboard	811,3	1267,7	1339,1
furniture	1649,7	1633,2	2931,6

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12.4. Structure of deals made at exchanges

(mln. UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	544,0	3544,9	8211,5	9519,8	12742,2	15673,8	18962,1	24406,0	28092,9	59875,3
Metal and metal products	0,5	4,9	5,4	17,5	6,9	135,8	116,4	5,6	8,7	7,1
Non-ferrous metals	0,1	0,3	5,6	0,4	31,5	0,1	0,0	5,0	0,0	3,9
Building materials	0,1	3,6	1,0	0,6	0,4	...	...	...	...	67,9
Motor vehicles	41,0	193,4	368,2	311,2	479,7	359,4	319,9	392,8	452,8	398,8
Wood and timber	0,3	0,7	0,3	0,4	0,4	0,3	35,7	27,7	701,8	782,7
Fuel	2,8	290,6	334,1	1938,2	2655,0	2301,2	2517,9	8479,2	9343,4	12386,6
of which										
coal	1,7	1,5	3,2	77,5	37,8	9,1	0,0	24,0	0,4	1762,5
gasoline for vehicles	0,5	0,5	2,6	0,6	4,9	52,8	395,1	0,6	7,2	0,4
raw oil	...	2,7	5,1	1578,3	2221,2	1954,1	1329,1	7183,5	7884,8	8553,4
gas condensate	...	139,0	112,5	100,9	112,7	63,0	76,1	464,1	460,1	642,0
propane and butane liquefied	...	94,7	164,0	170,9	261,1	215,4	310,2	806,4	990,7	1280,0
Manufactured goods	0,7	2,6	1,0	1,2	31,7	40,4	6,5	1,3	5,5	12,4
Agricultural products	220,8	989,7	4005,4	6526,5	8477,5	9098,4	10568,2	11905,2	9596,8	40019,5
Food products	5,3	62,8	73,3	39,6	191,9	376,3	416,1	754,3	1228,5	751,1
Chemical products	0,0	124,9	27,6	6,5	2,5	0,7	0,9	9,0	0,3	0,2
Securities	5,5	1382,9	2951,8	249,3	350,5	2394,9	1937,3	1092,7	2032,9	3752,9
Real estate	257,5	380,9	294,6	221,4	208,7	255,5	694,5	457,6	343,0	512,2
Land plots	0,1	0,3	0,5	0,4	10,3	4,0	9,4	8,1	1025,2	16,7
Other	8,7	73,4	88,0	108,7	268,8	608,9	2225,6	1099,1	3185,6	1163,3

12.5. Exchanges

(beginning of year)

	1996	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total registered	88	386	429	459	493	458	467	479	499	503
Universal	19	97	113	118	119	115	114	114	118	103
Commodity and raw materials	25	157	176	201	227	244	258	272	293	318
Agricultural	9	31	32	31	34	30	29	30	30	26
Stock exchanges and their branches	14	27	27	27	29	19	19	18	17	19
Other	21	74	81	82	84	50	47	45	41	37

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

12.7. Volume indices of retail trade turnover of enterprises

(percent)

	1990=100										2008 over 2007
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Retail trade turnover	36	32	36	42	50	61	76	95	124	145	117
Food products	43	30	31	34	39	47	56	66	77	83	108
foodstuffs	37	22	22	23	26	31	36	43	50	55	108
alcoholic beverages	80	99	109	123	146	182	214	251	286	324	113
Manufactured goods	29	38	46	56	70	86	111	146	201	245	122
Restaurant turnover	35	26	28	31	32	34	36	41	46	46	99

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12.8. Retail turnover of enterprises, by region

(mln. UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	11964,0	28757,4	34417,0	39690,8	49993,5	67556,1	94332,4	129951,7	178232,6	246903,2
Autonomous Republic of Crimea	472,0	946,0	1215,0	1411,5	1762,7	2434,3	3448,5	4784,0	6430,0	9064,3
oblasts										
Vinnitsya	371,8	794,1	938,5	1014,7	1272,1	1668,7	2248,1	2959,2	3922,4	5358,0
Volyn	198,0	575,1	683,6	795,5	1005,4	1337,6	1834,0	2403,9	3134,1	4306,1
Dnipro-petrovsk	842,3	2379,9	2793,9	3455,3	4435,9	6074,4	8370,1	11476,5	15976,1	22353,1
Donetsk	1285,7	2624,1	3120,1	3414,6	4174,6	5660,5	7867,0	11429,9	15941,5	22229,2
Zhytomyr	343,5	682,2	758,9	846,4	1073,8	1361,5	1775,5	2430,2	3320,5	4344,3
Zakarpattia	231,7	744,9	907,1	1074,1	1458,1	2068,3	2666,9	2902,0	3666,7	5303,7
Zaporizhzhya	667,1	1376,0	1542,2	1721,6	2043,5	2866,6	3880,6	4981,5	6782,0	9301,3
Ivano-Frankivsk	278,0	588,0	659,4	719,9	861,2	1106,1	1563,4	2269,4	3133,2	4519,0
Kyiv	425,9	1011,5	1222,7	1446,9	1603,9	2191,5	3020,7	4731,3	6663,0	9858,6
Kirovohrad	201,4	504,2	634,5	724,0	852,2	1119,6	1466,5	2020,7	2801,3	3921,8
Luhansk	561,3	1021,1	1128,3	1297,7	1551,8	2106,1	2764,6	3766,7	5245,8	7796,9
Lviv	611,1	1820,4	2054,7	2456,6	3085,8	4009,8	5530,5	6882,9	9472,5	12827,2
Mykolayiv	298,8	570,3	717,8	849,5	961,3	1307,0	1759,6	2554,7	3861,5	5310,2
Odesa	469,8	1112,4	1390,7	1844,3	2535,3	3684,0	5165,3	7445,4	9996,1	14159,5
Poltava	419,8	1064,4	1223,4	1291,9	1505,3	1900,5	2520,9	3467,9	4678,3	6725,6
Rivne	241,1	473,9	610,7	812,9	990,2	1262,8	1644,3	2092,6	2747,3	3853,4
Sumy	344,7	776,9	958,6	938,3	1052,7	1330,7	1748,7	2155,6	2688,2	3673,5
Ternopil	168,5	385,5	470,7	563,2	723,9	962,1	1324,8	1729,8	2251,5	3309,2
Kharkiv	690,2	2031,3	2564,9	2909,3	3675,6	4830,3	6755,6	9164,5	12311,8	16852,0
Kherson	242,9	525,7	628,1	763,5	1042,2	1401,4	1826,6	2493,6	3326,2	4392,1
Khmelnyskiy	317,7	560,6	702,6	792,2	1031,7	1315,3	1803,1	2505,5	3368,3	5003,3
Cherkasy	340,9	656,7	724,0	794,6	1039,7	1392,9	1751,9	2335,6	3173,4	4558,4
Chernivtsi	213,4	478,6	561,1	674,3	872,5	1103,3	1435,5	1806,6	2679,6	3663,9
Chernihiv	340,0	715,7	812,1	844,1	990,0	1264,7	1578,1	2121,0	2862,5	3902,6
cities										
Kyiv	1204,7	4106,1	5101,1	5885,0	7961,9	11184,1	17695,6	25826,0	35989,8	47809,4
Sevastopol	104,8	220,8	273,9	336,0	420,5	598,7	886,0	1214,7	1809,0	2506,6

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.9. Per capita retail trade turnover of enterprises, volume indices

(percent)

	1990=100										2008 over 2007
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	
All commodities	36	34	39	45	55	67	83	106	138	163	118
Foodstuffs	43	31	33	37	43	52	61	73	86	93	109
Manufactured	29	40	49	60	76	95	122	162	224	276	123

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

(UAH)

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

12.11. Proportion of food and manufactured products in retail trade turnover of enterprises

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
All commodities	100	100	100	100	100	100	100	100	100	100	100
Foodstuffs	44	63	52	50	48	46	44	42	38	35	34
Manufactured	56	37	48	50	52	54	56	58	62	65	66

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12.12. Per capita retail trade turnover of enterprises, by region

(UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008		
										total	including	
											food products	manufactured goods
Ukraine	232	585	707	823	1046	1424	2003	2777	3832	5338	1839	3499
Autonomous Republic of Crimea	214	458	595	697	876	1217	1734	2416	3257	4603	1537	3066
oblasts												
Vinnitsya	198	441	527	576	729	966	1314	1747	2336	3216	1073	2143
Volyn	184	540	644	752	956	1278	1759	2313	3022	4155	1414	2741
Dnipropetrovsk	218	654	779	974	1261	1741	2418	3341	4684	6601	2282	4319
Donetsk	246	533	641	711	879	1205	1693	2484	3496	4918	1782	3136
Zhytomyr	231	482	543	613	786	1007	1327	1836	2532	3342	1251	2091
Zakarpattia	180	590	720	855	1164	1655	2139	2332	2949	4267	1224	3043
Zaporizhzhya	320	702	796	898	1075	1521	2076	2687	3686	5091	1910	3181
Ivano-Frankivsk	190	413	466	512	615	793	1124	1636	2264	3270	943	2327
Kyiv	223	546	667	796	890	1227	1705	2692	3820	5690	1948	3742
Kirovohrad	164	436	557	644	769	1025	1364	1906	2677	3795	1410	2385
Luhansk	200	391	440	514	623	857	1140	1572	2215	3327	1186	2141
Lviv	221	683	779	938	1185	1546	2141	2675	3694	5018	1703	3315
Mykolayiv	222	443	565	676	772	1058	1437	2101	3197	4426	1289	3137
Odesa	181	445	561	751	1039	1520	2144	3104	4174	5916	2094	3822
Poltava	241	640	746	798	941	1202	1612	2241	3052	4430	1465	2965
Rivne	202	401	520	695	849	1086	1419	1811	2382	3346	1279	2067
Sumy	245	585	733	728	828	1062	1416	1768	2233	3086	1160	1926
Ternopil	143	334	411	495	640	857	1187	1560	2043	3019	1049	1970
Kharkiv	222	688	877	1003	1277	1690	2380	3249	4391	6042	2335	3707
Kherson	192	439	532	654	902	1225	1613	2223	2990	3981	1148	2833
Khmelnyskiy	210	386	489	557	733	943	1306	1832	2484	3718	1037	2681
Cherkasy	226	460	513	570	754	1021	1298	1750	2401	3480	1087	2393
Chernivtsi	226	515	607	733	952	1208	1578	1991	2960	4052	1245	2807
Chernihiv	250	563	648	684	814	1056	1340	1828	2502	3458	1530	1928
cities												
Kyiv	456	1571	1953	2250	3027	4216	6603	9545	13187	17367	5742	11625
Sevastopol	256	573	719	887	1111	1582	2339	3203	4769	6600	2731	3869

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12.13. Retail trade turnover of enterprises, volume indices for goods

(percent)

	2000=100								2008 over 2007
	2001	2002	2003	2004	2005	2006	2007	2008	
All commodities	114,1	131,9	160,7	197,2	245,1	311,5	405,3	478,3	118,0
Foodstuffs	105,3	115,5	134,8	165,0	196,4	233,7	273,4	299,4	109,5
meat and meat products	84,6	89,8	115,4	135,0	164,6	209,7	254,2	268,2	105,5
butter	110,1	108,8	104,3	128,0	141,6	164,0	167,9	183,0	109,0
vegetable oil	122,5	114,9	158,6	250,0	311,0	387,5	441,8	508,1	115,0
other fats	122,3	135,3	151,0	185,4	210,6	149,9	131,9	106,6	80,8
milk and dairy products	107,9	122,5	139,7	168,8	194,3	229,7	257,7	263,4	102,2
rennet, melted and lactic cheese	116,7	140,9	191,9	265,8	324,0	413,4	504,3	577,9	114,6
eggs	113,3	159,3	150,7	138,8	148,5	190,8	210,1	255,5	121,6
sugar	84,4	97,2	101,7	122,1	127,4	126,5	172,0	187,7	109,1
confectionery	109,5	120,5	123,8	148,9	177,8	216,9	244,9	275,8	112,6
tea	108,2	135,9	174,8	239,7	308,7	421,7	528,8	619,2	117,1
flour, bread and bakery products	86,4	77,3	73,8	71,9	75,1	73,6	71,8	72,7	101,2
potatoes	181,5	179,0	227,5	478,2	604,0	512,8	765,6	849,8	111,0
vegetables	108,3	93,8	93,2	136,2	161,5	195,3	260,7	295,4	113,3
fruitery, berries, fruit, nuts (including watermelons and melons)	106,6	109,1	168,3	267,8	351,9	441,3	512,8	540,0	105,3
non-alcoholic beverages	112,6	139,4	164,5	185,4	243,6	342,0	462,7	503,4	108,8
alcoholic beverages	110,0	125,0	150,3	189,7	224,0	257,6	291,6	333,2	114,3
Manufactured goods	122,4	147,7	186,0	228,8	292,9	386,9	531,6	649,6	122,2
fabrics	81,2	69,8	67,1	58,5	60,7	74,8	114,7	125,9	109,8
textile clothes and underwear	95,7	94,9	104,3	135,1	198,5	267,8	337,2	517,6	153,5
knitted outerwear and underwear	104,1	110,8	136,9	148,5	201,1	252,4	389,2	621,6	159,7
hosiery	125,2	100,7	112,2	138,0	211,3	362,6	553,3	822,2	148,6
leather, textile, felt and combined footwear	113,2	109,4	144,8	189,4	261,4	395,0	735,1	1007,8	137,1
detergents for washing, cleaning and caring	134,5	174,9	227,9	291,7	361,4	457,5	553,1	635,0	114,8
watches and clocks	112,1	152,5	129,5	112,9	127,8	161,3	222,4	508,0	228,4
audio/video equipment	137,0	204,3	261,5	418,4	613,8	1315,4	1862,6	2112,2	113,4
furniture	103,1	110,1	119,6	177,8	206,4	236,5	275,8	360,5	130,7
crookery and flatware	103,0	99,3	142,3	154,0	201,3	235,9	302,9	434,7	143,5
jewelry	107,4	118,8	144,5	181,3	205,2	243,8	268,9	302,2	112,4

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12.14. Commodity structure of retail trade turnover of enterprises

	2000	2005	2006	2007	2008	2000	2005	2006	2007	2008
	mln. UAH					percent				
All commodities¹	28757,4	94332,4	129951,7	178232,6	246903,2	100,0	100,0	100,0	100,0	100,0
Foodstuffs	14930,7¹	34939,2	44497,8	56444,4	76672,2	51,9¹	37,1	34,2	31,6	31,1
meat and meat products	1788,1	5175,3	6771,0	8447,3	11973,3	6,2	5,5	5,2	4,7	4,9
fresh and frozen meat and poultry	659,6	2317,3	2971,8	3611,9	5203,8	2,3	2,5	2,3	2,0	2,1
smoked and salted meat and sausage goods	1073,3	2684,0	3516,3	4231,5	5838,4	3,7	2,8	2,7	2,4	2,4
canned meat, ready-to-eat meat products	55,2	174,0	282,9	603,9	931,1	0,2	0,2	0,2	0,3	0,4
fish and fish products	453,3	1555,3	1917,5	2624,6	3747,2	1,5	1,6	1,5	1,5	1,5
fish and sea foods	333,9	1171,0	1417,9	1892,9	2678,0	1,1	1,2	1,1	1,1	1,1
canned fish and ready-to-eat fish products	119,4	384,3	499,6	731,7	1069,2	0,4	0,4	0,4	0,4	0,4
canned vegetables, and fruit and berries	160,9	742,1	873,0	990,1	1319,2	0,6	0,8	0,7	0,6	0,5
fats	543,3	1309,7	1343,9	1663,5	2513,4	1,9	1,3	1,0	0,9	1,0
butter	242,0	409,5	506,3	636,2	874,2	0,8	0,4	0,4	0,3	0,3
vegetable oil	114,2	416,1	484,8	672,5	1204,9	0,4	0,4	0,4	0,4	0,5
other fats (other animal fats, margarine)	187,1	484,1	352,8	354,8	434,3	0,7	0,5	0,2	0,2	0,2
milk and dairy products	626,6	1809,0	2338,7	3083,7	3921,0	2,2	1,9	1,8	1,7	1,6
rennet cheese, processed and lactic cheese	187,8	847,7	1137,1	1642,9	2400,6	0,7	0,9	0,9	0,9	1,0
eggs	231,7	441,5	482,3	685,5	1138,1	0,8	0,5	0,4	0,4	0,5
sugar	253,9	432,2	508,1	548,0	691,1	0,9	0,5	0,4	0,3	0,3
confectionery	1231,5	2799,5	3649,4	4479,9	6253,4	4,3	3,0	2,8	2,5	2,5
tea	100,3	338,2	482,5	643,8	880,9	0,3	0,4	0,4	0,4	0,4
coffee	129,1	628,5	865,8	1091,7	1458,5	0,4	0,7	0,7	0,6	0,6
salt	28,5	37,4	46,5	51,2	66,4	0,1	0,0	0,0	0,0	0,0
bread and bakery products	1898,2	1699,2	1802,5	2009,4	2636,1	6,6	1,8	1,4	1,1	1,1
flour, cereals and macaroni	587,6	853,9	1165,0	1504,2	2232,4	2,0	0,9	0,9	0,8	0,9
flour	257,1	205,0	211,4	271,8	383,1	0,9	0,2	0,2	0,2	0,2
cereals and legumes	180,7	372,1	513,6	618,3	965,5	0,6	0,4	0,4	0,3	0,4
macaroni	149,8	276,8	440,0	614,1	883,8	0,5	0,3	0,3	0,3	0,3
potatoes	72,4	190,0	286,0	389,0	437,3	0,3	0,2	0,2	0,2	0,2
vegetables	166,3	500,8	748,2	1019,5	1507,9	0,6	0,5	0,6	0,6	0,6
fruitery, berries, fruit, nuts (including watermelons and melons)	143,2	684,6	1128,3	1528,0	2257,0	0,5	0,7	0,8	0,9	0,9
other foodstuffs	6328,0	14894,3	18952,0	24042,1	31238,4	22,0	15,9	14,5	13,5	12,6
Foodstuffs in restaurants network	×	4282,1	5204,5	6550,5	8379,6	×	4,5	4,0	3,7	3,3
Manufactured goods	13826,7	55111,1	80249,4	115237,7	161851,4	48,1	58,4	61,8	64,7	65,6
fabrics	110,4	73,4	91,7	143,3	164,5	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	1397,9	1686,4	2548,3	1,5	1,0	1,1	1,0	1,0
textile clothes and underwear	353,0	755,3	1035,0	1322,3	2080,6	1,2	0,8	0,8	0,8	0,8
leather clothes, fur and fur items	21,3	22,7	40,4	41,3	104,6	0,1	0,0	0,0	0,0	0,0

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.14 is continued

	2000	2005	2006	2007	2008	2000	2005	2006	2007	2008
	mln. UAH					percent				
textile for household use and interior	43,3	181,9	315,5	313,7	347,2	0,2	0,2	0,3	0,2	0,2
head gear	8,6	8,7	7,0	9,1	15,9	0,0	0,0	0,0	0,0	0,0
knitted outerwear and underwear, hosiery	160,0	355,9	503,6	793,8	1293,8	0,5	0,4	0,4	0,5	0,5
knitted outerwear and underwear	119,4	260,3	333,5	525,0	868,0	0,4	0,3	0,3	0,3	0,3
hosiery	40,6	95,6	170,1	268,8	425,8	0,1	0,1	0,1	0,2	0,2
footwear	222,8	614,6	945,7	1778,3	2490,7	0,8	0,6	0,7	1,0	1,0
leather textile combined including sporting	216,7	598,8	920,0	1737,7	2417,7	0,8	0,6	0,7	1,0	1,0
rubber and polymer	6,1	15,8	25,7	40,6	73,0	0,0	0,0	0,0	0,0	0,0
detergents for washing, cleaning and caring	324,0	1305,9	1732,9	2213,3	3129,8	1,1	1,4	1,3	1,2	1,3
toiletries	367,1	1598,3	2148,3	3077,5	4662,8	1,3	1,7	1,7	1,7	1,9
haberdashery and threads	108,7	147,1	221,6	279,3	312,7	0,4	0,2	0,2	0,2	0,1
matches	12,8	20,6	23,5	25,1	30,3	0,0	0,0	0,0	0,0	0,0
household, cultural and general use goods including	2778,8	10883,1	15214,4	21093,0	26123,6	9,7	11,5	11,7	11,8	10,6
watches and clocks	35,9	48,9	62,7	88,1	206,7	0,1	0,1	0,1	0,0	0,1
audio/video equipment	371,7	2288,8	4738,2	6527,1	7305,1	1,3	2,4	3,7	3,7	3,0
sporting goods including bicycles	55,3	114,2	171,2	245,9	334,5	0,2	0,1	0,1	0,1	0,1
games and toys	41,1	135,4	229,9	356,0	490,9	0,1	0,1	0,2	0,2	0,2
photo equipment	55,0	196,2	297,0	418,6	293,3	0,2	0,2	0,2	0,2	0,1
paper products and office supplies	91,0	223,9	294,1	300,1	392,4	0,3	0,2	0,2	0,2	0,2
stationery	126,3	210,8	261,5	282,9	355,2	0,4	0,2	0,2	0,2	0,1
computer and computing machines	114,3	805,3	1173,7	1911,0	2549,7	0,4	0,9	0,9	1,1	1,0
printed and electronic books, newspapers, magazines	546,7	1180,0	1521,4	1764,9	2228,1	1,9	1,3	1,2	1,0	0,9
electric appliances	499,1	3026,3	3943,2	5862,0	6904,8	1,7	3,2	3,0	3,3	2,8
motorcycles, scooters and motor bikes	5,3	28,4	34,0	38,8	45,0	0,0	0,0	0,0	0,0	0,0
furniture	306,9	699,8	819,3	980,2	1401,4	1,1	0,8	0,6	0,5	0,6
carpets and surfacing for floor and walls	47,4	85,4	333,0	664,2	1247,5	0,2	0,1	0,3	0,4	0,5
crockery and flatware	267,5	464,6	557,9	737,0	1145,7	1,0	0,5	0,4	0,4	0,5
other manufactured goods including	9315,9	39143,6	57969,8	84147,7	121094,9	32,4	41,5	44,6	47,2	49,1
window glass, timber, lumber, cement, bricks and other	739,5	3229,1	4305,1	6420,6	9583,6	2,6	3,4	3,3	3,6	3,9
gasoline	3294,6	12196,9	15244,2	19016,8	27876,9	11,5	12,9	11,7	10,7	11,3
pharmaceuticals	2052,7	6200,8	7305,4	9563,6	12598,1	7,1	6,6	5,6	5,4	5,1

¹ Including system of restaurant business

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.15 is continued

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.16. Foodstuffs sold through retail trade and restaurant network

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005 ¹	2006 ¹	2007 ¹	2008 ¹
Meat and meat products	2384	562	236	208	221	265	300	325	389	443	453
Butter	318	84	24	27	26	27	31	32	35	36	36
Vegetable oil	228	50	34	36	35	41	60	66	77	91	102
Rennet cheese, processed and lactic cheese	147	34	16	18	23	29	38	42	51	63	71
Eggs, mln.pcs	6883	1890	953	1113	1577	1475	1406	1341	1649	1791	2194
Sugar	1802	262	118	100	113	119	135	129	130	155	177
Confectionery	997	239	155	164	178	180	202	225	252	275	288
Tea	24	10	3	3	4	5	6	7	9	12	13
Bread and bakery products (in flour equivalent)	7568	3222	1493	1318	1191	1100	1044	953	952	948	933
Potatoes	1372	209	73	83	83	89	110	78	76	91	101
Vegetables	2342	397	139	131	128	137	156	151	183	205	210
Fruity, berries, fruit, nuts (including watermelons and melons)	449	94	70	63	72	130	133	148	203	230	237

¹ Foodstuffs sold through retail trade

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

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.18. Per capita sales of alcoholic beverages, by region

(on absolute alcohol base; L)

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

¹ Including Sevastopol city

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.19. Retail sales of durables

(thsd.pcs)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Refrigerators and freezers	887	176	78	107	139	160	246	354	473	653	628
Washing machines	1039	67	61	72	118	160	290	400	494	571	544
Vacuum cleaners	762	70	65	88	142	203	335	536	670	789	724
TV sets	1682	126	156	201	330	383	586	885	1074	1235	1157
Radio devices	1505	118	40	57	85	81	93	128	169	180	270
Photo cameras	407	23	70	91	103	110	133	187	253	378	470
Sewing machines	277	5	1	2	2	2	2	3	11	27	24
Motor cars	371	49	28	32	44	65	75	149 ¹	250 ¹	373 ¹	463 ¹
Mobile telephones	...	...	...	...	...	...	...	...	2981	3238	2842

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		2006		2007		2008	
	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	1298	100,0	1315	100,0	1645	100,0
including enterprises that sell mainly										
automobiles	82	5,9	169	13,2	226	17,4	284	21,6	496	30,2
automobile goods	495	35,4	297	23,3	276	21,3	271	20,6	272	16,5
fuel	819	58,7	810	63,5	796	61,3	760	57,8	877	53,3
Retail trade (excluding trade in transportation means)										
Total	21974	100,0	14959	100,0	14207	100,0	13340	100,0	12832	100,0
including enterprises that sell mainly										
foodstuffs										
in specialised shops	1558	7,1	839	5,6	863	6,1	865	6,5	965	7,5
in non-specialised shops	10636	48,4	7690	51,4	7246	51,0	6792	50,9	6341	49,4
manufactured goods										
in specialised shops	7039	32,0	4998	33,4	4841	34,1	4572	34,3	4629	36,1
in non-specialised shops	2312	10,5	1219	8,2	1070	7,5	932	7,0	775	6,0
not through shops	429	2,0	213	1,4	187	1,3	179	1,3	122	1,0
Restaurant activity										
Total	4849	100,0	4718	100,0	4591	100,0	4468	100,0	5028	100,0
activity of restaurants	468	9,7	526	11,1	582	12,7	615	13,8	698	13,9
activity of cafes	2906	59,9	3022	64,1	2875	62,6	2779	62,2	3034	60,3
activity of bars	766	15,8	682	14,5	658	14,3	618	13,8	814	16,2
activity of canteens and supply of ready-to-eat meals	709	14,6	488	10,3	476	10,4	456	10,2	482	9,6
Other economic activities										
Total	15839	×	16448	×	15682	×	15310	×	13098	×

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.21. Local units of retail trade enterprises and restaurants

(end of year; thsd.)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Retail trade										
Total	133,7	103,2	96,4	89,3	83,8	78,5	75,2	73,6	71,9	69,2
Shops	109,5	77,9	72,3	66,8	62,3	58,3	55,8	54,6	52,3	50,5
in urban areas	61,3	48,1	44,9	42,1	39,5	37,6	36,8	36,9	36,1	35,4
in rural areas	48,2	29,8	27,4	24,7	22,8	20,7	19,0	17,7	16,2	15,1
Kiosks	24,2	25,3	24,1	22,5	21,5	20,2	19,4	19,0	19,6	18,7
in urban areas	20,7	21,7	20,5	19,3	18,4	17,4	16,5	16,0	16,6	15,7
in rural areas	3,5	3,6	3,6	3,2	3,1	2,8	2,9	3,0	3,0	3,0
Per 10 thsd. population										
retail trade entities, units	26	21	20	19	18	17	16	16	16	15
shops' floorspace, sq.m	2135	1437	1346	1261	1238	1264	1355	1468	1616	1753
Restaurants										
Total	40,3	33,1	32,0	30,6	28,9	27,9	27,3	26,8	26,1	24,9
in urban areas	29,4	22,9	22,4	21,8	20,7	19,9	19,2	18,8	18,2	17,4
in rural areas	10,9	10,2	9,6	8,8	8,2	8,0	8,1	8,0	7,9	7,5
Per 10 thsd. population										
restaurant entities, units	8	7	7	6	6	6	6	6	6	5
seats	548	392	380	369	361	358	361	360	361	354

12.22. Consumer goods markets

(end of year; units)

1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008			
										total	including		
											food-stuffs	manufactured goods	mixed goods
1576	1282	2514	2715	2863	2891	2869	2886	2890	2834	2785	425	705	1655

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(end of year; thsd.)

	Retail trade							Restaurant activity						
	1990	1995	2000	2005	2006	2007	2008	1990	1995	2000	2005	2006	2007	2008
Ukraine	145,7	133,7	103,2	75,2	73,6	71,9	69,2	62,7	40,3	33,1	27,3	26,8	26,1	24,9
Autonomous Republic of Crimea	6,4	4,8	4,6	3,6	3,5	3,5	3,4	2,4	1,3	1,4	1,7	1,8	1,7	1,7
oblasts														
Vinnitsya	6,4	5,8	4,2	3,3	3,2	3,0	2,8	2,2	1,6	1,0	1,4	1,3	1,3	1,3
Volyn	3,1	3,4	2,4	1,9	1,9	1,8	1,7	1,5	1,2	1,3	1,2	1,1	1,0	1,0
Dnipro-petrovsk	8,3	8,1	6,4	5,1	5,0	4,7	4,5	4,2	2,8	2,0	1,6	1,5	1,5	1,3
Donetsk	11,7	10,6	8,9	5,9	5,9	6,0	5,7	5,8	3,7	2,9	2,1	2,0	2,0	1,9
Zhytomyr	5,0	4,6	3,4	2,4	2,3	2,3	2,2	2,0	1,4	1,0	0,7	0,7	0,7	0,6
Zakarpattia	3,8	3,5	2,9	2,1	2,1	2,0	1,9	2,1	1,5	1,2	0,8	0,8	0,7	0,6
Zaporizhzhya	5,0	4,3	3,8	2,8	2,8	2,7	2,7	2,4	1,6	1,3	0,9	0,9	0,9	0,8
Ivano-Frankivsk	4,4	4,4	3,0	1,9	1,9	1,9	1,8	2,1	1,6	1,0	0,8	0,8	0,8	0,7
Kyiv	5,4	4,6	3,9	2,9	2,9	2,9	2,9	2,0	1,4	1,3	1,0	1,0	0,9	0,9
Kirovohrad	4,2	3,7	2,8	2,1	2,1	2,0	2,0	1,4	1,0	0,7	0,5	0,5	0,5	0,5
Luhansk	7,4	6,0	4,2	3,0	2,9	2,9	2,9	3,3	1,9	1,3	1,0	0,9	0,8	0,8
Lviv	7,5	8,1	7,3	5,2	5,0	4,8	4,5	3,8	3,2	2,5	2,2	2,3	2,1	2,0
Mykolayiv	4,3	3,9	2,9	2,0	1,9	1,9	1,7	1,5	1,2	1,0	0,8	0,7	0,6	0,6
Odesa	7,7	6,5	5,4	4,0	3,8	3,6	3,5	3,1	1,6	1,4	1,2	1,2	1,2	1,1
Poltava	6,3	5,8	4,2	3,0	2,9	2,9	2,8	2,3	1,5	1,3	0,9	0,9	0,8	0,8
Rivne	3,6	3,4	2,2	1,7	1,7	1,7	1,7	1,5	0,9	0,9	0,7	0,6	0,6	0,6
Sumy	5,1	3,9	3,2	1,8	1,8	1,7	1,7	1,7	0,9	0,7	1,0	1,0	1,0	0,9
Ternopil	3,9	4,3	2,3	1,5	1,4	1,3	1,3	1,6	0,9	0,9	0,6	0,9	0,9	0,9
Kharkiv	7,3	9,0	5,9	4,0	4,0	3,9	3,7	3,6	2,1	2,1	1,5	1,4	1,7	1,7
Kherson	4,0	3,6	2,6	1,9	1,8	1,8	1,7	1,5	1,0	0,8	0,5	0,5	0,5	0,4
Khmelnyskiy	5,4	5,1	3,7	2,5	2,3	2,2	2,0	1,7	1,1	1,1	0,7	0,6	0,5	0,5
Cherkasy	4,6	3,6	3,1	2,1	2,0	2,0	1,9	1,9	1,0	0,9	0,6	0,5	0,5	0,4
Chernivtsi	2,7	2,5	1,7	1,2	1,1	1,1	1,0	1,2	0,8	0,6	0,4	0,4	0,3	0,3
Chernihiv	5,1	4,7	3,8	2,5	2,5	2,4	2,3	1,5	0,9	0,9	0,8	0,7	0,7	0,7
cities														
Kyiv	3,6	3,0	3,6	3,9	4,1	4,0	4,1	2,8	1,1	1,3	1,4	1,4	1,5	1,5
Sevastopol	0,7	0,6	0,8	0,9	0,8	0,9	0,8	0,3	0,2	0,3	0,3	0,4	0,4	0,4

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

	Floor area of shops, thsd.sq.m							Number of seats in public catering establishments, thsd.						
	1990	1995	2000	2005	2006	2007	2008	1990	1995	2000	2005	2006	2007	2008
Ukraine	11300	10950	7029	6359	6847	7493	8089	4467	2815	1916	1693	1681	1674	1636
Autonomous Republic of Crimea	459	384	268	230	234	258	283	169	91	80	77	77	76	78
oblasts														
Vinnitsya	444	458	246	217	225	223	213	142	101	66	96	92	91	88
Volyn	240	227	147	136	138	147	145	87	80	69	71	69	65	66
Dnipro-petrovsk	742	775	543	543	613	677	709	356	228	136	114	113	107	105
Donetsk	1171	1187	756	556	668	713	796	450	299	208	151	152	149	148
Zhytomyr	357	336	238	185	186	186	202	123	92	62	51	49	49	48
Zakarpattia	282	284	182	131	146	143	172	132	81	51	38	36	33	28
Zaporizh-zhya	431	401	269	238	277	321	370	170	106	73	55	51	48	49
Ivano-Frankivsk	286	290	158	124	142	169	174	144	102	50	42	41	41	40
Kyiv	437	390	250	207	237	259	265	131	96	78	66	67	65	61
Kirovohrad	310	281	156	131	134	140	151	93	69	43	38	37	38	34
Luhansk	641	596	315	238	247	297	312	244	149	87	73	68	65	63
Lviv	527	518	406	356	414	426	434	259	208	128	118	122	117	111
Mykolayiv	304	312	171	151	170	236	240	102	74	53	38	34	34	31
Odesa	499	482	322	474	400	423	465	222	92	67	65	65	67	68
Poltava	429	394	241	177	210	238	266	151	94	59	55	53	44	44
Rivne	276	284	146	122	140	166	195	98	64	56	46	44	45	44
Sumy	361	293	218	139	134	142	147	119	70	37	65	66	66	63
Ternopil	264	289	137	91	90	99	129	90	53	39	30	49	50	50
Kharkiv	595	566	412	383	440	484	538	289	157	122	92	90	120	117
Kherson	280	289	158	148	159	167	172	99	55	35	25	23	24	24
Khmel-nytskyi	404	424	233	187	176	204	224	126	73	59	43	39	38	38
Cherkasy	383	342	225	151	151	154	208	128	73	49	32	31	31	29
Chernivtsi	180	171	103	78	72	106	105	83	49	37	30	28	25	24
Chernihiv	350	319	234	168	171	168	166	92	58	49	41	42	39	36
cities														
Kyiv	411	445	427	714	775	830	890	269	125	108	127	130	134	137
Sevastopol	65	70	68	84	98	117	118	34	22	15	14	13	13	12

13. SERVICES

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

The **amount of the sold services** (including the VAT). These are the data about the amount of the sold services which is determined by the price of the sold produce (the services rendered) unloaded outwards enterprises. It is fixed in the documentation completed as 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.).

The statistical observation over the activity of an enterprise rendering services is carried out 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							Average number of payroll employees as of January 1, 2009, persons
	2002 ²	2003	2004	2005	2006	2007	2008	
Ukraine	46971,0³	56718,5⁴	74406,2⁴	95832,3⁴	120910,2⁴	157005,1³	203850,8³	1860317³
Autonomous Republic of Crimea	2341,0	2949,7	3639,6	4342,9	5322,4	6681,0	8365,1	113881
oblasts								
Vinnitsya	800,4	817,6	979,0	1276,2	1629,0	1989,5	2556,3	51748
Volyn	398,9	525,4	721,1	949,0	1219,7	1590,0	2010,4	28506
Dnipropetrovsk	2972,6	3313,2	4072,4	5059,1	6669,9	8305,3	11114,2	148152
Donetsk	3121,6	3789,9	5305,8	7256,4	9142,3	11807,4	15121,4	175731
Zhytomyr	397,2	445,5	576,9	755,5	949,4	1188,2	1513,2	33427
Zakarpattia	493,7	600,9	681,7	924,3	1319,7	1606,5	2071,8	34330
Zaporizhzhya	1177,3	1426,0	1855,1	2265,3	2682,0	3449,7	4331,2	65312
Ivano-Frankivsk	688,5	570,5	676,4	917,5	1164,7	1614,4	2110,4	31620
Kyiv ⁵	821,5	1009,4	1555,4	1992,1	2661,7	3993,4	6206,8	59636
Kirovohrad	662,8	764,4	1006,6	1253,7	1662,7	2022,5	2762,6	32843
Luhansk	1074,3	1130,1	1549,9	2039,8	2657,0	3429,2	4158,7	67375
Lviv	2789,1	3546,0	3915,9	5280,3	6322,7	7432,5	10027,5	126988
Mykolayiv	1051,8	1122,6	1396,4	1638,4	2187,4	2483,7	3653,2	38836
Odesa	5320,7	6164,5	7523,6	9085,1	10822,7	13296,5	19402,0	140928
Poltava	738,2	804,8	1028,3	1407,6	1815,3	2461,0	3166,1	51230
Rivne	601,5	725,7	874,3	1091,7	1392,0	1697,1	2161,4	33028
Sumy	458,9	550,4	754,6	957,3	1191,5	1562,5	1941,3	35683
Ternopil	324,0	355,9	500,8	609,2	774,2	967,4	1210,8	24694
Kharkiv	2168,5	2866,4	3689,1	4724,2	6016,0	7607,5	9508,9	129552
Kherson	768,1	873,3	1163,5	1380,5	1624,3	2043,2	2576,4	34773
Khmelnyskiy	457,8	529,0	668,7	739,0	896,7	1133,6	1522,2	26581

SERVICES

Table 13.1 is continued

	Services sold ¹							Average number of payroll employees as of January 1, 2009, persons
	2002 ²	2003	2004	2005	2006	2007	2008	
Cherkasy	661,4	690,1	786,3	1038,3	1301,3	1666,6	2191,0	30931
Chernivtsi	391,7	409,3	481,3	641,7	778,5	1009,7	1206,5	19430
Chernihiv cities	418,2	487,9	635,9	862,9	1108,7	1311,5	1619,5	26644
Kyiv	9565,6	12630,0	19376,5	27562,6	35897,8	48079,3	61379,0	241792
Sevastopol	376,5	442,3	588,2	742,7	877,3	1113,2	1468,2	14728

¹ Including VAT

² In 2002 the survey did not cover scientific and technical organizations

³ Undistributed by region services on gas, oil and ammonia transportation, services rendered by *International Airlines of Ukraine, Aerosvit, Boryspil International Airport*, and number of payroll employees of the mentioned enterprises are included

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

⁵ Excluding volumes of services rendered by *International Airlines of Ukraine, Aerosvit, Boryspil International Airport*

In addition, in 2008 the services sold at market prices by budget-funded enterprises (establishments) services rendered by valued at 8387,0 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	2007	2008	2002	2007	2008	2002	2007	2008
Ukraine	13589,6²	41331,0³	52371,1³	28,9	26,3	25,7	282	932	1132
Autonomous Republic of Crimea oblasts	932,5	2544,0	3118,3	39,8	38,1	37,3	456	1292	1565
Vinnitsya	200,7	577,3	739,9	25,1	29,0	28,9	114	342	444
Volyn	189,7	490,7	602,9	47,5	30,9	30,0	179	459	582
Dnipropetrovsk	955,6	2435,4	2945,0	32,1	29,3	26,5	269	692	870
Donetsk	932,8	2992,6	3688,7	29,9	25,3	24,4	194	642	816
Zhytomyr	171,6	433,2	539,2	43,2	36,5	35,6	124	319	415
Zakarpattia	148,4	480,1	587,7	30,1	29,9	28,4	118	371	473
Zaporizhzhya	530,0	1233,5	1482,2	45,0	35,8	34,2	276	653	811
Ivano-Frankivsk	165,0	494,2	651,5	24,0	30,6	30,9	117	347	471
Kyiv ⁴	226,9	931,3	1110,3	27,6	23,3	17,9	125	488	641
Kirovohrad	156,2	434,1	540,1	23,6	21,5	19,6	139	412	523
Luhansk	326,1	1040,5	1274,5	30,4	30,3	30,6	129	434	544
Lviv	811,2	1870,0	2446,2	29,1	25,2	24,4	310	699	957
Mykolayiv	249,3	585,6	728,1	23,7	23,6	19,9	198	462	607
Odesa	892,5	2302,1	2779,7	16,8	17,3	14,3	363	935	1161
Poltava	263,8	674,3	899,6	35,7	27,4	28,4	163	444	593
Rivne	179,9	422,0	518,0	29,9	24,9	24,0	154	368	450
Sumy	208,1	567,2	696,3	45,4	36,3	35,9	161	469	585
Ternopil	137,4	333,9	419,5	42,4	34,5	34,6	121	303	383
Kharkiv	1033,0	2270,3	2725,5	47,6	29,8	28,7	356	875	977
Kherson	188,6	581,9	682,9	24,6	28,5	26,5	162	510	619
Khmelnyskiy	219,7	436,3	560,6	48,0	38,5	36,8	154	319	417
Cherkasy	213,7	624,7	779,7	32,3	37,5	35,6	153	447	595
Chernivtsi	168,9	428,2	493,3	43,1	42,4	40,9	184	447	546
Chernihiv cities	149,6	444,7	527,1	35,8	33,9	32,5	121	369	467
Kyiv	2972,8	13067,1	15891,3	31,1	27,2	25,9	1136	5609	5773
Sevastopol	134,9	340,9	414,4	35,8	30,6	28,2	377	886	1162

¹ See the first footnote to Table 13.1

² Includes services related to transportation of gas not distributed by region, by *International Airlines of Ukraine, Aerosvit, Boryspil International Airport*

³ Includes undistributed by region services on gas transportation, services rendered by *International Airlines of Ukraine, Aerosvit, Boryspil International Airport*

⁴ See the fifth footnote to Table 13.1

SERVICES

13.3. Services, by type of economic activity

(mln. UAH)

	Services sold ¹						Services sold to the population ¹					
	2002	2004	2005	2006	2007	2008	2002	2004	2005	2006	2007	2008
Total	46971,0	74406,2	95832,3	120910,2	157005,1	203850,8	13589,6	20459,6	27376,9	33327,3	41331,0	52371,1
of which												
Trade; repair of motor vehicles, household appliances and personal demand items	319,3	515,3	656,7	884,9	1376,4	1824,3	134,0	169,9	221,6	291,9	472,1	620,8
maintenance and servicing of motor vehicles, motorcycles	242,0	420,6	531,0	714,2	1175,8	1587,2	90,0	123,3	166,4	235,3	408,6	551,6
repair of household appliances and personal demand items	77,3	94,7	125,7	170,7	200,6	237,1	44,0	46,6	55,2	56,6	63,5	69,2
Activity of hotels and restaurants	790,3	1261,4	1633,3	2199,0	2964,8	3807,7	465,5	793,0	1024,8	1362,1	1886,9	2426,3
activity of hotels and supply of other places for staying	790,3	1261,4	1633,3	2199,0	2964,8	3807,7	465,5	793,0	1024,8	1362,1	1886,9	2426,3
Activity of transport and communications	34947,6	51445,6	63979,3	79239,8	97884,7	125406,3	8621,2	12885,8	17811,1	21762,0	25760,2	32165,8
activity of transport	21883,0	29474,0	34294,9	40473,3	51031,9	68443,5	3576,9	5094,4	7207,2	7537,5	9148,2	13387,4
services in traveling	400,4	789,8	963,9	1219,0	1575,4	1956,9	191,0	354,7	474,1	636,0	872,7	1026,9
cargo transportation management	1028,9	2064,3	2758,3	3679,8	5063,1	9027,8	37,8	15,1	20,3	25,6	57,0	59,5
activity of post and communications	11635,3	19117,5	25962,2	33867,7	40214,3	45978,1	4815,5	7421,6	10109,5	13562,9	15682,3	17692,0
Real estate transactions, renting, engineering and provision of services to businessmen	6530,3	14071,1	20055,1	26732,1	39833,5	53545,6	1844,5	2576,1	3164,6	3784,7	5219,9	6474,3

SERVICES

Table 13.3 is continued

	Services sold ¹						Services sold to the population ¹					
	2002	2004	2005	2006	2007	2008	2002	2004	2005	2006	2007	2008
real estate transactions	2217,0	3663,8	5152,8	7041,5	10926,8	14825,3	1329,6	1802,4	2270,8	2784,4	3848,7	4709,1
renting of machinery and equipment	124,6	388,8	722,0	905,5	1478,7	1945,7	5,2	16,2	11,3	27,2	20,9	20,7
hiring of household appliances and personal demand items	10,8	10,4	11,8	14,4	17,9	25,8	9,6	7,2	6,9	9,6	11,2	16,9
informatization activity	466,1	941,4	1183,3	1595,6	2476,0	3639,1	47,9	142,3	139,2	160,6	201,2	214,4
maintenance, repair of office and computer equipment	80,7	132,7	168,3	200,4	265,4	313,0	2,8	3,2	7,0	4,6	4,7	8,6
research and development ²	—	1297,8	1672,3	1969,9	2339,4	2918,4	—	21,7	32,3	22,5	32,8	45,6
activity in legislation	652,5	1238,6	1845,5	2412,2	4273,6	5186,2	93,6	58,2	66,4	96,2	129,6	154,0
activity in engineering, geology and land-surveying	1110,5	2282,4	3246,5	4123,3	6048,0	7836,6	168,8	338,6	423,4	490,5	708,0	989,3
technical testing and research	163,8	318,4	379,0	503,3	615,4	774,4	7,4	13,8	15,8	11,5	15,8	18,7
advertising activity	622,5	1694,6	2857,7	4190,8	4482,4	5838,8	13,8	10,7	10,8	10,6	17,8	22,8
recruitment and staffing	50,7	76,5	124,6	154,3	264,9	340,6	12,9	16,8	21,5	19,4	22,0	27,6
making an investigation and safeguarding	507,1	1076,2	1396,4	1639,1	2411,3	3339,4	11,6	30,7	33,8	16,7	39,5	73,7
cleaning of industrial and residential premises, equipment and means of transport	16,1	57,6	102,8	144,9	190,0	296,4	1,0	0,7	4,7	13,1	12,9	16,6
activity in photography	40,2	37,7	39,8	35,0	26,1	23,2	32,8	31,7	33,3	28,1	20,3	17,7
packing	8,2	14,7	35,6	46,0	47,0	57,9	0,1	0,0	0,0	3,7	1,2	0,0

SERVICES

Table 13.3 is continued

	Services sold ¹						Services sold to the population ¹					
	2002	2004	2005	2006	2007	2008	2002	2004	2005	2006	2007	2008
provision of secretarial and translation services	10,4	16,3	16,5	21,8	28,2	34,1	5,3	7,0	2,4	2,2	2,4	3,4
provision of other commercial services	449,1	823,2	1100,2	1734,1	3942,4	6150,7	102,1	74,9	85,0	83,8	130,9	135,2
Education	1156,2	1573,5	1940,4	1896,2	2321,1	2840,8	1014,1	1414,1	1736,6	1676,0	2014,5	2512,7
Health care and provision of social aid	1345,9	2002,0	2511,0	2962,8	3706,9	5001,5	563,6	849,3	1175,1	1458,8	1911,5	2552,0
activity in health care of human beings	1317,4	1977,2	2485,7	2954,1	3698,5	4990,5	543,2	836,7	1161,2	1453,5	1905,5	2544,8
veterinary activity	28,0	24,5	24,5	8,3	8,0	10,3	20,1	12,3	13,1	4,9	5,6	6,6
provision of social aid	0,5	0,3	0,8	0,4	0,4	0,7	0,3	0,3	0,8	0,4	0,4	0,6
Provision of communal and individual services; cultural and sporting activity	1881,4	3537,3	5056,5	6995,4	8917,7	11424,6	946,7	1771,4	2243,1	2991,8	4065,9	5619,2
sanitary services, street cleaning and refuse disposal	477,6	725,2	891,5	1089,1	1509,7	2134,4	86,3	105,2	135,8	187,2	278,9	399,4
cultural, sporting, recreational and entertainment activities	1003,1	2276,6	3546,1	5235,6	6636,9	8318,3	589,4	1286,2	1670,6	2314,7	3235,3	4537,2
provision of individual services	365,8	507,9	581,9	654,8	754,5	949,9	265,9	377,8	434,6	487,8	550,6	681,3

¹ See the first footnote to Table 13.1

² See the second footnote to Table 13.1

SERVICES

13.4. Structure of services, by type of economic activity

(percent)

	Services sold						Services sold to the population					
	2002	2004	2005	2006	2007	2008	2002	2004	2005	2006	2007	2008
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
of which												
Trade; repair of motor vehicles, household appliances and personal demand items	0,7	0,7	0,7	0,7	0,9	0,9	1,0	0,8	0,8	0,9	1,2	1,2
maintenance and servicing of motor vehicles, motorcycles	0,5	0,6	0,6	0,6	0,8	0,8	0,7	0,6	0,6	0,7	1,0	1,1
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	0,2	0,2	0,1
Activity of hotels and restaurants	1,7	1,7	1,7	1,8	1,9	1,9	3,4	3,9	3,7	4,1	4,6	4,6
activity of hotels and supply of other places for staying	1,7	1,7	1,7	1,8	1,9	1,9	3,4	3,9	3,7	4,1	4,6	4,6
Activity of transport and communications	74,4	69,2	66,8	65,6	62,3	61,5	63,4	63,0	65,0	65,3	62,3	61,4
activity of transport services in traveling	46,6	39,6	35,8	33,5	32,5	33,6	26,3	24,9	26,3	22,6	22,2	25,5
cargo transportation management	0,8	1,1	1,0	1,0	1,0	1,0	1,4	1,7	1,7	1,9	2,1	2,0
activity of mail and communications	2,2	2,8	2,9	3,1	3,2	4,4	0,3	0,1	0,1	0,1	0,1	0,1
Real estate transactions, renting, engineering and provision of services to businessmen	24,8	25,7	27,1	28,0	25,6	22,5	35,4	36,3	36,9	40,7	37,9	33,8
real estate transactions	13,9	18,9	21,0	22,0	25,3	26,3	13,6	12,5	11,5	11,3	12,6	12,4
renting of machinery and equipment	4,7	4,9	5,4	5,8	6,9	7,3	9,8	8,8	8,3	8,3	9,3	9,0
hiring of household appliances and personal demand items	0,3	0,5	0,8	0,8	0,9	1,0	0,0	0,1	0,0	0,1	0,1	0,0
informatization activity	0,0	0,0	0,0	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,0	0,0
maintenance, repair of office and computer equipment	1,0	1,3	1,2	1,3	1,6	1,8	0,4	0,7	0,5	0,5	0,5	0,4
research and development ¹	0,2	0,2	0,2	0,2	0,2	0,2	0,0	0,0	0,0	0,0	0,0	0,0
activity in legislation	—	1,7	1,8	1,6	1,5	1,4	—	0,1	0,1	0,1	0,1	0,1
	1,4	1,7	1,9	2,0	2,7	2,6	0,7	0,3	0,3	0,3	0,3	0,3

SERVICES

Table 13.4 is continued

	Services sold						Services sold to the population					
	2002	2004	2005	2006	2007	2008	2002	2004	2005	2006	2007	2008
activity in engineering, geology and land-surveying	2,4	3,1	3,4	3,4	3,9	3,8	1,2	1,6	1,6	1,5	1,7	1,9
technical testing and research	0,3	0,4	0,4	0,4	0,4	0,4	0,1	0,1	0,1	0,0	0,0	0,1
advertising activity	1,3	2,3	3,0	3,5	2,9	2,9	0,1	0,0	0,0	0,0	0,0	0,1
recruitment and staffing	0,1	0,1	0,1	0,1	0,2	0,2	0,1	0,1	0,1	0,1	0,1	0,1
making an investigation and safeguarding	1,1	1,4	1,5	1,4	1,5	1,6	0,1	0,2	0,1	0,1	0,1	0,1
cleaning of industrial and residential premises, equipment and means of transport	0,0	0,1	0,1	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0
activity in photography	0,1	0,1	0,0	0,0	0,0	0,0	0,2	0,1	0,1	0,1	0,1	0,0
packing	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 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	1,1	1,2	1,4	2,5	3,0	0,8	0,4	0,3	0,2	0,3	0,3
Education	2,4	2,1	2,0	1,6	1,5	1,4	7,5	7,0	6,4	5,0	4,9	4,8
Health care and provision of social aid	2,9	2,7	2,6	2,5	2,4	2,4	4,1	4,2	4,4	4,4	4,6	4,9
activity in health care of human beings	2,8	2,7	2,6	2,5	2,4	2,4	4,0	4,1	4,3	4,4	4,6	4,9
veterinary activity	0,1	0,0	0,0	0,0	0,0	0,0	0,1	0,1	0,1	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	4,7	5,2	5,8	5,7	5,6	7,0	8,6	8,2	9,0	9,8	10,7
sanitary services, street cleaning and refuse disposal	1,0	1,0	0,9	0,9	1,0	1,0	0,6	0,5	0,5	0,6	0,7	0,8
cultural, sporting, recreational and entertainment activities	2,1	3,0	3,7	4,3	4,2	4,1	4,3	6,3	6,1	6,9	7,8	8,6
provision of individual services	0,8	0,7	0,6	0,6	0,5	0,5	2,0	1,8	1,6	1,5	1,3	1,3

¹ See the second footnote to Table 13.1

SERVICES

13.5. Indices for the sold services, by region

(at comparable prices; percent of the previous year)

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

14. DEVELOPMENT OF SMALL BUSINESS

Small enterprises (in accordance with Ukraine's Law for *The changes in the Legal Acts of Ukraine on Business activity issues* from 18.09.2008 №523-VI) are business entities of any organizational 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.

Number of the 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 the payroll 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 the sold products (operations, services) is based on the price for selling the finished products (operations, services) shipped outside an enterprise. The price is specified in the completed document (including products (operations, services) under barter contracts) serving as the basis for settlements to be made with customers and exclude indirect taxes (value added tax, excise duty, etc.).

Operational costs for the sold products (operations, services) are business costs for manufacturing of the products (operations, services) sold during a reporting period. This indicator is grouped by components: material expenses, value of goods and services purchased for resale and sold without additional processing, amortization, labour costs, social security contributions and other operating costs.

Material costs are identified as materials, semi-processed and inventory materials, fuel,

energy, construction materials, spare parts, packaging and packing materials, ancillary and other materials (office supplies, products for healthful and dietary meals of employees, etc.) as well as the value of operations performed for an enterprise and productive and non-productive services.

Value of goods and services purchased for resale and sold without additional processing is the prime cost of goods (services) purchased for resale; the cost of the purchased materials (electricity, gas, oil products, etc.), products and inventory materials sold without additional (or without significant) processing by an enterprise, also the cost of the services purchased for further resale by other enterprises (purchase of advertising spaces, real estate services, tourist vouchers, etc.).

Amortization is the amount of depreciation of the fixed assets, intangible assets (including housing) and other non-current tangible assets accrued and indicated in the accounting.

Labour costs are wages (salaries) by base wages (salaries) and tariffs, premiums, welfare payments, bonuses, compensations, vacation pays and other remunerations for time not worked as well as other labour costs.

Social security contributions include payments made according to existing legislation for pension fund, social insurance, unemployment insurance, personal insurance of the employees of an enterprise, payments for social insurance against industrial accidents and occupational illnesses and other social security payments.

Other operational costs refer to operating activity costs related to the sales of the finished products (operations, services) and are not included in the list of the indicators mentioned above, namely the costs for business trips within prescribed limits, value of services rendered by

other enterprises, payment for value of the production materials: raw and direct mandatory payments (excluding those related to the usage of the natural raw materials as well as value added tax and income tax), losses resulting from spoilage of values, sum of pecuniary sanctions (penalties, fines, etc.), rent payment, etc.

Financial outcome from usual activity before taxation is a algebraic sum of profits (losses) that an business banking services, sum of

taxes, dues and enterprise received from operating activity, financial and other income (profits), 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.

The information for 2008 is detailed by type of economic activities; it is resulted without taking into account changes of the major type of activity of enterprises.

14.1. Basic indicators for small enterprises¹

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Small enterprises per 10 thsd. present population	19	44	48	53	57	60	63	72	76	72
Number of employees of small enterprises										
thsd.	1124,9	1709,8	1807,6	1918,5	2034,2	1928,0	1834,2	2158,5	2154,3	2156,7
percentage of the previous year	101,9	101,9	105,7	106,1	106,0	94,8	95,1	117,7	99,8	100,1
number of employees per one enterprise, persons	12	8	8	8	7	7	6	6	6	7
percentage of total employees at enterprises (business entities)	×	15,1	17,1	18,9	20,9	20,2	19,6	23,5	23,7	24,3

¹ Here and elsewhere (Tables 14.2–14.15) data are provided excluding banks, farms; data (for the period of 2006–2008) are compiled with including of changes in accordance with Ukraine's Law for *The changes in the Legal Acts of Ukraine on the regulations of Business activity issues* from 18.09.2008 №523-VI

² Statistical observation was not conducted

DEVELOPMENT OF SMALL BUSINESS

14.2. Small enterprises per 10 thsd. present population, by region

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	44	48	53	57	60	63	72	76	72
Autonomous Republic of Crimea	44	54	61	69	71	73	82	86	81
oblasts									
Vinnitsya	29	30	37	42	44	46	49	50	44
Volyn	33	35	39	43	45	45	49	50	45
Dnipropetrovsk	37	43	48	53	54	56	68	72	69
Donetsk	50	51	53	55	55	56	61	63	54
Zhytomyr	37	41	42	44	45	45	49	50	45
Zakarpattia	46	51	52	52	60	63	64	63	51
Zaporizhzhya	41	45	51	56	58	62	69	75	74
Ivano-Frankivsk	43	46	48	52	52	54	57	58	54
Kyiv	32	36	43	48	50	57	70	77	72
Kirovohrad	38	44	45	49	50	51	56	58	53
Luhansk	34	36	39	41	42	43	49	52	49
Lviv	51	53	56	59	62	63	72	76	75
Mykolayiv	53	57	60	62	63	64	72	77	67
Odesa	38	43	48	54	58	62	74	80	82
Poltava	37	40	44	47	48	49	57	61	60
Rivne	31	34	36	40	41	43	45	46	41
Sumy	37	41	44	45	47	48	52	52	51
Ternopil	26	30	32	37	38	39	42	45	39
Kharkiv	45	52	56	59	63	66	75	80	81
Kherson	64	49	52	53	54	55	60	62	53
Khmelnyskiy	31	34	36	40	42	44	49	51	45
Cherkasy	35	36	38	42	43	44	48	51	51
Chernivtsi	32	39	40	41	43	45	49	51	44
Chernihiv	27	28	35	40	41	43	47	50	50
cities									
Kyiv	117	130	151	167	180	196	240	267	243
Sevastopol	54	55	56	64	67	72	77	87	87

DEVELOPMENT OF SMALL BUSINESS

**14.3. Number of employees at small enterprises,
by type of economic activity***(thsd.)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	1709,8	1807,6	1918,5	2034,2	1928,0	1834,2	2158,5	2154,3	2156,7
Agriculture, hunting, forestry	110,9	130,7	143,7	162,5	164,9	162,0	161,2	151,6	146,2
Industry	362,9	389,1	422,5	446,8	402,7	373,4	409,7	394,1	383,9
Construction	198,2	217,0	219,2	232,4	222,5	209,4	246,4	261,9	273,4
Trade; repair of motor vehicles, household appliances and personal demand items	572,9	527,5	494,7	473,9	418,9	375,4	572,6	562,5	553,0
Activity of hotels and restaurants	69,5	72,9	76,9	77,6	75,3	71,5	73,9	71,5	70,6
Activity of transport and communications	77,6	88,3	100,6	110,2	106,7	102,8	118,4	122,2	125,8
Real estate transactions, renting, engineering and provision of services to businessmen	181,2	228,3	291,8	349,3	358,0	365,1	415,3	436,1	450,8
Education	21,2	23,8	26,3	27,6	27,3	26,8	15,6	15,1	15,2
Health care and provision of social aid	17,8	21,0	23,6	26,9	28,3	29,0	29,9	31,3	33,0
Provision of communal and individual services; cultural and sporting activity	80,1	90,3	98,5	105,2	101,7	95,9	87,6	79,4	74,9

**14.4. Share of the number of employees at small enterprises in the total number of
employees, by type of economic activity***(percent)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	15,1	17,1	18,9	20,9	20,2	19,6	23,5	23,7	24,3
Agriculture, hunting, forestry	4,4	6,0	7,4	9,9	11,9	13,5	16,1	17,3	18,7
Industry	8,1	9,1	10,4	11,3	10,2	9,5	10,6	10,7	10,9
Construction	28,4	33,2	34,8	36,7	33,9	31,8	36,9	38,5	40,6
Trade; repair of motor vehicles, household appliances and personal demand items	50,8	48,6	45,8	43,9	38,4	33,4	47,6	43,4	41,0
Activity of hotels and restaurants	55,5	57,9	61,2	62,4	60,3	57,5	54,3	51,0	50,4
Activity of transport and communications	6,6	7,6	8,8	9,8	9,6	9,3	10,7	10,8	11,2
Real estate transactions, renting, engineering and provision of services to businessmen	28,0	33,8	40,6	46,1	46,5	46,0	50,2	51,3	52,1
Education	40,8	41,7	36,7	37,8	35,3	34,0	40,4	41,0	42,0
Health care and provision of social aid	25,7	29,2	31,9	32,4	32,4	33,2	34,3	35,3	36,8
Provision of communal and individual services; cultural and sporting activity	43,3	47,9	51,0	54,7	52,1	49,1	48,0	43,0	39,5

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14.5. Employment at small enterprises, by region

	Number of employees, thsd.							Employment rate at small enterprises, percent of the total population of working ages						
	2000	2003	2004	2005	2006	2007	2008	2000	2003	2004	2005	2006	2007	2008
Ukraine	1709,8	2034,2	1928,0	1834,2	2158,5	2154,3	2156,7	6,1	7,2	6,8	6,5	7,7	7,7	7,7
Autonomous Republic of Crimea	65,5	85,1	82,3	79,2	88,2	87,0	86,4	5,4	7,0	6,7	6,5	7,2	7,2	7,2
oblasts														
Vinnitsya	52,0	59,8	57,3	54,3	56,9	54,5	55,0	5,4	6,2	5,9	5,6	5,9	5,7	5,8
Volyn	32,7	38,1	35,8	32,8	36,9	36,7	36,2	5,6	6,3	5,9	5,4	6,0	6,0	5,9
Dnipropetrovsk	107,9	130,9	122,8	115,9	149,2	147,6	146,3	5,2	6,2	5,9	5,5	7,1	7,1	7,1
Donetsk	149,9	170,1	162,0	149,6	171,6	168,6	169,3	5,3	6,0	5,7	5,3	6,1	6,1	6,2
Zhytomyr	43,6	52,9	53,1	49,0	52,9	51,3	50,9	5,7	6,9	6,9	6,4	6,9	6,8	6,7
Zakarpattia	41,7	45,1	39,9	36,7	38,7	38,3	38,4	5,7	6,0	5,3	4,9	5,1	5,0	5,1
Zaporizhzhya	65,5	76,6	71,6	69,7	84,5	83,0	82,2	5,8	6,7	6,3	6,1	7,5	7,4	7,4
Ivano-Frankivsk	47,7	51,2	46,5	42,2	43,6	42,5	42,6	6,0	6,3	5,7	5,2	5,3	5,1	5,1
Kyiv	60,7	74,2	71,5	70,5	85,8	87,7	89,4	5,8	7,1	6,8	6,7	8,2	8,4	8,6
Kirovohrad	34,5	39,9	35,0	33,7	37,7	36,4	34,8	5,5	6,4	5,7	5,5	6,2	6,0	5,8
Luhansk	68,9	75,5	72,0	66,9	75,2	73,7	72,1	4,6	5,1	4,9	4,5	5,1	5,1	5,0
Lviv	124,3	134,4	126,6	119,2	131,0	128,4	125,8	8,3	8,8	8,3	7,8	8,5	8,3	8,2
Mykolayiv	47,7	54,8	49,3	45,4	51,4	50,8	50,5	6,4	7,3	6,6	6,1	6,9	6,9	6,9
Odesa	86,9	103,9	100,4	98,1	117,8	119,1	120,1	6,0	7,1	6,9	6,7	8,1	8,1	8,2
Poltava	55,8	69,1	60,9	55,1	61,2	59,1	58,2	6,1	7,6	6,7	6,1	6,8	6,6	6,5
Rivne	37,2	42,8	40,3	38,9	39,8	38,5	37,6	5,7	6,3	5,9	5,7	5,8	5,6	5,5
Sumy	44,5	50,7	45,8	42,2	44,6	43,7	43,0	6,0	6,9	6,2	5,8	6,1	6,1	6,0
Ternopil	31,1	39,6	37,7	35,2	37,1	36,0	34,6	5,0	6,2	5,9	5,5	5,8	5,6	5,4
Kharkiv	111,3	139,4	133,0	126,7	144,1	142,2	140,2	6,4	7,9	7,6	7,2	8,2	8,2	8,1
Kherson	35,1	40,7	38,3	36,9	41,7	40,1	39,5	5,1	5,9	5,6	5,4	6,1	5,9	5,9
Khmelnyskiy	41,8	53,1	49,0	47,0	50,3	47,2	45,5	5,3	6,7	6,2	6,0	6,4	6,0	5,8
Cherkasy	37,6	50,8	45,0	42,4	46,8	46,4	46,2	4,9	6,6	5,8	5,5	6,1	6,1	6,1
Chernivtsi	29,6	31,3	29,0	28,0	29,5	28,4	27,5	5,7	5,9	5,4	5,2	5,5	5,3	5,1
Chernihiv	37,9	47,0	44,0	40,4	43,0	42,2	41,5	5,7	7,1	6,6	6,1	6,6	6,5	6,5
cities														
Kyiv	202,6	256,3	259,7	259,9	378,8	403,7	420,6	12,1	14,9	14,8	14,8	21,4	22,7	23,6
Sevastopol	15,8	20,9	19,2	18,3	20,2	21,2	22,3	6,8	9,9	8,2	7,8	8,6	9,1	9,6

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14.6. Share of the number of employees at small enterprises in the total number of employees, by region*(percent)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	15,1	17,1	18,9	20,9	20,2	19,6	23,5	23,7	24,3
Autonomous Republic of Crimea	17,5	21,0	23,5	26,3	25,8	25,8	29,2	29,1	30,0
oblasts									
Vinnitsya	13,3	15,0	16,9	20,2	21,2	22,0	25,1	25,6	28,0
Volyn	16,4	18,3	21,2	24,9	24,7	23,1	26,3	26,0	25,9
Dnipropetrovsk	11,5	12,4	13,7	15,0	14,2	13,4	17,1	17,1	17,4
Donetsk	11,9	12,6	14,0	15,5	14,7	13,6	15,6	15,6	16,1
Zhytomyr	14,8	17,3	19,3	22,7	24,2	24,3	28,4	29,6	31,4
Zakarpattia	24,6	28,1	31,0	34,2	31,5	30,4	33,3	33,0	34,0
Zaporizhzhya	13,9	15,2	16,9	18,3	17,4	17,3	21,4	21,5	22,1
Ivano-Frankivsk	23,9	27,7	31,3	34,8	33,9	32,0	34,1	34,6	34,9
Kyiv	17,1	19,5	21,3	22,5	21,6	21,5	26,5	27,0	27,3
Kirovohrad	16,1	19,3	20,5	23,8	22,5	24,5	29,0	29,5	30,2
Luhansk	12,3	13,3	14,8	15,6	15,3	14,7	17,0	17,1	17,2
Lviv	21,1	23,3	25,4	27,4	26,6	25,3	28,4	28,1	28,0
Mykolayiv	17,5	20,7	22,1	24,9	23,9	23,4	27,9	29,5	30,5
Odesa	16,8	18,7	20,3	22,5	22,4	22,4	27,1	27,6	28,1
Poltava	14,6	17,2	19,3	21,5	19,9	18,8	21,9	21,9	22,2
Rivne	17,8	20,3	23,3	26,0	26,2	26,6	29,1	30,2	30,9
Sumy	14,6	16,4	18,5	21,1	20,4	20,5	24,0	25,1	26,1
Ternopil	15,1	18,9	24,0	28,6	29,4	29,3	32,9	33,7	33,7
Kharkiv	16,8	19,5	21,7	23,2	22,6	22,0	25,8	26,1	26,3
Kherson	14,6	17,8	21,4	25,1	25,8	25,9	30,9	31,3	32,3
Khmelnyskiy	13,0	15,2	17,7	22,5	23,0	24,1	29,2	29,8	30,9
Cherkasy	11,9	14,4	16,9	21,1	20,5	20,5	23,5	24,4	25,2
Chernivtsi	20,7	25,2	29,1	32,3	32,1	32,4	36,1	36,5	37,4
Chernihiv	15,0	16,9	19,2	23,1	23,0	22,4	25,5	26,4	27,8
cities									
Kyiv	14,6	16,5	17,4	17,9	17,1	16,1	22,8	23,1	23,6
Sevastopol	25,2	28,4	29,7	33,7	32,0	30,2	34,9	37,6	38,7

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**14.7. Number of employees at small enterprises in 2008,
by type of economic activity and region**

(thsd.)

	Total	By type of economic activity							
		agriculture, hunting, forestry	industry	const- ruction	trade; repair of motor vehicles, household appliances and personal demand items	activity of hotels and restau- rants	activity of trans- port and commu- nications	real estate transactions, renting, engineering and provision of services to businessmen	provision of communal and individual services; cultural and sporting activity
Ukraine	2156,7	146,2	383,9	273,4	553,0	70,6	125,8	450,8	74,9
Autonomous Republic of Crimea	86,4	6,0	12,2	12,8	18,0	5,9	6,5	18,0	3,9
oblasts									
Vinnitsya	55,0	6,7	11,5	6,3	13,3	1,0	3,2	8,6	2,3
Volyn	36,2	4,9	5,8	4,2	9,5	1,8	2,3	5,7	0,9
Dnipropetrovsk	146,3	7,5	23,8	20,5	44,3	3,4	8,1	29,3	4,6
Donetsk	169,3	6,6	27,0	22,3	45,6	5,4	9,7	38,8	7,4
Zhytomyr	50,9	8,2	12,9	5,2	11,6	1,0	2,5	6,7	1,8
Zakarpattia	38,4	2,0	9,5	4,6	8,5	2,2	2,6	6,9	1,1
Zaporizhzhya	82,2	6,6	14,7	11,8	20,9	3,7	4,8	14,5	2,3
Ivano-Frankivsk	42,6	2,5	9,8	7,2	10,0	1,5	1,9	6,7	1,6
Kyiv	89,4	7,9	20,5	12,7	22,6	2,4	5,0	13,2	2,9
Kirovohrad	34,8	6,5	6,4	3,5	7,9	0,8	1,7	6,0	1,3
Luhansk	72,1	4,6	15,2	9,2	18,1	1,4	4,0	14,9	2,7
Lviv	125,8	5,4	25,4	15,7	32,9	6,7	7,8	23,0	4,6
Mykolayiv	50,5	6,4	9,1	6,5	9,6	2,1	3,5	10,2	1,5
Odesa	120,1	9,1	17,1	13,5	26,6	4,8	12,4	26,6	5,5
Poltava	58,2	5,7	11,1	8,5	13,8	1,6	3,4	10,9	1,6
Rivne	37,6	3,6	8,5	6,5	8,2	1,0	2,1	5,8	1,0
Sumy	43,0	5,8	8,2	5,6	10,6	1,0	1,9	8,0	1,1
Ternopil	34,6	6,2	8,0	3,1	6,7	1,0	1,6	5,5	1,6
Kharkiv	140,2	6,7	30,7	14,9	35,8	3,8	5,5	34,0	4,1
Kherson	39,5	4,7	7,2	4,4	9,7	1,4	1,8	6,5	2,0
Khmelnyskiy	45,5	5,7	11,0	5,5	10,2	1,3	2,4	6,6	1,4
Cherkasy	46,2	6,5	9,5	6,0	10,3	1,0	2,4	7,1	1,7
Chernivtsi	27,5	2,0	6,2	3,5	7,3	1,0	1,6	4,1	1,0
Chernihiv	41,5	7,1	8,1	4,8	9,8	1,2	2,4	5,7	1,5
cities									
Kyiv	420,6	1,1	50,4	51,4	125,7	11,2	23,1	122,9	12,8
Sevastopol	22,3	0,2	4,1	3,2	5,5	1,0	1,6	4,6	0,7

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**14.8. Volume of products (operations, services) sold by small enterprises,
by type of economic activity**

(mln. UAH)

	2000	2002	2003	2004	2005	2006	2007	2008
Total	43810,1	49394,2	65202,1	74363,5	82936,7	357252,6	436247,8	492376,3
Agriculture, hunting, forestry	1087,2	1748,6	2070,6	2919,9	3559,9	5844,4	7671,6	10332,3
Industry	5807,8	7316,3	9052,2	10647,9	11772,2	31292,8	38504,3	45016,7
Construction	2974,3	4250,6	6089,8	7724,0	8863,4	25211,3	37588,2	44509,5
Trade; repair of motor vehicles, household appliances and personal demand items	27747,7	26106,2	32671,8	34545,9	36186,0	239181,2	275624,9	299120,4
Activity of hotels and restaurants	653,4	903,1	1090,3	1359,7	1558,4	2116,4	2703,1	3245,0
Activity of transport and communications	1493,7	2093,8	2770,5	3523,6	4076,8	10934,6	13961,6	16547,3
Real estate transactions, renting, engineering and provision of services to businessmen	2833,7	5077,2	7285,5	9307,9	11765,1	29645,5	42320,0	52936,6
Education	145,1	232,1	286,1	341,4	421,5	370,9	471,7	610,7
Health care and provision of social aid	138,0	216,3	310,3	379,3	485,5	692,2	927,1	1246,5
Provision of communal and individual services; cultural and sporting activity	486,6	849,4	1121,5	1417,5	1682,9	2738,4	3069,2	3675,4

**14.9. Share of small enterprises in the total output of products (operations, services) sold,
by type of economic activity**

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	8,1	7,1	6,7	6,6	5,3	5,5	18,8	18,1	16,3
Agriculture, hunting, forestry	5,6	7,2	8,2	9,1	9,2	9,9	18,0	17,2	17,2
Industry	2,8	2,8	3,0	2,9	2,4	2,3	5,1	5,0	4,6
Construction	21,9	23,5	21,2	19,8	15,7	15,7	33,0	33,0	32,6
Trade; repair of motor vehicles, household appliances and personal demand items	12,3	8,7	7,7	7,1	5,4	5,6	27,3	25,0	22,2
Activity of hotels and restaurants	38,9	33,5	37,9	40,1	36,3	36,4	37,2	35,2	32,5
Activity of transport and communications	3,9	4,1	4,4	5,2	5,1	4,7	10,9	10,9	10,1
Real estate transactions, renting, engineering and provision of services to businessmen	24,9	20,3	10,5	10,9	11,7	13,2	37,2	41,2	31,1
Education	30,4	31,9	27,1	26,1	25,7	25,4	36,5	38,5	40,4
Health care and provision of social aid	16,9	15,8	16,3	18,0	18,7	19,3	24,7	26,0	25,6
Provision of communal and individual services; cultural and sporting activity	11,3	12,5	13,2	10,7	7,1	14,1	30,4	25,0	23,9

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

	Year	Operational costs for 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	2007	424470,6	100	73123,0	17,2	265439,3	62,5
	2008	490037,8	100	93449,9	19,1	286317,4	58,4
Agriculture, hunting, forestry	2007	7233,7	100	4270,2	59,0	206,0	2,9
	2008	10420,0	100	5358,9	51,4	533,1	5,1
Industry	2007	38243,9	100	23552,4	61,6	4446,5	11,6
	2008	47257,0	100	28555,5	60,4	7469,1	15,8
Construction	2007	37245,2	100	26785,3	71,9	2289,6	6,2
	2008	48003,9	100	36301,1	75,6	3451,8	7,2
Trade; repair of motor vehicles, household appliances and personal demand items	2007	270134,8	100	4411,4	1,6	242449,1	89,7
	2008	302713,3	100	5473,4	1,8	256314,2	84,7
Activity of hotels and restaurants	2007	2758,5	100	977,4	35,4	427,7	15,5
	2008	3160,2	100	1105,4	35,0	601,0	19,0
Activity of transport and communications	2007	13920,5	100	2801,6	20,1	3339,5	24,0
	2008	15539,0	100	3417,5	22,0	3528,4	22,7
Real estate transactions, renting, engineering and provision of services to businessmen	2007	39974,7	100	8910,6	22,3	4753,3	11,9
	2008	45721,0	100	11360,8	24,9	6921,4	15,1
Education	2007	428,8	100	88,9	20,7	4,6	1,1
	2008	541,7	100	113,6	21,0	36,4	6,7
Health care and provision of social aid	2007	910,8	100	264,8	29,1	40,4	4,4
	2008	1118,8	100	349,2	31,2	104,9	9,4
Provision of communal and individual services; cultural and sporting activity	2007	3220,4	100	645,3	20,0	127,7	4,0
	2008	3538,4	100	799,9	22,6	250,4	7,1

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

by component								Operational costs per unit of sold products, kopecks/UAH
depreciation		labour costs		social contributions		other operational costs		
mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	
8337,9	2,0	20175,2	4,8	6899,1	1,6	50496,1	11,9	97,3
9446,8	2,0	25124,1	5,1	8429,2	1,7	67270,4	13,7	99,5
441,6	6,1	947,2	13,1	198,3	2,7	1170,4	16,2	94,3
506,4	4,9	1147,6	11,0	256,1	2,5	2617,9	25,1	100,8
1065,6	2,8	3436,9	9,0	1205,8	3,1	4536,7	11,9	99,3
1157,5	2,4	4146,9	8,8	1413,3	3,0	4514,7	9,6	105,0
530,4	1,4	2564,2	6,9	935,5	2,5	4140,2	11,1	99,1
604,8	1,3	3255,4	6,8	1177,7	2,4	3213,1	6,7	107,9
1560,7	0,6	5022,9	1,9	1920,6	0,7	14770,1	5,5	98,0
1695,3	0,6	6053,0	2,0	2274,5	0,7	30902,9	10,2	101,2
127,0	4,6	462,0	16,8	141,0	5,1	623,4	22,6	102,0
134,1	4,2	549,5	17,4	167,0	5,3	603,2	19,1	97,4
794,4	5,7	1163,4	8,4	399,5	2,9	5422,1	38,9	99,7
944,7	6,1	1448,3	9,3	487,9	3,1	5712,2	36,8	93,9
3362,2	8,4	5070,1	12,7	1626,4	4,1	16252,1	40,6	94,5
3858,4	8,4	6630,2	14,5	2067,6	4,5	14882,6	32,6	86,4
18,2	4,2	146,3	34,1	46,2	10,8	124,6	29,1	90,9
20,8	3,8	178,7	33,0	56,5	10,4	135,7	25,1	88,7
63,5	7,0	230,9	25,4	72,3	7,9	238,9	26,2	98,2
79,1	7,1	290,5	26,0	89,8	8,0	205,3	18,3	89,8
220,7	6,9	630,9	19,6	207,0	6,4	1388,8	43,1	104,9
239,5	6,7	746,1	21,1	243,4	6,9	1259,1	35,6	96,3

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14.11. Volume of products (operations, services) sold by small enterprises, by region*(mln. UAH)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	43810,1	47165,7	49394,2	65202,1	74363,5	82936,7	357252,6	436247,8	492376,3
Autonomous Republic of Crimea	1386,6	1696,6	1850,5	2167,1	2566,6	2788,9	9452,7	11089,2	12046,0
oblasts									
Vinnitsya	931,8	1005,0	1068,9	1269,1	1491,4	1688,9	5504,5	6405,7	7912,4
Volyn	576,7	631,3	653,3	883,0	986,3	1041,7	3471,2	4060,3	4874,5
Dnipropetrovsk	3519,0	3883,3	4141,6	6191,2	6539,6	6502,4	37217,9	42509,8	45933,4
Donetsk	4631,4	4769,0	4698,2	6083,6	6574,0	7201,4	29817,4	35448,2	41298,8
Zhytomyr	791,9	854,6	878,6	1049,7	1310,5	1443,1	4003,6	4840,5	6292,5
Zakarpattia	654,1	693,2	731,7	895,2	1005,9	1188,8	2974,3	3546,2	4548,5
Zaporizhzhya	1986,5	2056,3	2167,3	2690,5	3098,5	3488,5	14142,3	16612,3	17686,1
Ivano-Frankivsk	816,2	847,7	891,3	1091,3	1269,1	1414,3	3796,4	4722,4	5403,9
Kyiv	1332,1	1580,3	1691,4	2378,1	2591,7	3198,6	15203,4	18941,8	20921,5
Kirovohrad	660,7	816,1	840,5	1021,8	1172,8	1288,5	4922,3	5637,6	6906,4
Luhansk	1751,9	1966,1	1974,1	2338,3	2638,4	2908,6	13311,2	14145,9	15523,0
Lviv	2310,8	2529,5	2584,4	3069,8	3520,6	3990,1	12671,0	15218,6	17250,7
Mykolayiv	1092,1	1260,0	1245,7	1507,0	1759,5	1928,6	8836,1	8971,1	9924,8
Odesa	2071,8	2446,8	2535,8	3025,5	3645,5	4181,8	22330,3	26480,1	31365,9
Poltava	1306,6	1492,5	1511,6	1856,5	2065,0	2206,6	9594,1	10938,8	12566,3
Rivne	653,0	701,2	704,2	883,2	1026,7	1206,2	3106,7	3883,7	4308,5
Sumy	964,0	1074,4	1047,6	1211,1	1378,3	1474,0	3756,7	4855,5	5782,9
Ternopil	473,2	530,5	548,1	715,5	843,6	922,4	2311,5	2997,7	3551,9
Kharkiv	2758,5	3200,8	3377,8	3983,4	4686,6	5289,5	20977,9	25528,2	28271,4
Kherson	831,1	880,6	856,2	1010,5	1243,6	1366,1	6034,9	7148,4	8031,3
Khmelnyskiy	758,3	778,6	813,4	1009,1	1197,4	1360,5	4013,5	5251,3	6112,2
Cherkasy	829,1	937,0	1013,5	1307,6	1480,1	1688,9	5547,9	6527,4	7716,1
Chernivtsi	446,0	478,7	515,7	622,3	701,7	844,1	2428,1	3213,9	3383,2
Chernihiv	647,2	718,1	747,2	952,0	1086,5	1218,1	3650,8	4379,8	5062,1
cities									
Kyiv	9218,4	8904,6	9872,4	15436,0	17824,0	20400,8	105551,4	139404,9	156169,8
Sevastopol	411,1	432,9	433,2	553,7	659,6	705,3	2624,5	3488,5	3532,2

DEVELOPMENT OF SMALL BUSINESS

14.12. Share of small enterprises in the total output of products (operations, services) sold, by region

	<i>(percent)</i>								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	8,1	7,1	6,7	6,6	5,3	5,5	18,8	18,1	16,3
Autonomous Republic of Crimea	14,1	14,6	14,8	14,3	13,4	11,9	31,7	29,4	25,4
oblasts									
Vinnitsya	13,0	12,6	12,6	11,4	10,6	10,1	26,5	24,8	25,6
Volyn	5,8	5,0	4,2	6,7	4,1	4,7	15,7	13,4	10,7
Dnipropetrovsk	5,0	4,2	4,6	4,9	3,5	3,2	15,6	15,2	13,2
Donetsk	5,4	4,8	4,4	4,1	2,8	3,3	11,3	10,8	10,0
Zhytomyr	14,5	13,2	10,8	10,8	6,9	12,5	27,5	25,0	28,5
Zakarpattia	22,9	19,8	18,1	14,2	9,2	11,2	25,1	22,7	23,9
Zaporizhzhya	8,1	7,1	7,3	6,7	5,3	5,5	19,4	17,0	15,1
Ivano-Frankivsk	14,8	13,8	13,2	9,3	7,3	9,4	17,4	21,8	21,5
Kyiv	10,2	9,2	8,1	8,0	5,7	6,2	24,7	22,2	19,4
Kirovohrad	14,9	15,6	14,3	13,3	10,8	12,0	39,1	34,8	33,1
Luhansk	7,7	6,2	4,8	4,5	3,9	4,6	19,9	17,1	14,6
Lviv	12,7	10,9	10,0	8,3	7,8	8,4	21,7	21,2	19,2
Mykolayiv	14,3	13,2	10,3	10,5	8,7	7,3	28,2	25,6	25,8
Odesa	10,6	9,7	8,0	7,7	7,3	7,1	32,4	30,0	25,2
Poltava	9,3	8,6	8,3	7,7	5,0	5,7	19,5	16,1	17,3
Rivne	15,6	12,6	11,6	11,0	8,7	8,8	17,5	19,0	18,9
Sumy	11,5	9,9	9,2	11,9	10,7	10,7	26,2	26,6	25,2
Ternopil	15,6	16,1	15,6	16,1	12,8	13,1	27,2	27,0	23,9
Kharkiv	11,4	10,5	9,7	7,2	6,3	6,9	22,3	21,0	19,2
Kherson	13,7	10,9	11,0	10,5	9,8	10,8	40,5	40,2	35,3
Khmelnyskiy	14,1	11,5	11,8	10,8	9,8	8,2	24,8	27,8	25,7
Cherkasy	11,8	11,6	11,9	11,5	10,0	9,2	24,6	23,4	20,2
Chernivtsi	20,2	17,9	17,7	17,3	14,3	13,3	33,2	32,6	28,5
Chernihiv	12,4	12,2	11,4	11,6	11,0	10,5	28,1	27,0	25,8
cities									
Kyiv	6,1	4,9	4,7	5,6	4,8	4,5	16,6	16,6	14,9
Sevastopol	18,2	14,0	13,3	15,1	13,4	12,6	35,9	35,8	29,3

DEVELOPMENT OF SMALL BUSINESS

**14.13. Volume of products (operations, services) sold by small enterprises in 2008,
by type of economic activity and region**

(mln. UAH)

	Total	By type of economic activity							
		agriculture, hunting, forestry	industry	const- ruction	trade; repair of motor vehicles, household appliances and personal demand items	activity of hotels and restau- rants	activity of transport and commu- nications	real estate transactions, renting, engineering and provision of services to businessmen	provision of communal and individual services; cultural and sporting activity
Ukraine	492376,3	10332,3	45016,7	44509,5	299120,4	3245,0	16547,3	52936,6	3675,4
Autonomous Republic of Crimea	12046,0	302,4	867,9	1899,4	6357,2	345,6	831,4	1107,5	117,7
oblasts									
Vinnitsya	7912,4	454,2	1243,4	719,7	4580,6	45,9	193,5	490,8	49,8
Volyn	4874,5	157,8	477,4	318,8	3138,7	55,3	201,5	410,5	17,3
Dnipropetrovsk	45933,4	612,2	4237,9	3819,8	32091,0	140,6	994,5	3264,8	159,2
Donetsk	41298,8	468,4	3902,5	3936,4	27132,4	221,2	1178,2	3159,1	248,7
Zhytomyr	6292,5	248,1	827,1	669,2	3813,5	30,8	208,6	337,3	68,6
Zakarpattia	4548,5	80,2	541,3	479,1	2534,9	84,6	328,5	408,3	33,9
Zaporizhzhya	17686,1	515,8	1801,2	1561,0	11767,1	154,9	517,0	832,3	83,6
Ivano-Frankivsk	5403,9	106,4	684,8	830,0	3073,4	45,6	152,4	344,7	43,3
Kyiv	20921,5	613,3	2667,5	2399,1	12336,8	118,6	659,3	1672,8	119,8
Kirovohrad	6906,4	513,1	644,4	510,7	4680,0	24,9	93,5	340,8	47,8
Luhansk	15523,0	376,8	1551,6	1281,8	10641,1	45,6	320,2	894,7	99,0
Lviv	17250,7	288,0	2129,3	1966,0	10029,8	211,4	746,2	1235,2	154,2
Mykolayiv	9924,8	536,7	862,0	976,3	6259,3	65,6	375,6	607,0	45,8
Odesa	31365,9	556,5	2049,5	3124,8	19426,4	197,1	2028,2	3219,0	201,4
Poltava	12566,3	632,6	1156,4	1224,7	8093,3	59,6	432,6	693,4	49,6
Rivne	4308,5	134,8	561,6	526,3	2587,1	29,6	182,2	246,6	17,6
Sumy	5782,9	394,1	544,7	510,2	3730,5	43,0	102,6	382,5	31,5
Ternopil	3551,9	437,4	631,4	183,7	1801,2	26,3	136,6	243,7	42,0
Kharkiv	28271,4	810,3	3892,6	2488,4	16750,9	131,6	436,9	2787,3	166,8
Kherson	8031,3	411,8	573,2	608,3	5770,7	64,5	186,6	287,3	55,8
Khmelnyskiy	6112,2	512,1	800,2	653,0	3486,5	46,2	198,5	329,9	43,5
Cherkasy	7716,1	602,4	658,2	972,0	4627,5	54,9	253,4	357,6	62,7
Chernivtsi	3383,2	81,8	425,4	325,0	2174,0	36,5	76,8	187,5	26,3
Chernihiv	5062,1	301,2	678,9	405,8	2967,0	47,8	246,0	291,6	45,1
cities									
Kyiv	156169,8	178,5	10243,9	11830,2	87018,2	879,7	5256,2	28618,1	1624,1
Sevastopol	3532,2	5,4	362,4	289,8	2261,3	37,6	210,3	186,3	20,3

DEVELOPMENT OF SMALL BUSINESS

**14.14. Financial outcome from usual activity of small enterprises before taxation,
by type of economic activity***(mln. UAH)*

	Year	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	2007	5699,1	67,2	25561,8	32,8	19862,7
	2008	-37482,2	62,7	32018,9	37,3	69501,1
Agriculture, hunting, forestry	2007	976,2	71,0	1773,3	29,0	797,1
	2008	572,6	68,7	2565,0	31,3	1992,4
Industry	2007	105,8	67,0	2150,9	33,0	2045,1
	2008	-2449,2	61,7	2433,1	38,3	4882,3
Construction	2007	-691,3	67,6	1916,6	32,4	2607,9
	2008	-6805,2	62,6	2389,6	37,4	9194,8
Trade; repair of motor vehicles, household appliances and personal demand items	2007	1404,6	70,5	7269,5	29,5	5864,9
	2008	-12623,9	65,7	8629,6	34,3	21253,5
Activity of hotels and restaurants	2007	-140,7	65,7	145,9	34,3	286,6
	2008	-514,4	62,2	127,7	37,8	642,1
Activity of transport and communications	2007	-138,5	64,9	747,0	35,1	885,5
	2008	-1137,2	60,0	1215,7	40,0	2352,9
Real estate transactions, renting, engineering and provision of services to businessmen	2007	-189,3	62,1	5791,8	37,9	5981,1
	2008	-14591,6	58,4	7432,7	41,6	22024,3
Education	2007	18,9	74,5	49,1	25,5	30,2
	2008	21,3	70,1	56,5	29,9	35,2
Health care and provision of social aid	2007	-63,0	69,5	60,0	30,5	123,0
	2008	-49,0	65,0	90,2	35,0	139,2
Provision of communal and individual services; cultural and sporting activity	2007	-175,6	65,6	245,5	34,4	421,1
	2008	-636,8	60,7	268,1	39,3	904,9

DEVELOPMENT OF SMALL BUSINESS

14.15. Financial outcome from usual activity of small enterprises before taxation in 2008, by region
(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
Ukraine	-37482,2	62,7	32018,9	37,3	69501,1
Autonomous Republic of Crimea	-956,5	64,8	645,1	35,2	1601,6
oblasts					
Vinnytsya	-312,0	64,0	383,6	36,0	695,6
Volyn	-311,2	62,2	188,8	37,8	500,0
Dnipropetrovsk	-5869,0	61,8	2519,6	38,2	8388,6
Donetsk	1052,6	66,2	3092,5	33,8	2039,9
Zhytomyr	-230,3	60,9	217,4	39,1	447,7
Zakarpattya	-248,2	75,2	197,0	24,8	445,2
Zaporizhzhya	-453,2	64,9	777,8	35,1	1231,0
Ivano-Frankivsk	-74,5	73,6	313,9	26,4	388,4
Kyiv	-2468,6	62,9	1187,6	37,1	3656,2
Kirovohrad	-81,8	69,7	286,3	30,3	368,1
Luhansk	-63,0	67,0	524,8	33,0	587,8
Lviv	-694,5	65,2	796,6	34,8	1491,1
Mykolayiv	-188,7	64,1	514,8	35,9	703,5
Odesa	-2499,9	60,8	1148,4	39,2	3648,3
Poltava	-589,9	67,6	507,2	32,4	1097,1
Rivne	-228,3	62,4	236,6	37,6	464,9
Sumy	-249,9	67,5	243,9	32,5	493,8
Ternopil	25,3	67,4	300,8	32,6	275,5
Kharkiv	-500,8	59,6	2093,3	40,4	2594,1
Kherson	-39,5	63,6	374,1	36,4	413,6
Khmelnyskiy	-32,1	64,2	345,5	35,8	377,6
Cherkasy	-249,6	67,1	337,9	32,9	587,5
Chernivtsi	168,0	62,2	454,5	37,8	286,5
Chernihiv	133,1	67,0	542,8	33,0	409,7
cities					
Kyiv	-22372,5	55,5	13628,2	44,5	36000,7
Sevastopol	-147,2	59,9	159,9	40,1	307,1

15. SCIENCE, INNOVATIONS AND INFORMATICS

This section includes indicators that characterize scientific and scientific-technical activity of organizations (enterprises) and innovation activity of Ukraine industrial enterprises.

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 fulfillment 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 fulfillment 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 the new materials, products, processes, devices, services, systems or methods. The operations could also be focused on significant improvement of the objects 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 fulfillment of scientific and scientific-technical operations is the amounts of funds that have been placed on an account of organization (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 amounts of costs of all operations that are performed by scientific organizations on their own during the reference year. These are direct contracts without tax on value added. At the same time, operations which are financed from budget, their volume is defined on the basis of the estimate data, and for the contracted operations – on the basis of act of transfer and acceptance. If the operation is not finished, only that part is taken into account that was performed during the reference year as an interim stage.

Expenditure for fulfillment of scientific and scientific-technical operations are the total amounts of expenditures for scientific and scientific-technical operations to be performed by organizations 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 fulfilling research, experimental and scientific-technical operations. These are researchers, technicians, auxiliary staff and other employees of independent scientific and research, design, drawing and design organizations and also staff of laboratories or detached divisions at educational establishment of higher learning or at enterprises where the main activity is the fulfillment 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 organizations 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 fulfillment of research and developments. They fulfill their technical functions under the guidance of researchers (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 innovations is an enterprise activity connected with the development and implementation of both technologically new products and significantly improved products (product innovations) and processes (process innovations). Since 2007, **innovation means** implementation of any new or significantly improved product (goods, services) or process, new method of marketing or new organizational 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 conception of a business about where it operates and which may be consisting of a business that reports together with its competitors; possibly taking into account geographical aspect or typical series of products. The geographical aspect means the market which 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 the **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 innovation for it.

Technologically new product and significantly improved products (since 2007,

innovation produce) 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 focused on fulfillment 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. Since 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 an enterprise, including: domestic R&D, purchase of R&D, machines, equipment and software, other external knowledge and other expenses.

Invention (useful model) is a result of an intellectual activity of a human being in any area of technology. An object of invention (useful model) could be a product (device, substance, culture of micro-organism, type of cell culture of plant and animal), process (method) and the new usage of the known product or process.

Industrial sample is a result of creative activity of a human being in the area of artistic detailed design. An object of industrial sample could be a form, drawing, painting or their combination that define the appearance of the industrial sample. It is aimed to satisfy the aesthetic and ergonomic needs.

SCIENCE, INNOVATIONS AND INFORMATICS

15.1. R&D personnel

(thsd.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Employees in scientific organizations ¹	494,2	293,1	188,0	181,5	178,0	173,9	173,6	170,6	160,8	155,5	149,7
Staff engaged in R&D	313,1	179,8	120,8	113,3	107,4	104,8	106,6	105,5	100,2	96,8	94,1
of whom with a scientific degree of											
Doctor of Science	3,2	4,1	4,1	4,0	4,0	4,0	4,1	4,2	4,3	4,4	4,5
Candidate of Science (pre-doctoral degree)	29,3	22,9	17,9	17,4	17,2	16,8	17,0	17,0	17,0	17,0	17,1
Staff engaged in R&D holding two or more jobs ²	36,0	41,7	53,9	55,4	57,2	63,4	65,6	68,5	74,9	76,9	75,8
of whom with a scientific degree of											
Doctor of Science	2,9	4,2	5,5	5,1	5,5	6,1	6,4	6,9	7,4	7,5	7,5
Candidate of Science (pre-doctoral degree)	21,1	18,6	23,3	19,4	20,6	22,8	23,7	25,7	29,2	30,1	30,1

¹ Since 2006, the organizations engaged in rendering R&D services do not compile reports² Since 2006, including all scientific and pedagogical employees from institutions of higher education**15.2. R&D work performed by own capacities of organizations (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

SCIENCE, INNOVATIONS AND INFORMATICS

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

(at current prices; mln. UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	652,0	2046,3	2432,5	2611,7	3597,4	4251,7	5160,4	5164,4	6149,2	8024,8
including on account of										
state budget	244,9	614,5	751,6	733,3	1070,7	1449,5	1711,2	2017,4	2815,4	3909,8
own funds	14,6	61,3	210,4	146,7	228,5	275,9	338,5	462,7	521,1	592,5
customers' funds										
domestic	233,4	785,8	789,5	933,6	1321,5	1475,0	1680,1	1563,3	1725,7	2072,2
foreign	101,9	477,1	555,3	683,1	875,1	908,6	1258,0	1000,9	978,7	1254,9
other sources	57,2	107,6	125,7	115,0	101,6	142,7	172,6	120,1	108,3	195,4

15.4. Costs of R&D work performed by own capacities of organizations, by type¹

(at current prices; mln. UAH)

	Total	Including			
		fundamental research	applied research	R&D development	R&D services
1995	596,2	83,5	190,1	302,3	20,3
2000	1636,3	258,9	375,0	854,9	147,5
2001	2010,7	336,5	290,3	1102,5	281,4
2002	2153,7	409,8	319,2	1111,5	313,2
2003	2824,0	473,7	383,7	1544,3	422,3
2004	3538,4	614,0	518,1	1882,7	523,6
2005	4386,3	886,1	655,8	2195,8	648,6
2006	4961,1	1107,9	781,3	2539,4	532,5
2007	5908,4	1462,3	1058,5	2793,5	594,1
2008	7723,2	1895,1	1447,5	3570,8	809,8

¹ Including wages and salaries, material and other current expenditures**15.5. Scientific staff with scientific degrees¹**

(persons)

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2005	2006	2007	2008	1995	2000	2005	2006	2007	2008
Total	9759	10339	12014	12488	12845	13423	57610	58741	68291	71893	74191	77763
of whom with the rank of												
academician	1224	1433	1554	1569	1533	1553	389	427	460	487	495	516
associate member of the Academy of Science	451	519	569	614	618	662	476	532	540	587	582	607
professor	5369	5193	6908	7271	7497	7815	877	894	1035	1086	1119	1171
senior lecturer	1373	1909	1935	2045	2138	2296	24602	22982	27233	28662	29620	30189
senior researcher	2198	2219	2194	2221	2263	2348	8037	6565	6146	6485	6565	6534

¹ In 1995 as of January 1, since 2000 as of October 1

15.6. Scientific staff with scientific degrees, by age¹

(persons)

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2005	2006	2007	2008	1995	2000	2005	2006	2007	2008
Total	9759	10339	12014	12488	12845	13423	57610	58741	68291	71893	74191	77763
By age												
under 30 years old	1	2	—	1	1	—	1104	1815	3908	4454	4565	4891
31–40	270	232	220	237	288	350	11463	9305	12234	13698	15201	17118
41–50	1826	1698	1713	1769	1778	1823	17426	16654	16662	16737	16506	16659
51–55	1461	1658	1689	1739	1777	1843	8003	9365	9103	9359	9551	9681
56–60	2604	1639	2076	2265	2230	2280	12097	7398	8926	9700	9591	9408
61–70	2671	3778	4272	4251	4279	4129	6488	12201	14102	13960	13994	13938
71 and more	926	1332	2044	2226	2492	2998	1029	2003	3356	3985	4783	6068

¹ See the footnote for Table 15.5**15.7. Scientific staff with scientific degrees leaving Ukraine for other countries¹**

(persons)

	Those with scientific degree of													
	Doctor of Science							Candidate of Science (pre-doctoral degree)						
	1995	2000	2004	2005	2006	2007	2008	1995	2000	2004	2005	2006	2007	2008
Total	59	26	13	8	6	4	8	...	125	74	45	37	48	22
of which to														
Israel	10	2	—	—	—	—	1	...	15	3	1	4	—	—
Canada	—	—	—	—	—	—	—	...	12	10	4	—	—	—
Germany	3	6	4	—	2	—	1	...	14	16	13	5	5	3
Russian Federation	20	3	3	3	2	1	1	...	31	18	4	4	9	5
USA	19	9	2	4	—	—	—	...	34	20	7	12	17	6
Other	7	6	4	1	2	3	5	...	19	7	16	12	17	8

¹ See the footnote for Table 15.5

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

	2005		2006		2007		2008	
	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises
Industry	1193	11,9	1118	11,2	1472	14,2	1397	13,0
Mining	29	5,4	26	4,8	33	5,9	36	5,9
mining of fuel and energy minerals	12	4,3	9	3,3	13	4,7	11	4,0
mining operations apart from fuel and energy minerals	17	6,5	17	6,3	20	7,0	25	7,5
Manufacturing	1132	13,3	1058	12,4	1379	15,7	1305	14,3
including production of foodstuffs, beverages and tobacco products	267	9,9	243	9,4	343	13,2	309	12,0
light industry	74	9,9	53	7,3	76	10,5	66	9,7
textile industry, sewing of clothes, fur and fur articles	57	9,3	41	6,9	65	11,0	58	10,5
production of leather, leather articles and other materials	17	13,1	12	8,8	11	8,3	8	6,2
wood working and production of wood products apart from furniture	23	6,2	22	5,6	48	11,3	44	9,5
cellulose and paper industry; printing	40	7,7	42	7,7	69	12,2	63	10,1
production of coke and refined petroleum products	19	38,0	16	33,3	16	33,3	16	34,0
chemical and petrochemical industry	115	19,9	123	20,1	146	21,6	156	20,0
production of chemicals	87	28,3	90	28,9	100	30,4	101	28,8
production of rubber and plastic products	28	10,4	33	11,0	46	13,2	55	12,9
production of other non-metallic mineral products	73	10,1	73	9,7	100	12,2	90	10,3
metallurgy and production of finished metal products	85	13,3	86	12,9	109	15,0	111	14,1
engineering	394	22,0	360	20,2	421	23,3	400	21,2
manufacture of machinery and equipment	173	18,1	157	16,7	189	20,0	174	17,8
manufacture of electrical, electronic and optical equipment	142	26,2	135	24,7	162	27,6	156	25,3
manufacture of transport vehicles and equipment	79	26,7	68	22,7	70	25,0	70	23,8
Production and distribution of electricity, gas and water	32	3,2	34	3,6	60	6,1	56	5,8

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

	2000		2005		2006		2007		2008	
	UAH mln.	percentage of total	UAH mln.	percentage of total	UAH mln.	percentage of total	UAH mln.	percentage of total	UAH mln.	percentage of total
Total	1760,1	100,0	5751,6	100,0	6160,0	100,0	10821,0	100,0	11994,2	100,0
by purpose										
research and development	266,2	15,1	612,3	10,6	992,9	16,2	986,5	9,1	1243,6	10,4
internal R&D operations	×	×	×	×	×	×	793,6	7,3	958,8	8,0
external R&D operations	×	×	×	×	×	×	192,9	1,8	284,8	2,4
purchase of new technologies ¹	72,8	4,1	243,4	4,2	159,5	2,6	328,4	3,0	421,8	3,5
purchase of machines, equipment, devices and other fixed assets and capital expenditure on introduction of innovations ²	1074,5	61,0	3149,6	54,8	3489,2	56,6	7441,2	68,9	7664,8	63,9
marketing and advertising ³	82,1	4,7	376,7	6,5	359,9	5,8	×	×	×	×
other	264,5	15,1	1369,6	23,9	1158,5	18,8	2064,9	19,0	2664,0	22,2

¹ Since 2007, purchasing of other external knowledge² Since 2007, purchasing of machinery, equipment and software³ Since 2007, the indicator is treated as other expenditures**15.10. Financing of innovation activity in industry***(at current prices)*

	2000		2005		2006		2007		2008	
	UAH mln.	percentage of total	UAH mln.	percentage of total	UAH mln.	percentage of total	UAH mln.	percentage of total	UAH mln.	percentage of total
Total	1757,1	100,0	5751,6	100,0	6160,0	100,0	10821,0	100,0	11994,2	100,0
including on account of										
state budget	7,7	0,4	28,1	0,5	114,4	1,9	144,8	1,3	336,9	2,8
local budgets	1,8	0,1	14,9	0,3	14,0	0,2	7,3	0,1	15,8	0,1
own funds	1399,3	79,6	5045,4	87,7	5211,4	84,6	7969,7	73,7	7264,0	60,6
customers' funds										
domestic	49,4	2,8	79,6	1,4	26,3	0,4	26,2	0,2	169,5	1,4
foreign	133,1	7,6	157,9	2,7	176,2	2,9	321,8	3,0	115,4	1,0
other sources	165,8	9,5	425,7	7,4	617,7	10,0	2351,2	21,7	4092,6	34,1

15.11. Industrial enterprises that introduced innovations

	2000		2005		2006		2007		2008	
	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	×	999	×	1186	×	1160	×
installing new technological processes	416	27,9	402	49,6	272	27,2	515	43,4	515	44,4
including low-waste, resource saving, and waste-free	172	11,5	208	25,7	161	16,1	287	24,2	280	24,1
introducing new types of products ¹	1372	92,0	630	77,8	466	46,6	564	47,6	667	57,5
of which new types of equipment	202	13,5	156	19,3	154	15,4	178	15,0	201	17,3
conducting complex mechanization and automation of production process	174	11,7	323	39,9	510 ²	51,1	898 ³	75,7	813	70,1
Sold innovation products ⁴	1352	×	1022	×	918	×	1035	×	993	×

¹ Since 2003, types of innovative products² Since 2006, spent funds for purchasing equipment, installations and other fixed assets³ Since 2007, spent funds for purchasing of machinery, equipment and software⁴ Before 2003, shipped innovation products**15.12. Introduction of advanced technological processes and development of new products in industry**

	1995	2000	2003	2004	2005	2006	2007	2008
New advanced technological processes introduced	2936	1403	1482	1727	1808	1145	1419	1647
including low-waste, resource saving and waste-free	1044	430	606	645	690	424	634	680
Production of new types of goods ¹ , items	11472	15323	7416	3978	3152	2408	2526	2446
of which new equipment	1000	631	710	769	657	786	881	758

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
Total	12148,3	12882,1	18784,0	24995,4	30892,7	40188,0	45830,2
including substantially new products ¹	3813,6	5640,9	9542,3	10755,4	18194,9	22305,8	14688,7
Exports as part of the total shipment	3023,6	4776,2	7984,4	12494,8	12797,0	14666,6	23633,1

¹ Since 2007, products that are new for the market

15.14. Applications for titles of protection presented to the State Department of Intellectual Property and patent offices of other countries, by type of economic activity

	Applications for titles of protection presented to											
	State Department of Intellectual Property						patent offices of other countries					
	inventions		useful models		industrial designs		inventions		useful models		industrial designs	
	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008
Total	2075	1840	6167	6359	322	247	174	103	73	52	98	13
Agriculture, hunting, forestry	8	3	9	1	8	2	—	—	—	—	—	—
Industry	279	229	546	408	174	122	47	31	34	32	90	11
mining	11	19	61	47	—	1	—	1	—	—	—	—
mining of fuel and energy minerals	10	19	55	44	—	1	—	—	—	—	—	—
mining operations apart from fuel and energy minerals	1	—	6	3	—	—	—	1	—	—	—	—
manufacturing	265	208	471	354	174	121	46	30	33	32	90	11
production of foodstuffs, beverages and tobacco products	11	7	28	14	27	46	—	—	1	—	34	—
light industry	—	1	—	—	—	2	—	—	—	—	—	—
cellulose and paper industry; printing	—	—	6	2	1	1	—	—	—	—	—	—
production of coke and refined petroleum products	5	7	7	5	3	—	—	—	—	—	—	—
chemical and petrochemical industry	19	16	33	19	95	23	4	1	4	1	55	5
production of other non-metallic mineral products	—	2	6	5	—	—	—	1	1	4	—	—
metallurgy and production of finished metal products	61	61	121	105	11	5	9	2	—	6	—	—
engineering	169	110	264	200	33	44	33	26	27	21	1	6
other production n.i.e.	—	4	6	4	4	—	—	—	—	—	—	—
production and distribution of electricity, gas and water	3	2	14	7	—	—	1	—	1	—	—	—
Construction	3	—	14	2	1	—	3	—	1	—	—	—
Trade; repair of motor vehicles, household appliances and personal demand items	11	9	51	35	38	29	2	2	—	—	1	—

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Table 15.14 is continued

	Applications for titles of protection presented to											
	State Department of Intellectual Property						patent offices of other countries					
	inventions		useful models		industrial designs		inventions		useful models		industrial designs	
	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008
Activity of hotels and restaurants	—	—	1	—	1	—	—	—	—	—	—	—
Activity of transport and communications	11	26	11	23	6	3	16	—	3	3	—	—
Financial activity	1	2	1	—	—	1	1	—	2	1	—	—
Real estate transactions, renting, engineering and provision of services to businessmen	867	649	1351	1461	51	39	95	61	32	11	7	2
of which												
research and development	851	634	1278	1379	45	36	87	59	29	11	6	2
Public administration	9	3	7	13	—	—	—	—	—	—	—	—
Education	870	900	4070	4295	21	19	10	9	1	5	—	—
Health care and provision of social aid	12	12	76	81	—	—	—	—	—	—	—	—
Provision of communal and individual services; cultural and sporting activity	4	7	30	40	22	32	—	—	—	—	—	—

15.15. Titles of protection received by the State Department of Intellectual Property and patent offices of other countries, by type of economic activity

	Titles of protection (patents) received											
	Ukraine						other countries					
	inventions		useful models		industrial designs		inventions		useful models		industrial designs	
	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008
Total	1993	1832	6165	6136	330	273	130	82	90	54	61	16
Agriculture, hunting, forestry	9	4	10	1	—	2	—	—	—	—	—	—
Industry	275	265	577	503	179	137	50	24	36	22	50	6
mining	7	24	71	60	—	1	1	1	—	—	—	—
mining of fuel and energy minerals	6	24	67	54	—	1	1	1	—	—	—	—
mining operations apart from fuel and energy minerals	1	—	4	6	—	—	—	—	—	—	—	—
manufacturing	266	236	488	439	179	136	49	23	33	22	50	6
production of foodstuffs, beverages and tobacco products	9	11	36	18	26	37	—	—	1	—	32	2
light industry	—	—	—	—	—	1	—	—	—	—	—	—

SCIENCE, INNOVATIONS AND INFORMATICS

Table 15.15 is continued

	Titles of protection (patents) received											
	Ukraine						other countries					
	inventions		useful models		industrial designs		inventions		useful models		industrial designs	
	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008
wood working and production of wood products apart from furniture	1	—	2	—	—	—	—	—	—	—	—	—
cellulose and paper industry; printing	2	—	5	3	1	5	—	—	—	—	—	—
production of coke and refined petroleum products	1	2	12	8	3	—	—	—	—	—	—	—
chemical and petrochemical industry	33	17	27	18	79	28	5	1	4	—	17	3
production of other non-metallic mineral products	—	2	4	8	—	—	—	—	—	—	—	—
metallurgy and production of finished metal manufacture	55	46	123	140	17	21	5	5	5	4	—	—
engineering	165	158	275	241	52	44	38	17	23	18	1	1
other production n.i.e.	—	—	4	3	1	—	1	—	—	—	—	—
production and distribution of electricity, gas and water	2	5	18	4	—	—	—	—	3	—	—	—
Construction	6	2	7	4	—	—	—	—	—	1	—	—
Trade; repair of motor vehicles, household appliances and personal demand items	11	4	63	28	23	40	—	—	—	1	1	4
Activity of transport and communications	14	24	19	12	12	5	4	2	1	3	—	1
Financial activity	3	2	5	—	3	2	6	—	2	—	1	—
Real estate transactions, renting, engineering and provision of services to businessmen	845	730	1385	1321	58	26	56	49	50	20	9	5
of which research and development	824	706	1338	1255	52	20	53	46	47	18	9	5
Public administration	9	2	9	10	—	—	—	—	—	—	—	—
Education	793	784	3968	4136	18	18	14	7	1	7	—	—
Health care and provision of social aid	28	14	102	77	—	—	—	—	—	—	—	—
Provision of communal and individual services; cultural and sporting activity	—	1	20	44	37	43	—	—	—	—	—	—

**15.16. Use of industrial property subjects and innovation proposals,
by type of economic activity**

	Employed proposals							
	inventions		useful models		industrial designs		innovation proposals	
	2007	2008	2007	2008	2007	2008	2007	2008
Total	2803	2598	3033	3471	960	801	25573	22044
Agriculture, hunting, forestry	10	14	9	9	4	10	158	144
Industry	803	754	684	714	833	637	10762	9328
mining	47	52	40	45	6	7	1610	1229
mining of fuel and energy minerals	39	47	37	41	—	1	1142	883
mining operations apart from fuel and energy minerals	8	5	3	4	6	6	468	346
manufacturing	749	697	638	659	827	630	8965	7936
production of foodstuffs, beverages and tobacco products	51	30	68	44	221	216	184	131
light industry	—	—	—	—	1	1	29	42
wood working and production of wood products apart from furniture	1	1	—	—	—	—	71	9
cellulose and paper industry; printing	3	1	11	2	9	10	—	—
production of coke and refined petroleum products	59	45	50	51	81	—	431	539
chemical and petrochemical industry	133	96	44	34	184	97	488	381
production of other non-metallic mineral products	18	12	11	10	5	5	189	145
metallurgy and production of finished metal products	93	78	76	67	123	122	3743	2720
engineering	385	425	370	437	194	168	3822	3966
other production n.i.e.	6	9	8	14	9	11	8	3
production and distribution of electricity, gas and water	7	5	6	10	—	—	187	163
Construction	12	8	7	6	—	—	21	24
Trade; repair of motor vehicles, household appliances and personal demand items	26	24	51	47	7	29	—	52
Activity of hotels and restaurants	—	—	3	3	5	6	—	—
Activity of transport and communications	23	31	13	18	9	1	13315	6933
Financial activity	12	13	4	4	12	15	—	—
Real estate transactions, renting, engineering and provision of services to businessmen	945	834	844	948	80	94	266	4756
of which								
research and development	910	812	826	910	73	78	160	133
Public administration	10	1	8	—	—	—	525	352
Education	876	845	1338	1623	4	1	378	380
Health care and provision of social aid	86	73	71	96	—	—	147	74
Provision of communal and individual services; cultural and sporting activity	—	1	1	3	6	8	1	1

15.17. Availability of computing equipment at organizations (enterprises)*(beginning of year; thsd.)*

	2000	2001 ¹	2002	2003	2004	2005	2006	2007	2008	2009
Ukraine	476,1	691,2	763,3	888,2	1124,6	1420,2	1761,6	2121,2	2522,4	2933,4
Autonomous Republic of Crimea	14,5	24,1	25,4	32,5	42,7	50,4	60,8	73,7	88,7	99,0
oblasts										
Vinnitsya	12,4	18,1	19,0	23,1	28,4	32,8	40,1	47,7	56,9	65,1
Volyn	8,2	11,3	12,3	14,7	18,9	22,7	25,0	29,3	35,8	43,0
Dnipropetrovsk	33,5	47,9	59,5	84,6	105,8	117,2	152,3	178,8	222,6	244,9
Donetsk	50,4	69,1	71,3	83,9	102,3	121,4	154,0	181,9	211,9	240,5
Zhytomyr	8,3	12,3	14,1	17,1	22,0	27,2	32,5	38,9	46,5	53,0
Zakarpattia	8,7	11,4	12,3	14,3	18,8	21,5	26,9	31,0	36,4	42,3
Zaporizhzhya	31,6	42,6	48,1	54,6	65,5	76,5	85,5	127,6	131,4	133,2
Ivano-Frankivsk	8,1	11,3	13,0	16,4	19,0	23,1	30,7	35,7	41,9	46,8
Kyiv	12,6	15,8	19,4	20,7	27,0	32,9	35,0	45,2	57,6	60,4
Kirovohrad	8,4	12,5	13,8	18,6	18,9	22,2	25,5	30,0	35,1	38,4
Luhansk	20,0	26,9	28,4	31,4	36,3	48,7	65,5	73,5	85,9	97,6
Lviv	14,3	31,4	36,0	40,2	48,3	65,0	73,0	89,7	116,2	128,9
Mykolayiv	14,3	18,1	20,1	24,9	30,3	35,3	40,8	45,7	52,3	58,1
Odesa	12,2	21,4	25,4	39,9	50,9	68,6	79,2	99,3	119,0	128,5
Poltava	14,4	22,5	24,5	27,3	33,6	41,4	56,8	66,5	76,3	85,9
Rivne	10,7	13,1	14,5	18,1	22,4	26,0	30,5	35,3	40,4	44,8
Sumy	12,7	18,2	18,8	22,9	28,7	33,4	39,3	45,1	52,3	59,6
Ternopil	8,4	10,9	12,0	13,8	16,7	20,5	21,7	27,0	32,6	36,8
Kharkiv	42,3	60,4	64,4	78,0	94,3	119,2	142,6	171,0	199,0	222,5
Kherson	9,1	9,9	11,3	13,7	19,4	48,0	28,4	34,0	39,4	44,2
Khmelnyskiy	11,4	16,8	18,6	21,1	25,4	30,5	36,0	41,7	49,6	55,3
Cherkasy	12,1	15,0	16,5	19,2	23,2	27,4	52,8	54,4	56,1	57,6
Chernivtsi	6,9	9,9	10,4	12,1	14,5	19,2	21,5	25,2	29,6	33,4
Chernihiv	9,7	14,1	15,5	19,1	23,3	28,2	33,2	38,0	44,2	51,4
cities										
Kyiv	76,8	119,4	132,4	118,9	178,2	249,5	358,1	439,4	547,2	741,1
Sevastopol	4,1	6,8	6,3	7,1	9,8	11,4	13,9	15,6	17,5	21,1

¹ As of October 1

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 at the urban type settlements, the rural population embraces those who reside in rural areas. The 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 in **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 accountable total number of pensioners in Ukraine not depending on the type of the pension.

Data on **births and deaths** are based on statistical calculation of birth and death certificates, which are filled in the civil status registration bodies. According to the normative documents of Ministry of Health of Ukraine up to **the January 1, 2007** were to be 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** 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 of premature birth.

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 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 permanent 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 15–50 and more 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 characterizes the average rate of births in the calendar year for which it is calculated.

Number of illegal births includes the births that are registered and when the origin of a child is stated by parents through the presentation of the joint declaration made by father and mother of a child who are not married or only through 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 is 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 will equal the modern death rate for the population in selected age groups.

Crude marriage and divorce rates are produced as 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.

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

POPULATION

16.1. Total population¹

	1991	1996	2001	2002 ¹	2003	2004	2005	2006	2007	2008	2009
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
urban	35,1	34,8	32,9	32,6	32,3	32,1	32,0	31,9	31,8	31,7	31,6
rural	16,8	16,5	16,0	15,9	15,7	15,5	15,3	15,0	14,8	14,7	14,5
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
rural	32,5	32,2	32,6	32,8	32,7	32,5	32,3	32,1	31,9	31,7	31,5
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
males	23,9	23,6	22,5	22,3	22,1	21,9	21,8	21,6	21,5	21,3	21,2
females	27,7	27,3	26,2	25,9	25,7	25,5	25,3	25,1	25,0	24,9	24,8
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
females	53,7	53,6	53,7	53,7	53,8	53,8	53,8	53,9	53,9	53,9	53,9

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

16.2. Present population since 1913¹

	Total, mln.	Including		Share of the total population, percent	
		urban	rural	urban	Rural
1913	35,2	6,8	28,4	19,3	80,7
1939	40,5	13,6	26,9	33,6	66,4
1959	41,9	19,2	22,7	45,8	54,2
1961	43,1	20,6	22,5	47,8	52,2
1966	45,5	23,3	22,2	51,2	48,8
1970	47,1	25,7	21,4	54,5	45,5
1976	49,2	29,1	20,1	59,2	40,8
1979	49,8	30,5	19,3	61,3	38,7
1981	50,1	31,3	18,8	62,5	37,5
1986	51,0	33,3	17,7	65,3	34,7
1989	51,7	34,6	17,1	66,9	33,1
1991	51,9	35,1	16,8	67,5	32,5
1996	51,3	34,8	16,5	67,8	32,2
2001	48,9	32,9	16,0	67,4	32,6
2002	48,5	32,6	15,9	67,2	32,8
2003	48,0	32,3	15,7	67,3	32,7
2004	47,6	32,1	15,5	67,5	32,5
2005	47,3	32,0	15,3	67,7	32,3
2006	46,9	31,9	15,0	67,9	32,1
2007	46,6	31,8	14,8	68,1	31,9
2008	46,4	31,7	14,7	68,3	31,7
2009	46,1	31,6	14,5	68,5	31,5

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 15 January, for 1979 as of 17 January, for 1989 as of 12 January, for 2002 as of 5 December 2001 and for other years, as of January 1

POPULATION

16.3. Resident population, by sex and region

(persons)

	2002 ¹		2009 ¹		Males per 1000 females	
	males	females	males	females	2002 ¹	2009 ¹
Ukraine	22316317	25924585	21184932	24778427	861	855
Autonomous Republic of Crimea	931439	1092617	895624	1062881	852	843
oblasts						
Vinnitsya	804747	959197	755941	896949	839	843
Volyn	497646	559568	484792	548701	889	884
Dnipropetrovsk	1638504	1922720	1538912	1832007	852	840
Donetsk	2210403	2615160	2036189	2451403	845	831
Zhytomyr	644360	744933	598662	696332	865	860
Zakarpattia	604150	650464	594327	646203	929	920
Zaporizhzhya	884153	1042657	829637	990866	848	837
Ivano-Frankivsk	663275	742854	649232	729104	893	890
Kyiv	841463	979598	793409	928685	859	854
Kirovohrad	516610	609094	466356	554256	848	841
Luhansk	1167914	1372277	1062672	1264525	851	840
Lviv	1234896	1371060	1197351	1337208	901	895
Mykolayiv	586770	676129	551161	643962	868	856
Odesa	1148820	1306846	1114166	1266950	879	879
Poltava	742204	879003	687791	815785	844	843
Rivne	554413	617032	543269	606633	899	896
Sumy	592005	704758	538409	643433	840	837
Ternopil	527953	610547	505941	584140	865	866
Kharkiv	1328884	1566929	1269476	1497310	848	848
Kherson	546638	626051	507836	589932	873	861
Khmelnyskiy	657285	769364	617079	721129	854	856
Cherkasy	635822	762491	591648	708973	834	835
Chernivtsi	430047	488981	421473	479522	879	879
Chernihiv	560445	675620	502603	610184	830	824
cities						
Kyiv	1193356	1373597	1258693	1465531	869	859
Sevastopol ²	172115	205038	172283	205823	839	837

¹ For 2002, data of the Census as of 5 December 2001; for 2009, as of January 1² Including the town of Inherman, Kacha township and village councils that subordinate to city council

POPULATION

16.4. Resident population, by age group

(as of January 1, 2009)

	Total population, persons			Share of total population, percent		
	total	urban	rural	total	urban	rural
Total population	45963359	31331587	14631772	100,0	100,0	100,0
of which by age, years						
under 1	506342	337913	168429	1,1	1,1	1,2
1–4	1766133	1179819	586314	3,8	3,8	4,0
5–9	1925229	1216803	708426	4,2	3,9	4,8
10–14	2278484	1390406	888078	4,9	4,4	6,1
15–19	3028414	2040309	988105	6,6	6,5	6,7
20–24	3801494	2717791	1083703	8,3	8,7	7,4
25–29	3626587	2681364	945223	7,9	8,6	6,5
30–34	3348620	2388514	960106	7,3	7,6	6,6
35–39	3198823	2224994	973829	7,0	7,1	6,6
40–44	3081504	2113242	968262	6,7	6,8	6,6
45–49	3588710	2518425	1070285	7,8	8,0	7,3
50–54	3366046	2391573	974473	7,3	7,6	6,7
55–59	3074616	2207107	867509	6,7	7,0	5,9
60–64	2054981	1440321	614660	4,5	4,6	4,2
65–69	2241587	1436206	805381	4,9	4,6	5,5
70 and older	5075789	3046800	2028989	11,0	9,7	13,9
Of total population						
younger than working age	7005022	4455459	2549563	15,2	14,2	17,4
working age	27846901	19681159	8165742	60,6	62,8	55,8
older than working age	11111436	7194969	3916467	24,2	23,0	26,8

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16.5. Resident population, by main age group and region

(as of January 1, 2009)

	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	45963359	7005022	27846901	11111436	15,2	60,6	24,2
Autonomous Republic of Crimea	1958505	290308	1203095	465102	14,8	61,4	23,8
oblasts							
Vinnitsya	1652890	267665	952934	432291	16,2	57,6	26,2
Volyn	1033493	205444	614379	213670	19,9	59,4	20,7
Dnipropetrovsk	3370919	484654	2052929	833336	14,4	60,9	24,7
Donetsk	4487592	583637	2725839	1178116	13,0	60,7	26,3
Zhytomyr	1294994	220850	752834	321310	17,1	58,1	24,8
Zakarpattia	1240530	249947	760149	230434	20,1	61,3	18,6
Zaporizhzhya	1820503	254877	1108507	457119	14,0	60,9	25,1
Ivano-Frankivsk	1378336	252966	829493	295877	18,4	60,2	21,4
Kyiv	1722094	264897	1036939	420258	15,4	60,2	24,4
Kirovohrad	1020612	156573	594754	269285	15,3	58,3	26,4
Luhansk	2327197	298013	1429086	600098	12,8	61,4	25,8
Lviv	2534559	431827	1542600	560132	17,0	60,9	22,1
Mykolayiv	1195123	185483	728719	280921	15,5	61,0	23,5
Odesa	2381116	375346	1457847	547923	15,8	61,2	23,0
Poltava	1503576	213400	891653	398523	14,2	59,3	26,5
Rivne	1149902	237782	685151	226969	20,7	59,6	19,7
Sumy	1181842	162735	709791	309316	13,8	60,0	26,2
Ternopil	1090081	188048	644594	257439	17,3	59,1	23,6
Kharkiv	2766786	358566	1724263	683957	13,0	62,3	24,7
Kherson	1097768	175958	667526	254284	16,0	60,8	23,2
Khmelnyskiy	1338208	217972	780079	340157	16,3	58,3	25,4
Cherkasy	1300621	191244	758259	351118	14,7	58,3	27,0
Chernivtsi	900995	163070	541951	195974	18,1	60,1	21,8
Chernihiv	1112787	153418	638581	320788	13,8	57,4	28,8
cities							
Kyiv	2724224	369339	1782766	572119	13,6	65,4	21,0
Sevastopol ¹	378106	51003	232183	94920	13,5	61,4	25,1

¹ See the second footnote to Table 16.3

POPULATION

16.6. Cities and towns with over 50 thsd. present population¹*(thsd.)*

	1989	2002	2003	2004	2005	2006	2007	2008	2009
Alchevsk	126	119	118	118	117	117	116	115	115
Antratsyt	72	64	63	62	61	60	59	58	57
Artemivsk (Donetsk oblast)	90	83	82	81	81	80	80	80	79
Berdychiv	92	88	86	85	84	83	82	81	80
Berdiansk	133	122	121	120	119	119	118	118	118
Bila Tserkva	199	200	201	203	205	206	208	208	209
Bilhorod-Dnistrovskiy	56	52	51	51	51	51	50	50	50
Boryspil	52	55	55	55	55	56	56	57	57
Brovary	84	87	87	88	89	90	92	92	94
Vinnitsya	374	357	358	359	360	362	365	367	368
Horlivka	338	292	287	283	279	275	272	269	266
Dmytrov	63	55	54	54	53	52	52	51	51
Dniprodzerzhynsk	282	256	253	251	250	248	247	246	245
Dnipropetrovsk	1189	1079	1069	1061	1054	1047	1039	1030	1018
Donetsk	1113	1016	1009	1004	1000	994	988	981	975
Drohobych	78	79	79	79	79	79	79	79	78
Druzhkivka	73	65	64	63	63	63	62	62	62
Enerhodar	47	56	56	55	55	54	54	54	54
Yevpatoriya	108	106	106	106	106	106	107	107	107
Yenakiyeve	120	104	101	99	97	94	92	91	89
Zhytomyr	292	284	282	280	278	276	274	272	272
Zaporizhzhya	881	815	808	804	799	795	790	785	782
Ivano-Frankivsk	214	218	219	218	219	221	221	223	224
Izmayil	93	85	84	83	81	80	78	77	76
Izium	64	56	56	55	55	54	54	54	53
Illichivsk	55	54	55	56	56	57	57	58	58
Kalush	68	68	68	67	67	67	67	67	67
Kamyanets-Podilskiy	103	100	100	100	99	100	100	100	101
Kerch	174	157	155	154	153	151	150	149	148
Kyiv	2603	2611	2622	2639	2666	2693	2718	2740	2766
Kirovohrad	269	253	251	249	247	245	242	240	237
Kovel	67	66	66	67	67	67	67	67	67
Kolomiya	63	62	62	62	61	61	61	61	61
Komsomolsk	52	52	52	52	52	52	52	52	52
Konotop	96	93	92	91	91	91	90	90	90
Korosten	77	67	67	66	66	66	66	66	66
Kostyantynivka	106	95	93	91	89	87	85	83	81
Kramatorsk	198	181	179	177	175	173	172	170	169
Krasnyi Luch	113	95	93	91	90	88	87	86	86
Krasnoarmiysk (Donetsk oblast)	73	69	68	68	67	67	67	66	66
Kremenchuk	236	234	232	231	231	230	230	229	229
Kryvyi Rig	765	709	704	700	697	692	687	681	676
Lysychansk	127	115	114	113	111	110	109	108	108
Lozova	73	64	63	62	61	61	60	60	60
Luhansk	497	463	459	456	453	450	446	442	438
Lutsk	198	209	206	203	203	205	207	208	209
Lviv	791	733	733	733	734	735	735	735	735

POPULATION

Table 16.6 is continued

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

¹ For 1989, data of the Census as of 12 January; for 2002, data of the Census as of 5 December 2001; for other years, as of January 1. Data are recalculated within administrative and territorial borders as of the beginning of 2009

POPULATION

16.7. Pensioners¹

(as of January 1)

	1991	1996	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total pensioners, thsd.	13084	14487	14447	14423	14376	14348	14065	14050	13937	13819²	13750²
of which											
retired by age	9713	10615	10299	10275	10273	10304	10363	10596	10576	10591	10558
retired due to disability	1313	1814	2015	2033	2029	1977	1791	1605	1597	1571	1537
survivors who lost their benefactor	1209	1195	1150	1127	1091	1077	923	852	840	822	838
entitled to pension for long service	...	429	552	558	575	592	599	627	640	621	627
entitled to welfare pensions	318	434	431	430	408	398	389	370	284	213	189
Proportion of pensioners per 1000 population	253	284	295	299	301	302	299	301	300	299	299

¹ As of January 1, 2009, there were 4377,6 thsd. pensioners who lived in rural areas, which amounted to 32% of those registered at the Pension Fund bodies

² Including judges in resignation which receive the lifelong monetary maintenance

16.8. Pensioners, by region

(as of January 1, 2009)

	Total, persons	Including						Per 1000 population
		old age pensions	disability pensions	survivors' pensions	long service pensions	welfare pensions	the lifelong monetary maintenance	
Ukraine	13749820	10558342	1536838	837613	626867	189157	1003	299
Autonomous Republic of Crimea	554292	412021	72736	30427	31884	7177	47	283
oblasts								
Vinnitsya	528167	406756	63778	27870	22556	7178	29	320
Volyn	288556	207549	44317	20522	12132	4024	12	279
Dnipropetrovsk	1035885	833957	82279	65302	41693	12575	79	307
Donetsk	1441722	1123643	148574	112234	39808	17352	111	321
Zhytomyr	423327	308275	57104	29256	22700	5966	26	327
Zakarpattia	289672	212706	35711	19161	12438	9638	18	234
Zaporizhzhya	555050	443074	52694	28606	23080	7543	53	305
Ivano-Frankivsk	373039	279652	51378	21876	11539	8570	24	271
Kyiv	557774	437439	60951	28671	23489	7202	22	324
Kirovohrad	320607	250517	32160	18816	14116	4975	23	314
Luhansk	758415	595323	66049	65744	23185	8051	63	326
Lviv	709845	531561	98655	42066	27628	9896	39	280
Mykolayiv	346051	263840	33631	23999	20149	4404	28	290
Odesa	655497	480303	85391	39857	40272	9610	64	275
Poltava	480547	375908	49585	25522	24206	5285	41	320
Rivne	310664	235171	40671	18660	10889	5254	19	270
Sumy	374135	296747	34262	20506	17914	4679	27	317
Ternopil	313941	250177	34468	15015	9464	4794	23	288
Kharkiv	808574	627122	87230	41484	42464	10221	53	292
Kherson	310689	243423	30728	18637	13472	4410	19	283
Khmelnyskiy	431495	317404	61522	26081	20697	5759	32	322
Cherkasy	431673	336148	51374	21748	16229	6157	17	332
Chernivtsi	238736	185513	27283	11728	9870	4328	14	265
Chernihiv	389186	292497	52404	22314	17592	4346	33	350
cities								
Kyiv	705898	530884	73008	33457	59633	8836	80	259
Sevastopol	116383	80732	8895	8054	17768	927	7	308

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16.9. 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

16.10. Births, deaths and natural population increase

(thsd.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Births											
total	657,2	492,9	385,1	376,5	390,7	408,6	427,3	426,1	460,4	472,7	510,6
in urban areas	442,8	308,4	238,0	237,3	248,9	266,4	284,4	284,3	306,7	314,1	340,6
in rural areas	214,4	184,5	147,1	139,2	141,8	142,2	142,9	141,8	153,7	158,6	170,0
Deaths											
total	629,6	792,6	758,1	746,0	754,9	765,4	761,3	782,0	758,1	762,9	754,5
in urban areas	357,1	476,4	457,1	450,4	454,4	459,9	460,5	471,6	461,8	466,3	462,9
in rural areas	272,5	316,2	301,0	295,6	300,5	305,5	300,8	310,4	296,3	296,6	291,6
Natural increase in population											
total	27,6	-299,7	-373,0	-369,5	-364,2	-356,8	-334,0	-355,9	-297,7	-290,2	-243,9
in urban areas	85,7	-168,0	-219,1	-213,1	-205,5	-193,5	-176,1	-187,3	-155,1	-152,2	-122,3
in rural areas	-58,1	-131,7	-153,9	-156,4	-158,7	-163,3	-157,9	-168,6	-142,6	-138,0	-121,6

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16.11. 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
Births											
total	12,6	9,6	7,8	7,7	8,1	8,5	9,0	9,0	9,8	10,2	11,0
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
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
Deaths											
total	12,1	15,4	15,4	15,3	15,7	16,0	16,0	16,6	16,2	16,4	16,3
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
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
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
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
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

16.12. 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

16.13. Birth rates, by age group

(per 1000 females of the respective age group)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Females aged 15–49	53,3	38,9	30,6	30,0	31,2	32,7	34,3	34,4	37,5	38,8	42,4
including											
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
20–24	161,7	119,1	94,9	90,7	91,3	92,3	93,4	88,8	92,2	92,2	97,5
25–29	87,7	65,7	57,8	58,7	62,7	67,1	70,6	71,7	79,4	81,3	87,8
30–34	41,6	27,5	26,5	27,6	30,2	33,0	35,4	37,7	42,7	45,4	51,1
35–39	15,1	9,9	8,7	9,0	9,8	10,9	12,2	13,3	15,5	16,8	19,7
40–44	3,4	2,1	1,9	1,9	1,9	2,0	2,2	2,3	2,5	2,9	3,3
45–49	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	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 Average number of births that a woman could have at the existing fertility rate

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16.14. Birth, death and natural population increase rates in 2008, 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	11,0	10,8	11,6	16,3	14,6	19,9	-5,3	-3,8	-8,3
Autonomous Republic of Crimea	11,9	11,0	13,3	15,6	15,5	15,7	-3,7	-4,5	-2,4
oblasts									
Vinnitsya	10,8	11,5	10,0	17,1	12,3	21,7	-6,3	-0,8	-11,7
Volyn	14,8	13,9	15,6	15,0	12,0	18,3	-0,2	1,9	-2,7
Dnipropetrovsk	11,0	11,0	11,3	17,7	16,8	22,1	-6,7	-5,8	-10,8
Donetsk	9,8	9,8	10,0	18,1	17,8	21,3	-8,3	-8,0	-11,3
Zhytomyr	11,3	11,4	11,0	18,3	14,3	23,7	-7,0	-2,9	-12,7
Zakarpattia	14,7	15,0	14,6	13,0	13,1	12,9	1,7	1,9	1,7
Zaporizhzhya	10,3	10,1	11,1	16,5	15,2	20,7	-6,2	-5,1	-9,6
Ivano-Frankivsk	12,3	12,1	12,4	13,3	10,5	15,4	-1,0	1,6	-3,0
Kyiv	11,7	11,9	11,2	17,9	13,6	24,4	-6,2	-1,7	-13,2
Kirovohrad	10,2	10,5	9,7	18,6	16,7	21,7	-8,4	-6,2	-12,0
Luhansk	9,5	9,6	8,8	18,0	17,6	20,9	-8,5	-8,0	-12,1
Lviv	11,3	10,8	12,2	13,7	11,7	16,9	-2,4	-0,9	-4,7
Mykolayiv	11,2	10,4	12,6	16,6	15,3	19,4	-5,4	-4,9	-6,8
Odesa	12,0	11,0	14,0	15,9	14,1	19,3	-3,9	-3,1	-5,3
Poltava	9,7	9,9	9,5	18,4	15,1	23,4	-8,7	-5,2	-13,9
Rivne	14,8	13,1	16,4	14,1	10,7	17,2	0,7	2,4	-0,8
Sumy	9,1	9,5	8,3	18,7	15,2	25,8	-9,6	-5,7	-17,5
Ternopil	11,3	11,8	10,9	14,8	10,5	18,1	-3,5	1,3	-7,2
Kharkiv	9,8	9,7	10,0	16,2	14,9	21,1	-6,4	-5,2	-11,1
Kherson	11,3	11,0	11,8	16,3	15,7	17,3	-5,0	-4,7	-5,5
Khmelnyskiy	11,0	12,0	9,9	17,0	11,4	23,6	-6,0	0,6	-13,7
Cherkasy	9,5	9,9	9,0	17,9	13,9	22,8	-8,4	-4,0	-13,8
Chernivtsi	12,2	11,1	13,1	13,5	11,4	14,9	-1,3	-0,3	-1,8
Chernihiv	8,9	9,6	7,7	21,1	15,2	30,5	-12,2	-5,6	-22,8
cities									
Kyiv	11,6	11,6	×	10,9	10,9	×	0,7	0,7	×
Sevastopol ¹	11,0	10,9	12,9	15,6	15,7	14,8	-4,6	-4,8	-1,9

¹ See the second footnote to Table 16.3

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16.15. Share of children born by females not legally married

(percent of total births)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	11,2	13,2	17,3	18,0	19,0	19,9	20,4	21,4	21,1	21,4	20,9
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
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

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

(persons)

	1990		2007		2008	
	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	472657	100986	510589	106605
of which						
first child birth	343584	41705	267785	59288	281586	59802
second child birth	229561	18012	154739	27583	170273	30272
third child birth	54195	7841	33016	8837	39506	10392
fourth child birth	15170	3085	9260	3044	10441	3507
fifth and subsequent	14550	2787	7745	2160	8654	2529
order unknown	142	75	112	74	129	103
In urban areas						
Total births	442869	46601	314065	65699	340594	69546
of which						
first child birth	249743	29067	189851	41008	199047	41539
second child birth	155129	11535	101603	17922	113775	19707
third child birth	26768	3815	16183	4581	20318	5635
fourth child birth	5890	1183	3690	1308	4300	1589
fifth and subsequent	5218	930	2662	825	3057	998
order unknown	121	71	76	55	97	78
In rural areas						
Total births	214333	26904	158592	35287	169995	37059
of which						
first child birth	93841	12638	77934	18280	82539	18263
second child birth	74432	6477	53136	9661	56498	10565
third child birth	27427	4026	16833	4256	19188	4757
fourth child birth	9280	1902	5570	1736	6141	1918
fifth and subsequent	9332	1857	5083	1335	5597	1531
order unknown	21	4	36	19	32	25

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16.17. Death rates, by age group

(per 1000 resident population of the respective age group)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total deaths	12,2	15,5	15,5	15,4	15,7	16,1	16,1	16,7	16,3	16,5	16,4
of which those aged											
0–4	3,1	3,4	2,9	2,8	2,7	2,7	2,6	2,7	2,7	3,0	2,7
5–9	0,5	0,5	0,4	0,4	0,4	0,4	0,4	0,4	0,3	0,4	0,3
10–14	0,4	0,4	0,4	0,4	0,4	0,3	0,3	0,3	0,3	0,3	0,3
15–19	0,9	1,1	0,9	0,9	0,8	0,8	0,7	0,8	0,8	0,8	0,7
20–24	1,5	1,9	1,8	1,8	1,8	1,6	1,5	1,5	1,4	1,5	1,4
25–29	1,7	2,5	2,4	2,6	2,5	2,6	2,6	2,7	2,6	2,7	2,6
30–34	2,2	3,4	3,4	3,4	3,5	3,6	3,7	4,0	3,9	4,3	4,3
35–39	3,0	4,8	4,6	4,7	4,8	4,9	5,3	5,5	5,1	5,5	5,5
40–44	4,3	7,2	6,6	6,5	6,7	6,7	7,2	7,5	7,0	7,5	7,5
45–49	6,9	10,0	9,4	9,4	9,5	9,5	10,0	10,3	9,5	10,0	9,7
50–54	9,7	14,3	12,8	12,9	13,3	13,5	13,9	14,2	13,1	13,4	1,3
55–59	14,1	18,9	17,8	17,5	17,9	17,6	18,1	18,8	17,8	17,9	17,9
60–64	20,1	26,4	24,8	24,6	25,3	25,4	25,6	26,5	24,8	24,4	23,5
65–69	28,4	36,1	35,3	34,1	34,2	34,3	34,5	35,2	34,1	33,8	32,9
70 and older	86,1	95,3	86,4	83,9	84,5	87,4	85,8	88,3	86,8	84,8	83,1

16.18. Death rates, by major causes of death

	2005	2006	2007	2008
	Thsd.			
Total deaths	782,0	758,1	762,9	754,5
of which due to				
some infectious and parasitic diseases	17,2	16,3	16,8	17,3
tumours	91,8	90,4	90,0	89,0
diseases of blood circulation	488,8	480,8	480,6	480,1
respiratory diseases	28,0	24,7	25,1	23,3
digestive apparatus diseases	31,7	30,2	33,6	35,2
external causes of deaths and diseases	70,0	64,6	66,0	61,4
	Per 100 thsd. present population			
Total deaths	1660,0	1620,3	1640,3	1631,0
of which due to				
some infectious and parasitic diseases	36,6	34,8	36,1	37,3
tumours	195,0	193,1	193,6	192,4
diseases of blood circulation	1037,6	1027,6	1033,4	1037,9
respiratory diseases	59,4	52,9	53,9	50,3
digestive apparatus diseases	67,3	64,6	72,2	76,1
external causes of deaths and diseases	148,5	138,0	141,9	132,7

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16.19. Death rates by major causes of death in 2008, 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	1631,0	37,3	192,4	1037,9	50,3	76,1	132,7
Autonomous Republic of Crimea	1555,7	41,6	180,2	1032,0	39,0	64,7	145,7
oblasts							
Vinnitsya	1710,1	16,3	193,6	1193,7	42,3	59,8	127,9
Volyn	1504,7	32,6	146,3	962,2	91,5	85,9	114,9
Dnipropetrovsk	1765,4	65,2	210,0	1115,3	58,9	111,0	149,7
Donetsk	1813,1	59,4	226,4	1124,7	44,6	102,1	158,7
Zhytomyr	1827,9	22,4	176,6	1255,0	55,5	68,3	148,2
Zakarpattia	1299,7	35,0	143,0	679,7	37,9	84,6	87,3
Zaporizhzhya	1648,9	33,1	235,1	921,7	40,4	56,6	137,2
Ivano-Frankivsk	1330,5	20,2	159,1	831,7	46,2	54,9	85,5
Kyiv	1786,1	33,0	214,4	1226,7	37,3	85,2	142,6
Kirovohrad	1864,9	47,5	220,6	1127,0	58,1	60,0	185,4
Luhansk	1799,9	38,7	196,0	1141,9	74,8	116,0	149,0
Lviv	1374,1	26,0	157,0	888,6	55,2	54,4	93,1
Mykolayiv	1663,3	61,3	203,4	890,5	36,3	85,8	143,7
Odesa	1585,6	71,9	199,0	971,4	39,2	84,9	150,8
Poltava	1842,2	28,5	202,8	1160,0	64,9	65,6	156,7
Rivne	1410,8	23,1	155,2	986,6	30,9	56,7	110,2
Sumy	1873,4	27,0	210,4	1147,0	74,7	65,2	162,0
Ternopil	1478,1	14,1	173,7	1019,7	77,8	50,1	80,4
Kharkiv	1617,3	25,7	174,5	1139,6	30,0	64,2	125,3
Kherson	1632,8	38,3	196,3	948,1	31,1	65,1	160,4
Khmelnyskiy	1704,7	22,7	190,9	974,3	65,8	71,5	120,2
Cherkasy	1785,4	20,5	191,5	1179,5	100,1	82,6	139,1
Chernivtsi	1348,5	20,0	177,8	936,3	40,6	39,0	90,9
Chernihiv	2107,2	31,1	203,1	1488,9	70,1	61,6	182,4
cities							
Kyiv	1092,2	23,9	172,5	677,9	25,4	63,0	75,9
Sevastopol ¹	1564,4	40,6	255,4	892,4	47,1	92,7	136,1

¹ See the second footnote to Table 16.3

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16.20. 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
Total	12,8	14,7	11,9	11,3	10,3	9,6	9,5	10,0	9,8	11,0	10,0
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
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

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

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

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16.22. 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
Ukraine	12,8	14,7	11,9	11,3	10,3	9,6	9,5	10,0	9,8	11,0	10,0
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
oblasts											
Vinnitsya	10,4	12,3	9,9	9,1	9,4	7,0	8,0	9,1	9,3	10,5	9,8
Volyn	11,1	14,3	11,5	9,8	10,8	8,1	7,8	8,3	7,7	7,2	7,3
Dnipropetrovsk	13,0	14,6	12,7	12,5	11,6	10,0	10,4	10,2	10,5	11,1	10,8
Donetsk	12,1	16,2	13,9	13,3	11,8	11,3	11,8	11,5	11,0	13,8	12,2
Zhytomyr	14,5	13,0	10,4	10,1	10,7	9,9	9,3	9,5	11,1	9,6	8,0
Zakarpattia	12,6	12,5	9,4	9,9	8,4	8,1	8,3	11,5	9,6	12,1	11,4
Zaporizhzhya	14,3	15,5	14,8	11,6	12,8	12,7	10,0	11,1	9,8	12,9	9,9
Ivano-Frankivsk	15,9	19,3	13,7	14,2	10,4	10,0	10,3	12,9	10,6	13,5	10,7
Kyiv	13,5	11,4	9,0	11,3	9,9	7,8	8,8	7,5	9,4	8,9	7,3
Kirovohrad	11,2	13,9	11,7	12,6	11,0	10,7	9,7	11,1	13,3	12,3	12,7
Luhansk	14,9	14,3	13,2	11,6	11,3	11,0	10,3	11,7	12,3	14,0	13,9
Lviv	12,8	14,8	12,2	12,3	9,0	8,3	10,0	8,3	7,8	10,5	8,8
Mykolayiv	12,1	13,8	12,3	10,0	7,5	9,1	8,1	8,1	8,5	8,9	8,3
Odesa	13,6	16,5	13,7	12,9	9,7	10,6	10,5	10,7	11,1	11,6	9,9
Poltava	12,7	11,1	7,9	9,7	8,3	8,9	7,5	8,6	7,1	9,0	8,3
Rivne	12,1	17,2	13,7	10,9	11,7	9,4	9,5	10,4	9,5	11,2	9,0
Sumy	13,7	15,2	13,1	11,2	10,0	10,8	8,9	11,4	7,8	9,5	10,0
Ternopil	11,4	13,7	12,3	12,1	10,8	9,1	10,7	8,9	9,4	8,5	9,9
Kharkiv	12,7	16,1	11,3	10,8	8,5	9,7	9,6	10,2	7,7	10,2	9,4
Kherson	14,5	17,4	10,8	10,5	10,7	10,7	9,1	11,3	9,9	10,7	11,4
Khmelnyskiy	12,9	12,5	12,0	9,6	10,2	7,0	9,3	8,8	11,7	10,5	9,2
Cherkasy	10,9	13,4	10,7	10,3	11,3	10,7	8,7	10,2	9,9	10,9	11,3
Chernivtsi	15,3	16,1	10,7	11,0	11,4	8,9	10,6	12,6	13,2	11,6	10,1
Chernihiv	10,1	15,1	13,2	11,4	11,0	10,2	11,2	11,7	8,9	10,3	7,9
cities											
Kyiv	12,7	14,6	10,2	8,2	9,4	9,0	6,6	7,5	8,1	9,7	8,9
Sevastopol ¹	15,6	16,0	10,9	13,4	10,3	7,7	8,6	7,4	6,3	12,8	7,5

¹ See the second footnote to Table 16.3

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16.23. Deaths due to some external causes of deaths

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

16.24. 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

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16.25. Marriages and divorces

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
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
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
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
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

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Males											
Total	482753	431731	274523	309602	317228	370966	278225	332143	354959	416427	321992
of which											
never married before	364619	322143	201178	228612	236351	278710	207068	247888	268947	318234	242285
widowers	14293	10956	7859	8166	7685	8527	7112	7754	7129	7227	6089
divorced	103694	98632	65486	72824	73192	83729	64045	76501	78883	90966	73618
status unknown	147	—	—	—	—	—	—	—	—	—	—
Females											
Total	482753	431731	274523	309602	317228	370966	278225	332143	354959	416427	321992
of which											
never married before	372794	328072	204277	231980	240077	283488	210707	251476	272776	321779	244190
widows	17716	13704	10197	10940	10748	11809	9514	10824	10391	11238	9277
divorced	92037	89955	60049	66682	66403	75669	58004	69843	71792	83410	68525
status unknown	206	—	—	—	—	—	—	—	—	—	—

16.27. Divorces by the number of common children under 18 within a couple in 2008

	Total divorces	Of which by number of common children				
		without common children	with common children			
			one	two	three and more	
					number of divorces	in which number of children
Total	166845	73648	75717	15479	2001	6707
in urban areas	128909	59506	58919	9615	869	2870
in rural areas	37936	14142	16798	5864	1132	3837

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16.28. 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
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

16.29. Basic directions of population migration in 2008

	Persons			Per 100 thsd. present population		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
Total migration	710790	695869	14921	1536,6	1504,3	32,3
within Ukraine	673467	673467	×	1455,9	1455,9	×
within individual regions	407507	407507	×	881,0	881,0	×
interregional migration	265960	265960	×	574,9	574,9	×
international migration	37323	22402	14921	80,7	48,4	32,3
CIS countries	29593	14770	14823	64,0	31,9	32,1
other countries	7730	7632	98	16,7	16,5	0,2

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16.30. Population migration in 2008, by region

	International migration			Interregional migration		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
Persons						
Ukraine	37323	22402	14921	265960	265960	×
Autonomous Republic of Crimea	4239	1704	2535	10472	9537	935
oblasts						
Vinnitsya	1196	552	644	8995	11304	-2309
Volyn	590	541	49	5094	5065	29
Dnipropetrovsk	1789	1313	476	12770	15018	-2248
Donetsk	3962	2976	986	12955	14828	-1873
Zhytomyr	547	429	118	7481	9705	-2224
Zakarpattia	295	652	-357	2519	3542	-1023
Zaporizhzhya	1557	966	591	7644	8605	-961
Ivano-Frankivsk	519	319	200	5267	5606	-339
Kyiv	933	304	629	18452	17726	726
Kirovohrad	356	293	63	5446	9488	-4042
Luhansk	1548	1997	-449	7169	10350	-3181
Lviv	549	582	-33	8452	9150	-698
Mykolayiv	868	425	443	6225	7813	-1588
Odesa	4852	886	3966	11537	8884	2653
Poltava	562	483	79	9085	9432	-347
Rivne	388	654	-266	6079	7685	-1606
Sumy	654	546	108	6143	7571	-1428
Ternopil	331	330	1	4553	6028	-1475
Kharkiv	4018	2285	1733	18490	15818	2672
Kherson	594	586	8	5822	8589	-2767
Khmelnyskiy	636	452	184	8444	9439	-995
Cherkasy	622	369	253	9740	10313	-573
Chernivtsi	548	298	250	3911	3501	410
Chernihiv	498	525	-27	7335	8135	-800
cities						
Kyiv	3618	1563	2055	51330	29985	21345
Sevastopol ¹	1054	372	682	4550	2843	1707

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Table 16.30 is continued

	International migration			Interregional migration		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
Per 100 thsd. present population						
Ukraine	80,7	48,4	32,3	574,9	574,9	×
Autonomous Republic of Crimea	215,2	86,5	128,7	531,8	484,3	47,5
oblasts						
Vinnitsya	71,8	33,1	38,7	539,9	678,5	−138,6
Volyn	56,9	52,2	4,7	491,5	488,7	2,8
Dnipropetrovsk	52,8	38,8	14,0	377,1	443,5	−66,4
Donetsk	87,7	65,9	21,8	286,6	328,1	−41,5
Zhytomyr	42,1	33,0	9,1	575,5	746,6	−171,1
Zakarpattia	23,7	52,4	−28,7	202,7	285,0	−82,3
Zaporizhzhya	85,2	52,9	32,3	418,4	471,0	−52,6
Ivano-Frankivsk	37,6	23,1	14,5	381,2	405,7	−24,5
Kyiv	53,8	17,5	36,3	1065,0	1023,1	41,9
Kirovohrad	34,5	28,4	6,1	527,0	918,1	−391,1
Luhansk	66,0	85,2	−19,2	305,9	441,6	−135,7
Lviv	21,5	22,8	−1,3	330,6	357,9	−27,3
Mykolayiv	72,3	35,4	36,9	518,9	651,2	−132,3
Odesa	202,7	37,0	165,7	482,0	371,2	110,8
Poltava	37,0	31,8	5,2	598,4	621,3	−22,9
Rivne	33,7	56,8	−23,1	527,9	667,4	−139,5
Sumy	54,9	45,9	9,0	516,0	636,0	−120,0
Ternopil	30,2	30,1	0,1	415,4	550,0	−134,6
Kharkiv	144,0	81,9	62,1	662,9	567,1	95,8
Kherson	53,8	53,1	0,7	527,7	778,5	−250,8
Khmelnyskiy	47,3	33,6	13,7	627,4	701,3	−73,9
Cherkasy	47,5	28,2	19,3	743,6	787,3	−43,7
Chernivtsi	60,6	33,0	27,6	432,5	387,2	45,3
Chernihiv	44,1	46,5	−2,4	649,9	720,8	−70,9
cities						
Kyiv	131,4	56,8	74,6	1864,6	1089,2	775,4
Sevastopol ¹	277,5	97,9	179,6	1198,1	748,6	449,5

¹ See the second footnote to Table 16.3

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16.31. Ukrainian population migration to the CIS countries in 2008

	Persons			Per 100 thsd. present population		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
Ukraine	29593	14770	14823	64,0	31,9	32,1
Autonomous Republic of Crimea	3978	1506	2472	202,0	76,5	125,5
oblasts						
Vinnitsya	1128	366	762	67,7	22,0	45,7
Volyn	423	301	122	40,8	29,0	11,8
Dnipropetrovsk	1578	923	655	46,6	27,3	19,3
Donetsk	3509	2560	949	77,6	56,6	21,0
Zhytomyr	495	253	242	38,1	19,5	18,6
Zakarpattia	210	123	87	16,9	9,9	7,0
Zaporizhzhya	1386	720	666	75,9	39,4	36,5
Ivano-Frankivsk	406	127	279	29,4	9,2	20,2
Kyiv	787	199	588	45,4	11,5	33,9
Kirovohrad	318	234	84	30,8	22,7	8,1
Luhansk	1435	1870	-435	61,2	79,8	-18,6
Lviv	413	192	221	16,2	7,5	8,7
Mykolayiv	787	312	475	65,6	26,0	39,6
Odesa	4021	590	3431	168,0	24,7	143,3
Poltava	492	371	121	32,4	24,4	8,0
Rivne	254	245	9	22,1	21,3	0,8
Sumy	601	471	130	50,5	39,6	10,9
Ternopil	211	75	136	19,2	6,8	12,4
Kharkiv	1830	1028	802	65,6	36,9	28,7
Kherson	524	455	69	47,5	41,2	6,3
Khmelnyskiy	592	365	227	44,0	27,1	16,9
Cherkasy	542	241	301	41,4	18,4	23,0
Chernivtsi	411	117	294	45,4	12,9	32,5
Chernihiv	431	423	8	38,2	37,5	0,7
cities						
Kyiv	1857	389	1468	67,4	14,1	53,3
Sevastopol ¹	974	314	660	256,5	82,7	173,8

¹ See the second footnote to Table 16.3

17. EMPLOYMENT

Economically active population, in line with the labour force concept, comprises all population aged 15–70 of either sex 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 gainful employment (employed) and the unemployed. The number of the mentioned categories and their characteristics are calculated on the basis of data from sample surveys of economic activity of households that are implemented into the practices of the state statistics bodies since 1995 basing on ILO recommendations. These sample surveys are conducted in the areas where the population reside and cover 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 enterprise or 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 (business), however they did not work during the reference period for the reasons beyond their control.

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

the distribution of the employed at enterprises, departments and organizations prior to 1990 (inclusive) is made according to *Classification of Branches of the National Economy*, and since 1995 according to *Classification of Types of Economic Activity*. The distribution of the total employed by type of economic activity (Table 17.5) is made through the complex estimate by integration of data from sample surveys of the population, state statistical observations over enterprises, departments, organizations. Administrative information is also incorporated.

The number of employees at enterprises, departments, organizations (Tables 17.7, 17.8) covers all employed who concluded a labour agreement (contracts) civil law contract. This agreement could be either permanent or temporary. This category includes employees of business entities, budget-funded and financial establishments and public organizations, as well as the regular military personnel (excluding compulsory military service), rank and file personnel and commanding officers from 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.

The indicator characterizing the employed in Tables 17.28–17.40 does not include employees of statistically small enterprises and those employed by natural entities-entrepreneurs and through the civil law contracts.

Tables 17.28–17.31 give indicator on the average registered number of regular employees which 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 30 or 31th 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 in the reference period and by dividing the obtained sum by the number of months (i.e. 12).

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

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

Employment rate is a ratio (percent) of the number 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 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 unemployed consists of the following persons: those who will start working during the next two weeks; have found a job or await a reply; undergoing training by Employment Office order.

In Tables 17.17–17.27 information is based on data from the State Employment Service.

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

Registered unemployed, according to

the current legislation are job persons of working age who due to unemployment are not paid or do not receive income stipulated by 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 disables 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 a ratio (percent) of the unemployed registered at the State Employment Service to average annual number of 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, establishments and organizations.

Layoffs due to economic reasons are persons dismissed at the initiative (issued) of administration of enterprises, establishments and organizations because of reorganization, 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; old age pensioners, disablement, privileged pensioners; pensioners, persons who are engaged in household work; persons of working age who are hopeless to find a job; persons who think that there is no proper job and do not know where and how it can be found; others who did not need a job and those whose activity does not apply to the economy (civil duties performance, charity etc.).

Training and upgrading the staff qualification cover the employees from enterprises, departments, organizations (without statistically small enterprises and those employed by entrepreneurs) who were trained directly on production site and at educational establishments of different types according to contracts on account 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 to deepen the previously gained knowledge, abilities and skills 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 were independently trained at educational establishments.

Worked hours are measured in man-hours for employees who actually worked at 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 an out-worker.

Working hours lost are hours available for work but not worked since absence was permitted by administration (also includes absence initiated by administration), idle time, truancies and strikes.

Absence due to good excuse is the employees' absence from work due to the leaves (annual, training, etc.) and other absences stipulated by the current legislation because of temporary disability, temporary transfer for work at the other enterprise, etc.

Information about the number of the collective contracts concluded and registered which is submitted by enterprises, departments and organizations where they are used in their work according to Ukraine's Law on *Collective Contracts and Agreements*.

Employees who are covered by the collective contracts are employees who regularly work at an enterprise regardless of their membership in the trade union. It also includes those who have been absent due to different reasons when the report was compiled.

EMPLOYMENT

17.1. Population, by economic activity*(aged 15–70; thsd.)*

	2000	2002	2003	2004	2005	2006	2007	2008
Economically active population	22830,8	22231,9	22171,3	22202,4	22280,8	22245,4	22322,3	22397,4
of working age	21150,7	20669,5	20618,1	20582,5	20481,7	20545,9	20606,2	20675,7
older than working age	1680,1	1562,4	1553,2	1619,9	1799,1	1699,5	1716,1	1721,7
Employed	20175,0	20091,2	20163,3	20295,7	20680,0	20730,4	20904,7	20972,3
of working age	18520,7	18540,9	18624,1	18694,3	18886,5	19032,2	19189,5	19251,7
older than working age	1654,3	1550,3	1539,2	1601,4	1793,5	1698,2	1715,2	1720,6
Unemployed	2655,8	2140,7	2008,0	1906,7	1600,8	1515,0	1417,6	1425,1
of working age	2630,0	2128,6	1994,0	1888,2	1595,2	1513,7	1416,7	1424,0
older than working age	25,8	12,1	14,0	18,5	5,6	1,3	0,9	1,1
Economically inactive population	13318,4	13667,5	13687,6	13622,9	13559,7	13542,1	13312,0	12971,1
of working age	7562,4	8140,2	8262,8	8365,4	8410,3	8318,0	8144,8	7909,5
older than working age	5756,0	5527,3	5424,8	5257,5	5149,4	5224,1	5167,2	5061,6

17.2. Population in 2008, by economic activity, sex and place of residence*(aged 15–70; thsd.)*

	Total	Of which			
		females	males	urban areas	rural areas
Economically active population	22397,4	10778,8	11618,6	15444,3	6953,1
of working age	20675,7	9556,0	11119,7	14583,9	6091,8
older than working age	1721,7	1222,8	498,9	860,4	861,3
Employed	20972,3	10122,6	10849,7	14416,8	6555,5
of working age	19251,7	8900,7	10351,0	13557,5	5694,2
older than working age	1720,6	1221,9	498,7	859,3	861,3
Unemployed	1425,1	656,2	768,9	1027,5	397,6
of working age	1424,0	655,3	768,7	1026,4	397,6
older than working age	1,1	0,9	0,2	1,1	0,0
Economically inactive population	12971,1	7951,8	5019,3	9323,2	3647,9
of working age	7909,5	4363,0	3546,5	5598,6	2310,9
older than working age	5061,6	3588,8	1472,8	3724,6	1337,0

EMPLOYMENT

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

	2000		2005		2007		2008	
	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	22322,3	62,6	22397,4	63,3
Autonomous Republic of Crimea	989,8	61,2	958,7	62,2	960,4	62,5	964,4	63,2
oblasts								
Vinnitsya	919,1	72,1	775,4	61,8	773,9	62,1	775,3	62,7
Volyn	540,0	72,0	471,8	63,1	472,3	63,3	478,2	64,1
Dnipropetrovsk	1735,8	63,7	1665,7	61,8	1664,9	62,4	1664,1	63,0
Donetsk	2383,5	63,8	2265,1	62,6	2260,7	63,3	2267,3	64,4
Zhytomyr	624,8	61,9	632,5	64,2	623,9	64,0	622,1	64,5
Zakarpattia	569,6	62,9	592,3	64,5	584,6	63,4	590,0	64,0
Zaporizhzhya	924,4	62,7	908,3	62,4	904,7	62,7	904,3	63,3
Ivano-Frankivsk	653,3	64,6	572,8	56,5	582,5	57,4	588,4	58,0
Kyiv	847,2	62,8	846,9	62,8	844,7	63,0	845,3	63,8
Kirovohrad	511,1	61,5	501,5	61,9	503,2	63,2	499,2	63,6
Luhansk	1135,3	57,5	1143,2	60,1	1142,3	61,1	1144,0	62,1
Lviv	1249,5	65,2	1167,0	61,2	1167,7	61,3	1182,2	62,2
Mykolayiv	586,4	61,8	595,0	63,2	597,6	63,7	598,2	64,3
Odesa	1151,3	62,1	1086,4	58,7	1108,2	60,0	1117,8	60,6
Poltava	748,2	62,5	744,5	62,9	744,0	63,4	739,3	63,7
Rivne	491,7	59,2	511,1	61,2	518,5	62,2	524,3	63,0
Sumy	603,5	62,6	591,2	63,0	587,4	63,3	587,4	64,2
Ternopil	475,1	58,1	467,4	57,9	463,3	57,7	466,0	58,2
Kharkiv	1463,5	65,9	1388,8	62,5	1385,7	62,6	1386,5	63,2
Kherson	556,4	62,8	548,9	63,1	551,3	64,0	553,6	64,9
Khmelnyskiy	652,7	63,0	641,9	63,4	641,1	63,7	646,0	64,6
Cherkasy	605,9	59,3	641,6	63,2	638,0	63,5	635,0	63,9
Chernivtsi	354,0	53,6	401,2	60,4	411,2	61,8	415,9	62,4
Chernihiv	586,9	64,8	562,3	64,9	546,2	64,2	542,9	64,8
cities								
Kyiv	1333,3	66,2	1412,6	66,2	1450,3	66,5	1465,7	66,9
Sevastopol	138,5	64,1	186,7	62,7	193,7	64,8	194,0	65,2

EMPLOYMENT

17.4. Employment

	Total employed, thsd.	Employees of enterprises, organizations 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

17.5. Employment, by type of economic activity

(thsd.)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	20175,0	19971,5	20091,2	20163,3	20295,7	20680,0	20730,4	20904,7	20972,3
Agriculture, hunting, forestry	4334,1	4117,4	4107,0	4079,1	3974,6	3986,3	3633,8	3468,1	3300,1
Industry	4598,3	4390,3	4220,4	4123,2	4077,1	4072,4	4036,9	3973,0	3871,4
Construction	903,6	865,4	838,9	833,5	907,5	941,5	987,1	1030,2	1043,4
Trade; repair of motor vehicles, household appliances and personal demand items. Activity of hotels and restaurants	3121,3	3422,2	3657,1	3752,4	3971,2	4175,2	4403,9	4564,4	4744,4
Activity of transport and communications	1355,0	1325,9	1353,5	1361,4	1374,9	1400,5	1428,3	1451,9	1465,8
Financial activity	166,1	171,9	178,0	190,3	216,1	247,9	283,9	344,4	394,9
Real estate transactions, renting, engineering and provision of services to businessmen	815,9	834,3	848,2	914,8	919,9	966,6	1041,9	1134,7	1150,4
Public administration	1198,6	1163,0	1183,4	1170,6	1050,2	1028,9	1033,7	1036,4	1067,5
Education	1609,7	1621,3	1630,3	1637,2	1648,7	1668,2	1690,5	1693,7	1702,4
Health care and provision of social aid	1379,6	1361,8	1359,8	1366,5	1348,9	1356,6	1356,7	1359,0	1369,9
Other types of economic activity	692,8	698,0	714,6	734,3	806,6	835,9	833,7	848,9	862,1

EMPLOYMENT

17.6. Employment, by region*(aged 15–70)*

	2000		2005		2007		2008	
	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	20904,7	58,7	20972,3	59,3
Autonomous Republic of Crimea	909,9	56,2	906,1	58,7	916,5	59,6	918,7	60,2
oblasts								
Vinnitsya	839,4	65,9	723,0	57,6	726,8	58,3	725,6	58,7
Volyn	486,2	64,8	429,9	57,5	433,9	58,2	438,6	58,8
Dnipropetrovsk	1534,3	56,3	1573,8	58,4	1582,4	59,3	1580,0	59,9
Donetsk	2153,2	57,6	2124,9	58,7	2135,0	59,8	2138,8	60,7
Zhytomyr	548,0	54,3	570,6	57,9	570,4	58,5	568,2	58,9
Zakarpattia	503,3	55,6	551,0	60,0	547,6	59,4	552,2	59,9
Zaporizhzhya	807,4	54,8	846,0	58,2	850,4	58,9	850,4	59,5
Ivano-Frankivsk	584,7	57,8	522,5	51,6	535,7	52,8	541,9	53,4
Kyiv	739,0	54,8	791,0	58,6	795,1	59,3	796,1	60,1
Kirovohrad	435,2	52,4	457,5	56,5	462,4	58,1	459,1	58,5
Luhansk	1008,3	51,1	1054,4	55,4	1066,7	57,1	1068,8	58,0
Lviv	1082,7	56,5	1064,6	55,8	1077,3	56,6	1092,5	57,5
Mykolayiv	501,0	52,8	539,8	57,3	547,1	58,4	548,5	58,9
Odesa	1015,0	54,7	1028,1	55,6	1059,7	57,4	1067,2	57,9
Poltava	672,3	56,2	690,3	58,3	695,2	59,2	691,6	59,6
Rivne	431,8	52,0	461,6	55,2	471,8	56,6	478,1	57,4
Sumy	513,8	53,3	546,0	58,1	543,1	58,5	543,7	59,4
Ternopil	409,4	50,1	425,1	52,6	432,5	52,7	424,9	53,1
Kharkiv	1272,4	57,3	1297,2	58,4	1311,5	59,2	1312,9	59,8
Kherson	479,3	54,1	499,9	57,5	505,7	58,7	507,5	59,5
Khmelnyskiy	562,9	54,4	586,0	57,9	589,1	58,5	594,4	59,4
Cherkasy	534,9	52,3	578,7	57,0	585,2	58,2	583,1	58,6
Chernivtsi	293,6	44,5	361,7	54,5	376,0	56,5	381,0	57,2
Chernihiv	520,5	57,5	517,9	59,8	503,9	59,2	501,4	59,8
cities								
Kyiv	1218,3	60,5	1352,0	63,3	1405,3	64,4	1420,2	64,9
Sevastopol	118,2	54,7	180,4	60,6	187,4	62,7	186,9	62,8

EMPLOYMENT

17.7. Number of employees, by type of economic activity

(thsd.)

	2000	2002	2003	2004	2005	2006	2007	2008
Total	16044,0	14793,5	14323,5	14041,2	14005,3	14069,2	14001,9	13938,9
Agriculture, hunting, forestry	2752,8	2101,1	1754,8	1613,8	1418,1	1295,3	1104,2	987,3
Industry	4474,2	4074,9	3939,5	3897,2	3878,0	3808,9	3703,1	3579,6
Construction	781,7	673,2	657,6	676,8	677,6	709,3	741,0	745,6
Trade; repair of motor vehicles, household appliances and personal demand items. Activity of hotels and restaurants	1206,6	1176,3	1167,5	1161,3	1234,2	1347,1	1451,4	1562,8
Activity of transport and communications	1178,5	1105,0	1093,8	1083,0	1090,2	1097,8	1088,3	1078,5
Financial activity	165,2	176,8	188,2	214,0	245,6	279,7	336,7	385,2
Real estate transactions, renting, engineering and provision of services to businessmen	766,3	796,8	855,3	858,8	884,1	934,2	973,1	967,1
Public administration	1198,6	1183,4	1170,6	1050,2	1028,9	1033,7	1036,4	1067,5
Education	1608,5	1627,5	1633,3	1643,7	1662,0	1682,7	1683,6	1691,0
Health care and provision of social aid	1370,5	1345,8	1348,9	1333,2	1338,3	1336,7	1335,9	1330,9
Other types of economic activity	541,1	532,7	514,0	509,2	548,3	543,8	548,2	543,4

17.8. Number of employees, by region

(thsd.)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	16044,3	15279,2	14793,5	14323,5	14041,2	14005,3	14069,2	14001,9	13938,9
Autonomous Republic of Crimea	611,6	600,7	572,8	552,9	572,8	585,3	580,4	571,8	575,8
oblasts									
Vinnitsya	590,6	566,9	545,5	505,7	475,8	502,4	472,6	460,0	450,0
Volyn	320,8	303,6	285,9	275,0	263,8	263,6	272,3	271,3	271,2
Dnipropetrovsk	1342,8	1223,0	1194,8	1172,8	1173,4	1170,8	1181,9	1198,1	1186,5
Donetsk	1703,2	1604,2	1559,8	1515,7	1488,0	1480,6	1481,5	1501,2	1483,4
Zhytomyr	457,9	428,5	412,2	403,5	385,9	367,9	376,2	375,9	366,6
Zakarpattia	305,6	289,8	273,0	259,8	259,5	247,4	248,8	247,3	247,7
Zaporizhzhya	701,2	659,3	633,2	618,1	605,5	633,6	626,3	631,1	622,7
Ivano-Frankivsk	356,8	338,1	315,7	301,4	291,9	291,7	301,5	301,3	301,7
Kyiv	659,7	639,6	627,3	610,9	603,3	647,4	650,8	653,4	652,7
Kirovohrad	356,1	338,8	333,5	304,2	295,4	281,2	287,9	274,2	267,8
Luhansk	781,3	750,0	723,1	722,0	699,6	685,9	683,0	681,9	676,7
Lviv	817,9	782,1	753,8	737,2	724,9	723,1	744,6	735,0	732,1
Mykolayiv	423,5	391,8	380,8	367,7	357,8	348,8	351,2	327,7	321,5
Odesa	789,9	736,4	726,0	693,8	705,2	704,6	697,4	705,4	698,7
Poltava	573,9	550,1	531,2	515,4	494,6	488,0	502,5	486,0	481,3
Rivne	343,5	329,9	314,2	298,7	291,0	284,1	289,8	287,2	286,5
Sumy	456,2	439,8	421,9	398,9	379,7	361,8	364,8	361,0	353,6
Ternopil	330,5	317,0	289,5	260,7	252,0	249,2	256,7	250,0	245,3
Kharkiv	986,0	939,4	917,7	893,8	879,8	869,8	893,8	881,2	868,4
Kherson	372,8	343,2	320,4	295,0	281,0	274,4	267,7	264,6	264,1
Khmelnyskiy	482,6	456,8	431,6	397,5	374,4	356,7	342,3	335,9	329,6
Cherkasy	469,8	450,1	420,3	401,2	382,1	379,1	386,4	381,2	375,4
Chernivtsi	230,3	210,8	198,5	188,3	183,3	179,3	177,5	175,9	176,2
Chernihiv	402,7	386,9	377,5	362,3	354,3	342,9	341,7	336,3	330,4
cities									
Kyiv	1062,8	1089,3	1109,2	1147,8	1128,9	1151,9	1162,8	1178,7	1247,9
Sevastopol	114,0	113,1	124,1	123,2	137,3	133,8	126,8	128,3	125,1

EMPLOYMENT

17.9. ILO unemployment, by region*(aged 15–70)*

	2000		2005		2007		2008	
	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	1417,6	6,4	1425,1	6,4
Autonomous Republic of Crimea	79,9	8,1	52,6	5,5	43,9	4,6	45,7	4,7
oblasts								
Vinnitsya	79,7	8,7	52,4	6,8	47,1	6,1	49,7	6,4
Volyn	53,8	10,0	41,9	8,9	38,4	8,1	39,6	8,3
Dnipropetrovsk	201,5	11,6	91,9	5,5	82,5	5,0	84,1	5,1
Donetsk	230,3	9,7	140,2	6,2	125,7	5,6	128,5	5,7
Zhytomyr	76,8	12,3	61,9	9,8	53,5	8,6	53,9	8,7
Zakarpattia	66,3	11,6	41,3	7,0	37,0	6,3	37,8	6,4
Zaporizhzhya	117,0	12,7	62,3	6,9	54,3	6,0	53,9	6,0
Ivano-Frankivsk	68,6	10,5	50,3	8,8	46,8	8,0	46,5	7,9
Kyiv	108,2	12,8	55,9	6,6	49,6	5,9	49,2	5,8
Kirovohrad	75,9	14,9	44,0	8,8	40,8	8,1	40,1	8,0
Luhansk	127,0	11,2	88,8	7,8	75,6	6,6	75,2	6,6
Lviv	166,8	13,3	102,4	8,8	90,4	7,7	89,7	7,6
Mykolayiv	85,4	14,6	55,2	9,3	50,5	8,5	49,7	8,3
Odesa	136,3	11,8	58,3	5,4	48,5	4,4	50,6	4,5
Poltava	75,9	10,1	54,2	7,3	48,8	6,6	47,7	6,5
Rivne	59,9	12,2	49,5	9,7	46,7	9,0	46,2	8,8
Sumy	89,7	14,9	45,2	7,6	44,3	7,5	43,7	7,4
Ternopil	65,7	13,8	42,3	9,1	39,8	8,6	41,1	8,8
Kharkiv	191,1	13,1	91,6	6,6	74,2	5,4	73,6	5,3
Kherson	77,1	13,9	49,0	8,9	45,6	8,3	46,1	8,3
Khmelnyskiy	89,8	13,8	55,9	8,7	52,0	8,1	51,6	8,0
Cherkasy	71,0	11,7	62,9	9,8	52,8	8,3	51,9	8,2
Chernivtsi	60,4	17,1	39,5	9,8	35,2	8,6	34,9	8,4
Chernihiv	66,4	11,3	44,4	7,9	42,3	7,7	41,5	7,6
cities								
Kyiv	115,0	8,6	60,6	4,3	45,0	3,1	45,5	3,1
Sevastopol	20,3	14,7	6,3	3,4	6,3	3,3	7,1	3,7

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17.10. Economically active population in 2008, 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	22397,4	14,1	12,9	12,4	12,2	25,7	17,7	5,0
females	10778,8	12,5	11,7	12,1	12,3	27,9	17,8	5,7
males	11618,6	15,5	14,0	12,7	12,2	23,7	17,6	4,3
employed	20972,3	13,0	12,8	12,6	12,4	25,8	18,2	5,2
females	10122,6	11,5	11,6	12,2	12,5	27,8	18,3	6,1
males	10849,7	14,4	13,9	12,9	12,2	23,9	18,0	4,7
unemployed	1425,1	29,4	14,3	10,6	9,9	24,5	11,3	0,0
females	656,2	28,0	13,7	10,6	8,8	28,6	10,3	0,0
males	768,9	30,6	14,7	10,6	10,9	21,0	12,2	0,0

17.11. Employment rate in 2008, by sex, place of residence and age group*(percent of the total population in the respective age group)*

	Total aged 15–70	Of which by age groups						
		15–24	25–29	30–34	35–39	40–49	50–59	60–70
Total population	59,3	37,3	76,4	80,3	82,7	79,8	61,0	21,8
females	54,0	32,5	67,5	74,9	79,6	78,7	53,4	19,5
males	65,2	41,8	85,1	85,9	86,0	81,1	70,4	25,3
urban areas	58,2	34,8	77,7	80,9	84,1	80,4	59,2	13,7
rural areas	61,8	43,1	72,7	79,0	79,6	78,6	65,5	37,3

17.12. ILO unemployment rate in 2008, 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	6,4	13,3	7,0	5,4	5,2	6,1	4,0	0,0
females	6,1	13,6	7,1	5,3	4,4	6,2	3,5	0,0
males	6,6	13,1	7,0	5,5	5,9	5,9	4,6	0,0
urban areas	6,7	14,9	7,2	5,4	4,8	6,2	3,9	0,1
rural areas	5,7	10,3	6,6	5,6	6,0	5,7	4,2	—

EMPLOYMENT

17.13. ILO unemployed, by duration of unemployment*(aged 15–70)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total unemployed, thsd.	2655,8	2455,0	2140,7	2008,0	1906,7	1600,8	1515,0	1417,6	1425,1
of which persons who had jobs in the past	2115,7	1974,0	1743,6	1667,0	1439,7	1234,6	1182,1	1089,8	1112,5
of which by period of unemployment, percent									
under 1 month	2,5	2,8	2,4	2,3	5,4	6,4	6,8	7,9	12,7
from 1 to 3 months	8,3	8,8	9,9	10,6	12,1	15,3	17,6	20,5	23,2
from 3 to 6 months	9,0	9,2	9,5	11,3	13,4	17,5	19,7	20,2	18,9
from 6 to 9 months	7,8	8,3	9,0	9,4	10,5	10,0	11,4	10,1	9,5
from 9 to 12 months	9,1	8,3	8,7	8,4	8,9	8,3	6,9	6,4	7,0
12 months and longer	63,3	62,6	60,5	58,0	49,7	42,5	37,6	34,9	28,7
<i>Average period of unemployment, months</i>	<i>23</i>	<i>23</i>	<i>22</i>	<i>22</i>	<i>20</i>	<i>16</i>	<i>14</i>	<i>13</i>	<i>11</i>

17.14. ILO unemployed, by duration of job search*(aged 15–70)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total unemployed, thsd.	2655,8	2455,0	2140,7	2008,0	1906,7	1600,8	1515,0	1417,6	1425,1
of which those who sought a job or tried to establish own business	2176,3	2296,2	2052,9	1915,8	1808,6	1523,5	1443,8	1362,6	1347,9
of which, by duration of job-search, percent									
under 1 month	3,6	3,1	2,7	3,1	8,0	9,7	10,9	11,9	14,6
from 1 to 3 months	11,2	11,1	12,6	13,9	17,8	23,4	25,4	27,2	30,8
from 3 to 6 months	11,7	11,1	11,6	12,9	15,2	20,4	21,7	22,0	19,9
from 6 to 9 months	8,5	9,5	10,1	10,5	10,9	10,7	10,7	10,6	9,0
from 9 to 12 months	9,6	9,8	9,8	9,6	5,6	6,0	5,5	5,3	5,1
12 months and longer	55,4	55,4	53,2	50,0	42,5	29,8	25,8	23,0	20,6
<i>Average duration of job search, months</i>	<i>10</i>	<i>10</i>	<i>10</i>	<i>9</i>	<i>8</i>	<i>7</i>	<i>6</i>	<i>6</i>	<i>6</i>

EMPLOYMENT

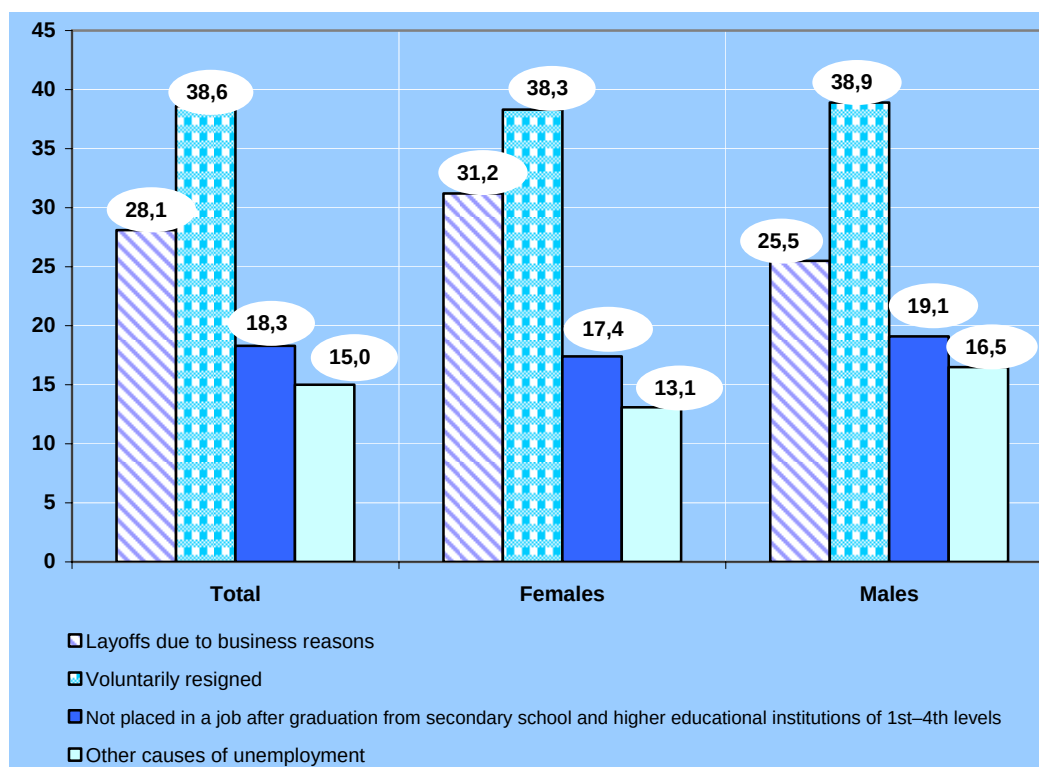
17.15. ILO unemployed, by cause of unemployment

(aged 15–70)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total unemployed, thsd.	2655,8	2455,0	2140,7	2008,0	1906,7	1600,8	1515,0	1417,6	1425,1
By cause of unemployment, percent									
layoffs due to business reasons	40,2	37,1	33,6	33,2	32,9	31,3	30,0	28,9	28,1
voluntarily resigned	29,8	33,8	37,5	38,9	37,8	35,1	37,4	38,2	38,6
demobilised after term military service	2,3	2,3	2,2	1,7	1,7	1,5	1,1	1,2	1,2
not placed in a job after graduation from secondary school and higher educational institutions of 1 st –4 th levels of accreditation	18,3	17,5	16,8	15,6	18,0	16,3	17,0	17,4	18,3
layoffs caused by state of health, old-age pension or disability	1,1	1,2	0,9	1,1	1,3	1,7	1,2	0,8	0,7
layoffs due to the end of contract	5,1	4,8	5,6	5,9	3,6	7,7	10,3	10,3	10,9
other causes of unemployment	3,2	3,3	3,4	3,6	4,7	6,4	3,0	3,2	2,2

17.16. ILO unemployed in 2008, by cause of unemployment and sex

(aged 15–70; percent)



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17.17. Layoffs, by type of economic activity

	2005			2007			2008		
	thsd.	percentage of projections	females, percentage of the total	thsd.	percentage of projections	females, percentage of the total	thsd.	percentage of projections	females, percentage of the total
Total layoffs at enterprises, establishments and organizations	132,5	29,6	58,3	85,0	24,2	56,0	77,4	25,8	54,2
Agriculture, hunting, forestry	20,4	54,7	51,9	7,8	41,6	45,3	4,2	43,3	46,8
Fishing, fishery	0,5	28,3	37,7	0,2	33,6	30,4	0,1	29,1	31,5
Industry	46,2	43,4	60,5	31,1	35,1	56,0	35,7	36,6	53,2
mining	3,1	29,2	56,6	3,2	26,5	50,6	5,4	34,1	42,8
manufacturing	39,0	48,3	61,8	24,9	38,3	57,7	27,7	41,1	55,4
production of electricity, gas and water	4,1	27,0	50,5	3,0	25,9	47,2	2,6	18,3	51,5
Construction	6,5	41,0	47,0	3,2	34,4	47,9	4,7	38,4	39,9
Trade; repair of motor vehicles, household appliances and personal demand items	12,2	53,2	69,8	6,3	42,0	58,2	5,9	43,0	60,1
Activity of hotels and restaurants	1,1	46,3	80,3	0,5	22,8	82,1	0,5	33,4	72,5
Activity of transport and communications	6,7	37,7	46,8	6,6	21,4	51,2	4,4	20,1	51,6
Financial activity	2,2	18,0	58,9	1,7	21,3	65,4	1,9	27,9	60,6
Real estate transactions, renting, engineering and provision of services to businessmen	6,9	30,5	62,1	6,4	19,5	59,4	4,4	23,8	60,3
Public administration	18,8	12,0	51,5	12,2	11,6	53,4	8,9	10,4	49,9
Education	3,5	18,7	72,1	3,0	20,7	70,4	2,4	18,5	70,9
Health care and provision of social aid	4,0	18,3	76,9	3,5	21,9	74,7	2,5	18,6	74,0
Provision of communal and individual services; cultural and sporting activity	3,5	32,3	59,8	2,5	26,8	58,4	1,8	34,8	61,0

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17.18. Layoffs, by region

	2005		2007		2008	
	thsd.	percentage of those to be sacked	thsd.	percentage of those to be sacked	thsd.	percentage of those to be sacked
Ukraine	132,5	29,6	85,0	24,2	77,4	25,8
Autonomous Republic of Crimea	5,4	25,0	2,7	23,1	2,7	22,4
oblasts						
Vinnitsya	5,9	34,3	2,5	22,5	1,8	19,7
Volyn	2,9	27,0	1,4	21,2	1,5	22,4
Dnipropetrovsk	8,2	31,5	6,9	24,8	6,9	36,2
Donetsk	9,7	31,7	7,5	29,8	10,0	30,6
Zhytomyr	3,6	23,7	2,1	19,8	1,8	17,4
Zakarpattya	3,2	40,6	1,3	33,8	1,3	32,7
Zaporizhzhya	5,3	28,8	2,9	22,7	3,6	38,5
Ivano-Frankivsk	3,7	29,6	1,2	16,9	2,1	27,1
Kyiv	3,1	22,6	2,4	21,6	2,0	20,4
Kirovohrad	3,1	30,7	1,8	24,3	1,6	32,6
Luhansk	6,9	39,3	6,1	31,6	6,1	29,5
Lviv	8,5	31,1	4,4	20,2	4,5	24,8
Mykolayiv	3,7	32,3	1,9	26,1	1,8	33,7
Odesa	5,9	26,0	3,9	18,4	3,3	22,1
Poltava	5,0	34,0	3,3	23,1	2,7	23,4
Rivne	4,4	36,7	1,7	23,8	1,3	26,8
Sumy	5,2	32,4	2,3	26,2	1,5	15,5
Ternopil	3,5	29,5	1,9	27,7	1,0	23,1
Kharkiv	8,5	25,5	6,8	27,0	4,5	19,4
Kherson	3,0	29,7	1,8	26,0	1,2	22,3
Khmelnyskiy	4,6	28,2	2,0	19,2	1,8	24,4
Cherkasy	4,0	34,8	2,5	27,7	2,5	31,9
Chernivtsi	1,5	35,3	0,7	20,5	0,7	23,3
Chernihiv	4,1	29,3	2,9	29,4	2,2	29,5
cities						
Kyiv	8,0	23,5	8,9	22,7	6,1	23,2
Sevastopol	1,6	27,5	1,2	24,5	0,9	23,3

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17.19. Labour demand, by type of economic activity*(end of year)*

	2005		2007		2008	
	thsd.	percentage of the total	thsd.	percentage of the total	thsd.	percentage of the total
Total	186,6	100,0	169,7	100,0	91,1	100,0
Agriculture, hunting, forestry	10,4	5,6	7,3	4,3	4,0	4,4
Fishing, fishery	0,2	0,1	0,1	0,1	0,1	0,1
Industry	65,8	35,2	57,4	33,8	23,5	25,8
mining	13,5	7,2	8,1	4,7	2,5	2,7
manufacturing	47,0	25,2	42,8	25,2	16,5	18,1
production of electricity, gas and water	5,3	2,8	6,5	3,9	4,5	5,0
Construction	17,4	9,4	16,7	9,9	6,0	6,6
Trade; repair of motor vehicles, household appliances and personal demand items	19,8	10,6	21,6	12,7	8,9	9,8
Activity of hotels and restaurants	1,9	1,0	2,6	1,5	1,2	1,3
Activity of transport and communications	12,3	6,6	13,1	7,7	7,9	8,6
Financial activity	4,7	2,5	3,6	2,1	3,4	3,7
Real estate transactions, renting, engineering and provision of services to businessmen	15,5	8,3	13,1	7,8	8,5	9,3
Public administration	19,2	10,3	16,8	9,9	13,3	14,7
Education	3,9	2,1	4,1	2,4	3,2	3,5
Health care and provision of social aid	9,8	5,3	9,0	5,3	8,4	9,2
Provision of communal and individual services; cultural and sporting activity	5,7	3,0	4,3	2,5	2,7	3,0

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17.20. Demand and supply of labour force on labour market, by region*(end of year)*

	Registered persons not involved in economic activities, thsd.			Demand on labour force to fill vacant work places, thsd.			Supply per 1 vacancy, persons		
	2005	2007	2008	2005	2007	2008	2005	2007	2008
Ukraine	903,5	660,3	876,2	186,6	169,7	91,1	5	4	10
Autonomous Republic of Crimea	36,1	21,5	26,9	5,3	6,4	3,4	7	3	8
oblasts									
Vinnitsya	42,2	32,5	43,2	3,0	2,2	1,1	14	15	39
Volyn	24,8	16,5	25,7	2,2	3,6	2,0	11	5	13
Dnipropetrovsk	51,1	35,3	54,4	18,2	18,9	10,0	3	2	5
Donetsk	54,4	38,6	57,9	34,8	25,0	10,1	2	2	6
Zhytomyr	33,7	25,7	33,9	3,3	3,9	2,4	10	7	14
Zakarpattia	26,1	18,0	23,4	3,4	2,1	1,1	8	9	21
Zaporizhzhya	34,6	26,6	37,5	6,7	6,8	1,9	5	4	20
Ivano-Frankivsk	33,8	25,6	31,6	2,0	1,3	0,6	17	20	48
Kyiv	27,0	20,9	28,6	7,0	7,4	3,7	4	3	8
Kirovohrad	29,2	20,9	26,2	3,8	3,5	1,1	8	6	25
Luhansk	35,1	27,2	35,9	9,3	1,8	2,2	4	15	16
Lviv	52,2	33,3	43,4	4,9	4,0	2,1	11	8	20
Mykolayiv	31,7	22,0	26,5	4,0	2,7	1,7	8	8	16
Odesa	31,6	27,1	30,6	5,7	5,8	3,0	6	5	10
Poltava	41,3	33,8	44,2	5,3	6,2	2,8	8	5	16
Rivne	36,1	27,2	33,0	1,8	3,6	2,1	20	8	16
Sumy	30,5	22,6	30,9	2,6	2,0	1,3	12	11	25
Ternopil	43,8	30,0	34,6	1,8	1,8	1,3	24	17	27
Kharkiv	47,5	36,8	48,2	12,5	10,7	4,4	4	3	11
Kherson	27,5	18,9	21,5	2,2	2,9	3,0	12	7	7
Khmelnyskiy	30,2	24,1	35,0	3,5	1,1	0,7	9	23	48
Cherkasy	41,1	30,8	39,7	1,5	1,3	0,5	27	24	77
Chernivtsi	26,7	16,1	18,6	1,8	1,5	0,8	15	11	25
Chernihiv	25,9	21,2	31,9	3,9	4,5	2,2	7	5	15
cities									
Kyiv	7,4	5,7	10,8	33,9	36,2	24,1	0,2	0,2	0,4
Sevastopol	1,9	1,4	2,1	2,2	2,5	1,5	1	1	1

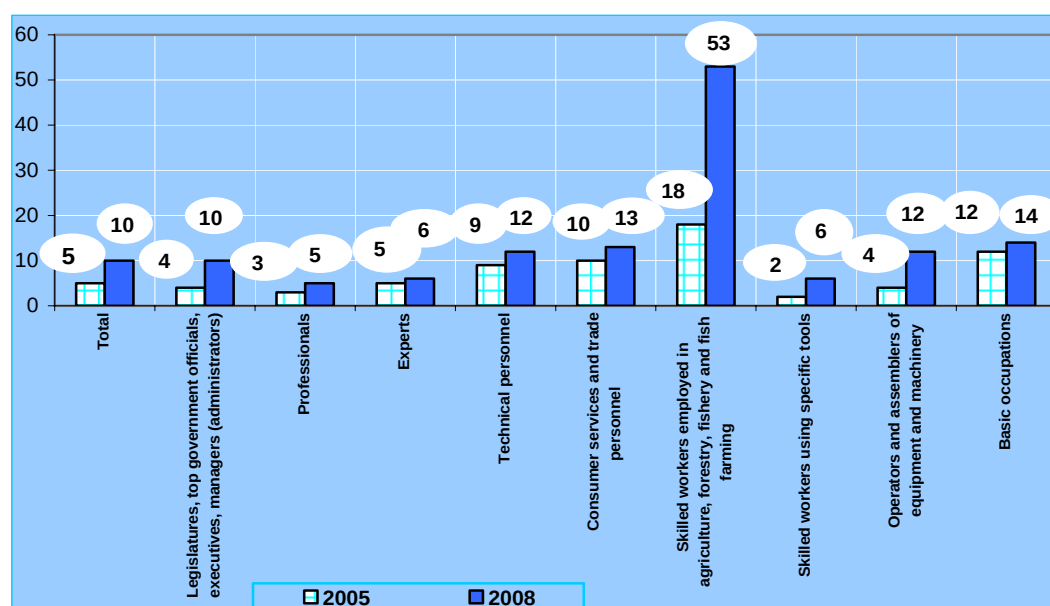
EMPLOYMENT

17.21. Demand and supply of labour force on registered labour market, by occupational group (end of year; thsd.)

	Registered persons not involved in economic activities			Demand on labour force to fill vacant work place		
	2005	2007	2008	2005	2007	2008
Total	903,5	660,3	876,2	186,6	169,7	91,1
Legislatures, top government officials, executives, managers (administrators)	56,0	47,5	66,9	12,7	11,1	7,0
Professionals	48,1	38,1	54,6	18,6	16,5	10,9
Experts	78,4	55,3	72,0	17,4	15,6	12,1
Technical personnel	46,7	36,3	46,2	5,1	6,4	3,8
Consumer services and trade personnel	120,6	86,7	106,6	12,4	15,1	8,4
Skilled workers employed in agriculture, forestry, fishery and fish farming	41,5	35,9	42,0	2,3	1,4	0,8
Skilled workers using specific tools	95,4	68,8	116,3	56,0	48,8	20,1
Operators and assemblers of equipment and machinery	153,5	120,4	176,8	39,6	31,7	14,4
Basic occupations ¹	263,3	171,3	194,8	22,5	23,1	13,6

¹ Including persons without occupations

17.22. Number of the unemployed per a vacant job, 2005 and 2008 (end of year; persons)



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**17.23. Placement of individuals not engaged in economic activity,
by type of economic activity**

	2005		2007		2008	
	thsd.	females, percentage of the total	thsd.	females, percentage of the total	thsd.	females, percentage of the total
Total placement	1049,8	50,6	1098,6	48,9	1084,0	48,6
Agriculture, hunting, forestry	181,9	46,4	200,0	40,9	203,7	40,4
Fishing, fishery	2,3	22,6	1,8	22,7	1,9	21,2
Industry	312,2	39,6	322,8	39,4	298,8	38,9
mining	35,6	20,3	33,2	19,5	33,4	19,1
manufacturing	244,9	42,1	255,4	41,5	232,2	41,2
production of electricity, gas and water	31,7	42,2	34,2	43,0	33,2	42,6
Construction	48,8	25,0	54,6	23,1	50,9	23,1
Trade; repair of motor vehicles, household appliances and personal demand items	219,5	64,7	223,2	64,1	238,3	63,0
Activity of hotels and restaurants	17,4	79,3	23,3	79,0	23,6	79,1
Activity of transport and communications	55,5	39,4	59,8	37,1	60,9	35,4
Financial activity	8,9	77,5	9,3	75,4	9,5	73,5
Real estate transactions, lease and services to legal persons	34,9	51,1	45,1	49,0	43,0	48,0
Public administration	44,1	60,7	46,4	61,5	42,3	61,6
Education	38,2	59,5	35,1	56,0	34,3	55,4
Health care and provision of social aid	47,6	75,8	46,3	76,2	46,5	75,5
Provision of communal and individual services; cultural and sporting activity	38,5	57,2	30,9	60,0	30,3	59,2

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17.24. Placement of individuals not engaged in economic activity, by region*(thsd.)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	229,7	597,0	772,7	831,8	877,3	984,2	1049,8	1070,8	1098,6	1084,0
Autonomous Republic of Crimea	13,8	25,5	31,4	32,9	34,9	37,3	39,1	39,1	39,3	39,4
oblasts										
Vinnitsya	9,3	22,6	33,4	37,7	39,5	41,5	44,1	46,3	46,7	46,5
Volyn	4,2	12,9	19,2	26,8	29,2	31,8	34,0	34,7	35,3	35,2
Dnipropetrovsk	21,3	49,6	57,9	61,9	63,2	69,9	73,5	73,9	74,7	73,7
Donetsk	20,8	46,2	66,7	66,4	68,7	72,6	78,0	72,3	80,1	74,3
Zhytomyr	6,7	24,1	30,5	30,2	32,6	37,2	39,8	40,2	39,9	38,5
Zakarpattia	6,4	16,9	22,4	24,1	25,8	28,5	30,5	29,9	30,2	30,3
Zaporizhzhya	10,2	26,5	36,4	38,1	39,4	41,0	44,3	44,8	44,9	43,1
Ivano-Frankivsk	3,7	20,5	32,4	37,3	38,0	43,7	46,4	46,5	47,9	47,9
Kyiv	5,9	22,0	25,2	27,1	27,7	29,9	31,6	31,5	32,8	32,1
Kirovohrad	7,8	18,9	21,7	23,8	25,9	29,6	31,6	32,4	33,3	32,8
Luhansk	7,6	28,4	39,1	41,0	41,7	43,1	43,9	44,2	45,7	45,8
Lviv	6,6	24,5	31,3	34,4	35,9	40,6	43,7	48,5	51,4	51,7
Mykolayiv	6,4	21,4	24,4	24,0	24,2	26,8	28,7	30,8	31,5	31,6
Odesa	10,0	16,8	21,7	23,6	27,6	33,3	36,0	37,2	38,8	38,7
Poltava	12,8	28,7	33,6	35,4	37,1	41,0	43,2	44,9	45,6	45,2
Rivne	4,5	16,7	22,0	25,8	27,4	31,0	33,0	34,1	35,0	35,6
Sumy	6,3	19,5	30,5	30,7	31,0	40,9	39,2	37,5	37,1	37,1
Ternopil	7,1	16,3	21,6	23,7	28,6	30,4	34,9	36,7	37,4	37,5
Kharkiv	7,1	32,7	39,7	43,1	47,1	55,6	59,5	59,7	60,9	59,5
Kherson	5,9	13,6	15,7	18,0	20,9	22,9	26,2	32,2	34,0	33,2
Khmelnyskiy	12,7	20,4	24,4	26,3	28,4	33,1	36,2	37,5	38,3	38,5
Cherkasy	14,5	24,3	32,0	34,4	36,1	39,5	43,7	46,0	46,9	45,7
Chernivtsi	1,3	8,0	12,1	15,4	15,7	18,1	19,6	20,1	20,1	19,3
Chernihiv	7,5	22,2	26,8	27,1	27,5	30,1	31,6	31,7	32,0	32,0
cities										
Kyiv	6,9	14,6	17,3	19,2	19,8	31,3	34,0	34,6	35,3	35,4
Sevastopol	2,4	3,2	3,3	3,4	3,4	3,5	3,5	3,5	3,5	3,4

EMPLOYMENT

17.25. Registered unemployment rate, by region*(end of year; percent)*

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

EMPLOYMENT

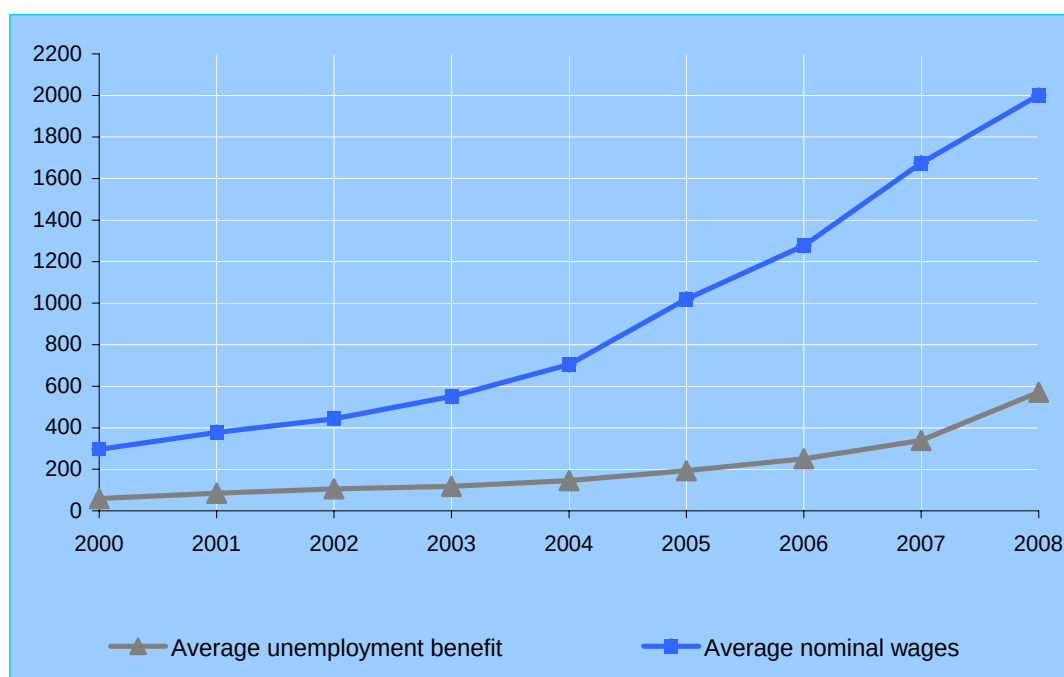
17.26. Duration of registered unemployment

(end of year)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Persons with official unemployment status, thsd.	1155,2	1008,1	1034,2	988,9	981,8	881,5	759,5	642,3	844,9
of which by period of unemployment, percent									
under 1 month	8,1	10,9	11,5	12,9	15,0	17,4	18,5	18,3	30,8
from 1 to 3 months	15,8	18,8	19,3	18,9	20,2	24,6	25,9	25,4	28,9
from 3 to 6 months	17,2	18,9	19,8	19,9	19,1	19,0	18,5	18,5	14,8
from 6 to 9 months	13,5	13,4	15,2	15,0	14,0	13,0	12,9	12,5	9,0
from 9 to 12 months	12,2	12,2	15,8	15,9	15,7	13,5	13,0	13,7	9,1
12 months and longer	33,2	25,8	18,4	17,4	16,0	12,5	11,2	11,6	7,4
<i>Average period of unemployment, months</i>	<i>11</i>	<i>9</i>	<i>8</i>	<i>7</i>	<i>7</i>	<i>6</i>	<i>6</i>	<i>6</i>	<i>4</i>

17.27. Unemployment benefit and wages in December of 2000–2008

(UAH)



EMPLOYMENT

17.28. Average annual number of employees, by type of economic activity¹

(thsd.)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	18252	13678	12931	12235	11711	11316²	11388	11433	11413	11390
Agriculture, hunting, forestry	3888	2551	2206	1877	1537	1274	1137	1005	868	783
Fishing, fishery	28	31	28	26	23	19	16	15	12	11
Industry	5485	4061	3811	3578	3416	3408	3416	3362	3287	3188
Construction	1037	590	526	453	431	441	461	477	500	498
Trade; repair of motor vehicles, household appliances and personal demand items	988	630	600	571	563	590	676	780	874	947
Activity of hotels and restaurants	222	100	91	87	81	78	82	86	88	94
Activity of transport and communications	1400	1110	1048	1014	994	981	992	991	977	974
activity of surface transport	703	518	470	415	395	374	368	349	338	312
activity of water transport	49	36	33	31	27	17	17	16	15	14
activity of air transport	16	14	14	12	12	12	12	14	14	12
additional transport services and auxiliary operations	367	285	274	301	308	325	336	351	358	392
activity of mail and communications	266	257	256	255	252	253	259	261	252	244
Financial activity	169	146	151	156	169	189	216	246	298	339
Real estate transactions, renting, engineering and provision of services to businessmen	859	596	594	569	560	545	564	599	615	631
of which research and development	272	185	181	172	166	164	163	158	152	150
Public administration	549	610	631	667	702	551 ²	570	590	599	627
Education	1759	1551	1565	1576	1584	1598	1610	1632	1641	1642
Health care and provision of social aid	1396	1304	1291	1283	1281	1273	1271	1269	1271	1267
Provision of communal and individual services; cultural and sporting activity	472	398	390	379	370	371	377	381	383	389
of which cultural, sporting, recreational and entertainment activities	332	269	267	267	267	268	278	285	286	291

¹ Excluding employees of statistically small enterprises and natural persons-entrepreneurs

² Prior to 2004, data on staff on the payroll included categorie comprising military personnel who received cash security, persons from private corps and key personell. Comparisons with the previous years are not correct

EMPLOYMENT

17.29. Average annual number of employees, by region¹*(thsd.)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	18252	13678	12931	12235	11711	11316	11388	11433	11413	11390
Autonomous Republic of Crimea	683	509	481	459	436	414	408	403	405	407
oblasts										
Vinnitsya	697	531	500	462	416	383	377	370	360	353
Volyn	372	284	266	246	231	220	222	223	222	221
Dnipropetrovsk	1449	1111	1071	1034	1005	990	1017	1037	1025	1011
Donetsk	1954	1477	1410	1350	1312	1287	1290	1292	1287	1279
Zhytomyr	536	400	372	345	328	311	303	293	284	277
Zakarpattia	343	257	239	220	208	203	205	207	214	211
Zaporizhzhya	779	595	566	537	516	502	499	505	510	505
Ivano-Frankivsk	433	318	288	262	243	237	241	244	244	247
Kyiv	643	469	444	422	398	389	391	393	396	391
Kirovohrad	451	317	292	275	255	241	237	235	229	223
Luhansk	1008	712	669	637	631	608	604	597	586	584
Lviv	923	691	644	608	587	573	581	580	586	589
Mykolayiv	500	359	330	315	301	290	288	279	271	268
Odesa	836	631	596	577	556	538	536	540	544	545
Poltava	673	513	483	459	438	419	417	414	409	406
Rivne	412	308	289	269	254	243	242	238	234	233
Sumy	549	401	381	356	336	319	308	301	294	289
Ternopil	421	306	273	238	222	210	206	203	198	197
Kharkiv	1101	825	789	753	731	698	709	723	714	705
Kherson	473	329	296	267	247	232	231	227	225	222
Khmelnyskiy	566	427	398	365	332	309	298	284	272	268
Cherkasy	566	424	399	363	330	311	308	310	304	301
Chernivtsi	280	198	180	166	157	152	150	150	149	150
Chernihiv	500	358	338	318	298	281	278	272	263	256
cities										
Kyiv	991	846	856	856	866	884	965	1036	1111	1174
Sevastopol	113	84	81	78	77	76	77	77	77	78

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.30. Average annual number of employees, by industrial activity¹*(thsd.)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Industry	4061	3811	3578	3416	3408	3416	3362	3287	3188
Mining	615	581	550	531	529	518	513	501	480
Manufacturing	2917	2704	2500	2356	2351	2370	2329	2268	2192
production of foodstuffs, beverages and tobacco products	518	485	464	445	452	465	465	454	436
light industry	262	230	186	156	150	147	133	120	108
textile industry, sewing of clothes, fur and fur articles	221	197	161	135	129	126	112	100	89
production of leather, leather articles and other materials	41	33	25	22	22	21	21	20	19
wood working and production of wood products apart from furniture	41	36	34	33	34	37	38	40	40
cellulose and paper industry; printing	60	61	58	57	61	66	68	71	72
production of coke and refined petroleum products	54	55	57	58	59	59	54	53	50
chemical and petrochemical industry	201	193	191	179	178	182	184	181	174
production of chemicals	159	153	152	140	135	134	130	124	119
production of rubber and plastic products	42	40	39	39	43	48	54	57	55
production of other non-metallic mineral products	203	184	161	150	150	154	151	152	149
metallurgy and production of finished metal works	434	428	418	409	415	425	430	420	407
engineering	1061	958	867	810	793	773	740	710	687
manufacture of machinery and equipment	497	462	415	378	361	352	334	310	293
manufacture of electrical, electronic and optical equipment	281	239	205	184	180	174	172	168	165
manufacture of transport vehicles and equipment	283	257	247	247	252	247	234	232	229
other manufacture n.i.e.	83	74	64	59	60	63	65	67	69
Production and distribution of electricity, gas and water	529	526	528	529	528	527	520	518	516

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.31. Government employees, by type of activity

	2005		2006		2007		2008	
	thsd.	percent	thsd.	percent	thsd.	percent	thsd.	percent
Total employees	569,6	100,0	589,8	100,0	599,2	100,0	626,9	100,0
General government; social and economic administration	399,1	70,1	422,6	71,7	420,8	70,2	433,4	69,1
of which administration								
at general government level	19,7	3,5	20,9	3,5	21,9	3,7	24,0	3,8
at the state autonomy level	2,1	0,4	2,1	0,4	2,0	0,3	2,0	0,3
at the level of oblasts, Kyiv and Sevastopol cities	23,0	4,0	27,8	4,7	25,1	4,2	24,4	3,9
the level of rayons and cities (including city districts)	119,5	21,0	125,6	21,3	124,1	20,7	126,3	20,1
at the level of townships and villages	73,3	12,9	74,2	12,6	74,2	12,4	79,5	12,7
in the sphere of financial and tax activity	89,7	15,7	90,8	15,4	91,0	15,2	90,8	14,5
regulation and promotion of effective economic activity	49,8	8,7	53,7	9,1	54,4	9,1	57,5	9,2
Provision of the state services to society	126,9	22,3	122,9	20,8	133,3	22,3	148,5	23,7
of which								
justice	68,3	12,0	60,3	10,2	67,4	11,2	71,8	11,5
safety	24,4	4,3	23,7	4,0	26,1	4,4	29,1	4,6
fire protection	20,3	3,6	22,3	3,8	21,4	3,6	20,1	3,2
Mandatory social insurance	43,6	7,6	44,2	7,6	45,1	7,5	45,0	7,2

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17.32. Employees, by level of education and economic activity¹

(end of 2008)

	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	11310,6	2769,2	24,5	3376,9	29,9
Agriculture, hunting, forestry	679,8	108,4	16,0	72,4	10,7
Fishing, fishery	9,5	1,6	17,1	1,2	12,5
Industry	3086,5	723,7	23,4	599,1	19,4
Construction	442,3	79,8	18,0	80,4	18,2
Trade; repair of motor vehicles, household appliances and personal demand items	936,1	243,8	26,0	274,9	29,4
Activity of hotels and restaurants	92,8	25,2	27,1	17,0	18,3
Activity of transport and communications	982,6	221,7	22,6	183,3	18,7
activity of surface transport	311,0	65,4	21,0	45,8	14,7
activity of water transport	13,2	4,0	30,3	3,3	24,8
activity of air transport	12,5	3,2	25,7	6,1	49,2
additional transport services and auxiliary operations	393,6	85,4	21,7	67,5	17,2
activity of mail and communications	252,3	63,7	25,2	60,6	24,0
Financial activity	345,4	85,3	24,7	207,1	60,0
Real estate transactions, renting, engineering and provision of services to businessmen	624,3	119,6	19,2	250,1	40,1
Public administration	660,1	146,0	22,1	410,9	62,3
Education	1722,8	328,3	19,1	883,7	51,3
Health care and provision of social aid	1328,7	568,3	42,8	274,8	20,7
Provision of communal and individual services; cultural and sporting activity	399,7	117,5	29,4	122,0	30,5

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.33. Working pensioners, by type of pension and economic activity¹*(end of 2008)*

	Employees who receive pension benefits			Of which percentage of total employed pensioners			
	total, thsd.	percent of the previous year	percentage of payroll staff	retirement	old age	disability	of which 3 rd group of disabled
Total	1951,2	100,2	17,3	6,6	74,4	19,0	12,9
Agriculture, hunting, forestry	82,3	96,1	12,1	6,0	60,6	33,4	23,2
Fishing, fishery	1,5	88,3	15,8	7,2	64,0	28,8	19,4
Industry	556,8	93,8	18,0	4,6	74,3	21,1	15,3
Construction	75,5	93,2	17,1	6,2	70,7	23,1	15,4
Trade; repair of motor vehicles, household appliances and personal demand items	93,4	103,6	10,0	8,0	58,2	33,8	18,6
Activity of hotels and restaurants	13,7	109,8	14,8	3,9	73,6	22,5	13,3
Activity of transport and communications	122,5	99,3	12,5	11,2	66,7	22,1	16,1
activity of surface transport	43,7	93,2	14,1	8,2	71,9	19,9	14,6
activity of water transport	2,7	84,1	20,4	11,0	76,6	12,4	7,3
activity of air transport	2,4	79,3	19,5	40,8	44,0	15,2	7,6
additional transport services and auxiliary operations	40,7	107,7	10,3	14,2	61,4	24,4	18,1
activity of mail and communications	33,0	101,5	13,1	9,4	67,3	23,3	17,0
Financial activity	32,8	105,1	9,5	17,4	46,1	36,5	19,9
Real estate transactions, renting, engineering and provision of services to businessmen	152,0	103,6	24,3	7,2	78,7	14,1	8,7
Public administration	73,5	114,1	11,1	25,0	54,6	20,4	13,9
Education	359,3	104,2	20,9	4,9	84,3	10,8	7,0
Health care and provision of social aid	300,2	103,7	22,6	4,8	79,5	15,7	11,3
Provision of communal and individual services; cultural and sporting activity	87,7	105,7	21,9	6,0	79,4	14,6	8,7

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.34. Employment of youth, by type of economic activity¹*(end of 2008)*

	Employees aged 15–34		
	total, thsd.	percentage of payroll employees	females of specific age group in the recorded number of the working females, percent
Total	3546,9	31,4	31,2
Agriculture, hunting, forestry	159,5	23,5	24,0
Fishing, fishery	2,2	23,5	18,6
Industry	964,9	31,3	29,1
Construction	127,4	28,8	25,2
Trade; repair of motor vehicles, household appliances and personal demand items	471,3	50,4	49,9
Activity of hotels and restaurants	36,7	39,4	38,1
Activity of transport and communications	294,9	30,0	29,2
activity of surface transport	82,0	26,4	26,2
activity of water transport	3,1	23,7	19,2
activity of air transport	4,6	37,0	48,7
additional transport services and auxiliary operations	125,1	31,8	29,0
activity of mail and communications	80,1	31,7	31,0
Financial activity	199,6	57,8	59,5
Real estate transactions, renting, engineering and provision of services to businessmen	185,3	29,7	27,4
Public administration	238,4	36,1	38,5
Education	405,1	23,5	25,2
Health care and provision of social aid	353,5	26,6	28,1
Provision of communal and individual services; cultural and sporting activity	108,1	27,0	26,8

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.35. Staff training and skills upgrading in 2008, by type of economic activity¹

	Training in new occupations			Skills upgrading		
	thsd.	percentage of total regular employees	females, thsd.	thsd.	percentage of total regular employees	females, thsd.
Total	290,1	2,6	77,3	1022,7	9,0	437,7
Agriculture, hunting, forestry	10,7	1,6	1,7	16,3	2,4	2,3
Fishing, fishery	0,1	1,1	0,0	0,4	4,4	0,0
Industry	202,7	6,6	51,7	431,2	14,0	91,3
Construction	14,0	3,2	0,8	21,6	4,9	1,5
Trade; repair of motor vehicles, household appliances and personal demand items	9,3	1,0	3,1	13,9	1,5	5,8
Activity of hotels and restaurants	0,5	0,5	0,3	1,3	1,4	0,8
Activity of transport and communications	36,8	3,7	12,9	126,5	12,9	42,1
activity of surface transport	8,1	2,6	1,8	29,1	9,4	6,7
activity of water transport	0,5	3,7	0,0	2,1	15,5	0,0
activity of air transport	1,3	10,1	0,5	3,2	25,5	0,9
additional transport services and auxiliary operations	17,6	4,5	2,9	53,2	13,5	10,1
activity of mail and communications	9,3	3,7	7,7	38,9	15,4	24,4
Financial activity	1,6	0,5	1,2	29,7	8,6	18,5
Real estate transactions, renting, engineering and provision of services to businessmen	6,8	1,1	1,4	22,9	3,7	7,9
Public administration	2,1	0,3	0,9	72,0	10,9	42,8
Education	2,0	0,1	1,3	153,7	8,9	120,2
Health care and provision of social aid	1,7	0,1	1,2	123,6	9,3	98,0
Provision of communal and individual services; cultural and sporting activity	1,8	0,4	0,8	9,6	2,4	6,5

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.36. Staff training and skills upgrading in 2008, by region¹

	Training in new occupations			Skills upgrading		
	thsd.	percentage of total regular employees	females, thsd.	thsd.	percentage of total regular employees	females, thsd.
Ukraine	290,1	2,6	77,3	1022,7	9,0	437,7
Autonomous Republic of Crimea	9,9	2,5	2,6	36,4	9,0	16,7
oblasts						
Vinnitsya	6,5	1,9	1,6	25,4	7,4	13,1
Volyn	3,5	1,5	0,7	17,5	7,7	8,6
Dnipropetrovsk	37,5	3,8	8,7	116,1	11,6	39,9
Donetsk	49,8	3,9	14,0	149,7	11,8	53,8
Zhytomyr	5,7	2,1	1,6	19,0	6,9	9,6
Zakarpattia	6,4	2,9	2,9	12,9	6,0	7,1
Zaporizhya	19,7	4,0	4,5	62,8	12,7	22,9
Ivano-Frankivsk	3,1	1,2	0,5	21,4	8,5	11,3
Kyiv	12,7	3,3	3,9	27,7	7,2	12,2
Kirovohrad	6,0	2,8	1,1	19,1	8,7	9,8
Luhansk	25,3	4,4	5,9	61,8	10,6	23,9
Lviv	7,7	1,3	1,4	38,8	6,5	18,9
Mykolayiv	4,8	1,9	1,1	20,3	7,8	9,0
Odesa	10,8	2,0	3,2	38,9	7,2	16,6
Poltava	11,7	3,0	2,6	42,4	10,7	15,7
Rivne	4,2	1,8	1,1	24,1	10,1	11,6
Sumy	7,6	2,7	2,9	28,1	9,9	12,6
Ternopil	3,5	1,8	1,7	14,9	7,6	9,2
Kharkiv	14,3	2,0	3,5	62,5	8,9	26,2
Kherson	5,6	2,6	1,3	19,7	9,0	8,7
Khmelnyskiy	6,0	2,3	1,6	24,3	9,2	11,4
Cherkasy	6,7	2,3	2,3	21,6	7,4	11,5
Chernivtsi	2,2	1,4	0,6	11,7	7,6	7,1
Chernihiv	3,5	1,4	1,1	18,4	7,3	9,4
cities						
Kyiv	14,4	1,2	4,6	81,4	6,9	37,2
Sevastopol	1,0	1,3	0,3	5,8	7,4	3,7

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.37. Rate for employees' recruitment and retirement, by type of economic activity¹
(percent of averaged payroll employees)

	Recruited						Retired					
	2003	2004	2005	2006	2007	2008	2003	2004	2005	2006	2007	2008
Total	25,3	27,1	27,4	28,2	29,7	28,3	29,5	28,8	29,2	29,9	30,7	32,8
Agriculture, hunting, forestry	25,3	31,8	36,5	40,8	43,4	45,9	46,7	46,6	50,4	54,5	56,4	58,4
Fishing, fishery	39,2	32,8	42,4	45,9	36,4	45,6	50,6	50,0	57,0	54,4	54,8	58,1
Industry	28,0	29,8	28,2	27,2	28,5	26,3	31,8	29,9	30,4	31,1	31,3	34,6
Construction	45,0	46,8	44,7	45,1	46,5	39,7	47,9	48,3	48,1	45,9	46,2	54,9
Trade; repair of motor vehicles, household appliances and personal demand items	45,1	51,1	55,5	59,9	60,8	56,3	48,3	50,7	51,1	53,6	55,0	59,6
Activity of hotels and restaurants	50,7	51,4	56,3	60,1	62,8	63,9	58,4	57,1	58,7	62,0	63,1	66,8
Activity of transport and communications	20,6	20,4	20,7	21,5	23,0	23,4	22,6	22,1	21,3	23,4	25,3	25,8
activity of surface transport	22,2	22,4	22,1	22,1	24,0	24,5	27,7	26,7	24,7	25,0	27,1	28,1
activity of water transport	12,9	17,9	19,1	20,3	19,4	20,4	22,9	19,8	20,0	24,0	27,5	31,3
activity of air transport	31,2	24,9	21,9	23,7	24,6	29,0	33,0	25,8	18,7	22,3	23,9	26,8
additional transport services and auxiliary operations	14,6	14,9	16,2	15,2	18,3	19,6	14,3	15,3	15,8	16,5	18,4	20,3
activity of mail and communications	24,1	24,5	24,5	28,9	28,6	27,8	24,2	24,1	23,7	30,7	32,6	31,5
Financial activity	34,9	39,5	39,4	45,3	52,8	42,6	26,4	27,0	28,8	29,8	35,1	41,1
Real estate transactions, renting, engineering and provision of services to businessmen	33,3	35,2	34,3	35,2	38,5	35,2	36,8	37,5	36,6	35,5	40,2	39,3
of which research and development	18,5	20,7	18,0	16,9	17,3	16,4	21,2	20,2	20,3	20,0	19,5	19,2
Public administration	19,5	21,2	20,5	20,0	20,9	18,5	15,2	18,0	19,6	18,7	18,5	16,6
Education	15,2	14,3	14,1	13,7	13,6	14,1	14,1	13,8	13,2	13,1	13,4	14,1
Health care and provision of social aid	15,9	14,7	14,5	14,2	14,1	14,4	16,0	15,2	14,8	14,5	14,1	15,2
Provision of communal and individual services; cultural and sporting activity	26,2	25,3	24,3	25,8	27,0	27,2	26,6	26,1	25,1	26,0	25,8	26,1
of which cultural, sporting, recreational and entertainment activities	22,2	20,5	21,3	22,8	22,7	24,0	21,0	20,6	20,2	21,3	21,3	22,2

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.38. Use of employees' working time fund in 2008, by type of economic activity¹*(average per employee)*

	Established working hours (presence and absence), hours	Actual time at work		Grounded absence	Loss of working time
		hours	percentage of established working hours		
Total	1943	1687	86,8	219	37
Agriculture, hunting, forestry	1967	1755	89,2	175	37
Fishing, fishery	1947	1688	86,7	152	107
Industry	1996	1673	83,8	252	71
Construction	1993	1707	85,6	191	95
Trade; repair of motor vehicles, household appliances and personal demand items	1962	1803	91,9	130	29
Activity of hotels and restaurants	1942	1733	89,3	150	59
Activity of transport and communications	1992	1707	85,7	243	42
activity of surface transport	2034	1747	85,9	239	48
activity of water transport	2013	1627	80,8	249	137
activity of air transport	1974	1727	87,5	211	36
additional transport services and auxiliary operations	2034	1707	83,9	271	56
activity of mail and communications	1871	1659	88,7	203	9
Financial activity	1989	1811	91,1	162	16
Real estate transactions, renting, engineering and provision of services to businessmen	1982	1771	89,4	185	26
of which research and development	1987	1719	86,5	228	40
Public administration	1965	1711	87,1	250	4
Education	1722	1483	86,1	237	2
Health care and provision of social aid	1986	1747	88,0	232	7
Provision of communal and individual services; cultural and sporting activity	1868	1677	89,8	178	13
of which cultural, sporting, recreational and entertainment activities	1833	1647	89,8	179	7

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.39. Use of employees' working time fund in 2008, by industrial activity¹*(average per employee)*

	Established working hours (presence and absence), hours	Actual time at work		Grounded absence	Loss of working time
		hours	percentage of established working hours		
Industry	1996	1673	83,8	252	71
Mining	1871	1506	80,5	336	29
mining of fuel and energy minerals	1809	1446	79,9	349	14
mining operations apart from fuel and energy materials	2014	1648	81,8	302	64
Manufacturing	2016	1687	83,7	235	94
production of foodstuffs, beverages and tobacco products	1998	1740	87,1	196	62
light industry	1979	1640	82,9	228	110
textile industry, sewing of clothes, fur and fur articles	1980	1639	82,8	233	108
production of leather, leather articles and other materials	1973	1649	83,6	204	120
wood working and production of wood products apart from furniture	1989	1723	86,6	193	73
cellulose and paper industry; printing	1996	1751	87,7	199	46
production of coke and refined petroleum products	2040	1716	84,1	291	33
chemical and petrochemical industry	2004	1691	84,4	230	83
production of chemicals	2014	1699	84,4	245	70
production of rubber and plastic products	1983	1674	84,4	198	111
production of other non-metallic mineral products	2023	1704	84,2	222	97
metallurgy and production of finished metal products	2047	1676	81,9	287	84
engineering	2022	1649	81,5	242	131
manufacture of machinery and equipment	2011	1651	82,1	242	118
manufacture of electrical, electronic and optical equipment	1995	1622	81,3	230	143
manufacture of transport vehicles and equipment	2057	1667	81,0	249	141
other manufacture n.i.e.	1982	1713	86,4	182	87
Production and distribution of electricity, gas and water	2026	1769	87,3	245	12

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.40. Labour contracts concluded, by type of economic activity¹*(end of 2008)*

	Total labour contracts concluded and registered		Employees covered by contracts	
	units	percent of the previous period	thsd.	percentage of total payroll employees
Total	95656	101,2	9429,3	83,4
Agriculture, hunting, forestry	7370	92,4	599,6	88,2
Fishing, fishery	156	98,7	8,3	86,9
Industry	9685	97,9	2868,8	92,9
mining	571	98,6	472,0	99,8
manufacturing	7696	99,0	1868,4	90,0
production and distribution of electricity, gas and water	1418	92,4	528,4	98,5
Construction	4035	98,5	346,4	78,3
Trade; repair of motor vehicles, household appliances and personal demand items	7988	100,3	483,9	51,7
Activity of hotels and restaurants	1213	107,0	57,0	61,4
Activity of transport and communications	3436	96,1	893,3	90,9
activity of surface transport	1515	95,2	277,7	89,3
activity of water transport	37	100,0	12,9	97,9
activity of air transport	43	97,7	8,3	66,5
additional transport services and auxiliary operations	1307	107,1	374,2	95,1
activity of mail and communications	534	78,3	220,2	87,3
Financial activity	1472	92,5	201,0	58,2
Real estate transactions, renting, engineering and provision of services to businessmen	6741	108,1	500,6	80,2
of which research and development	1078	101,8	141,3	94,0
Public administration	15268	115,7	486,2	73,7
Education	24794	98,9	1510,3	87,7
Health care and provision of social aid	7350	101,1	1191,1	89,6
Provision of communal and individual services; cultural and sporting activity	6148	96,9	282,8	70,8
of which cultural, sporting, recreational and entertainment activities	4510	95,8	203,6	67,7

¹ See the first footnote to Table 17.28

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 cash income meant to be used by households for purchasing consumer goods and payment for services. They include labour remuneration, 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.

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

This indicator is defined on the basis of data from the state statistical observation that covers entities, public organizations, financial and budget departments which use employment. The observation does not cover statistically small enterprises and entrepreneurs.

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.

The real wages characterize the amounts of goods and services that could be bought for the nominal wages.

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 continuous survey based on international standards that meet current social and demographic situation in Ukraine.

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

Households participate in the survey for one year.

The survey is conducted every quarter in all regions of the country and covers all population excluding those in active armed forces, imprisoned, persons residing in boarding houses for the aged, and marginal sections of the population. The design of the sample survey excludes contaminated areas (isolated and eviction areas).

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

In 2008 the initial sampled population of the survey included 12977 households. During the year 10622 households took part in the survey (selected addresses accounted for 83,3%, 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.

POPULATION INCOME AND EXPENDITURE

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)

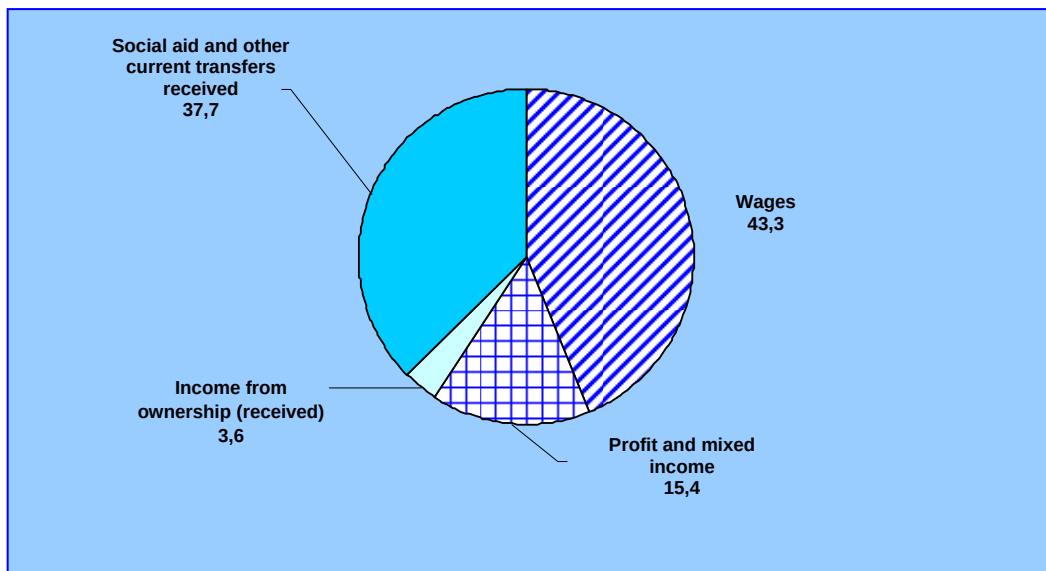
	1995 ¹	2000	2002	2003	2004	2005	2006	2007	2008 ²	2008 over 2007, percent
Income	4006	128736	185073	215672	274241	381404	472061	623289	856633	137,4
of which										
wages	1654	55853	78950	94608	117227	160621	205120	278968	371053	133,0
profit and mixed income	616	24696	33540	36330	43828	58404	69186	95203	131727	138,4
income from ownership (received)	48	3322	5297	6706	8337	11072	13855	20078	30901	153,9
social aid and other current transfers received	1688	44865	67286	78028	104849	151307	183900	229040	322952	141,0
Expenditure and savings	4006	128736	185073	215672	274241	381404	472061	623289	856633	137,4
of which										
purchase of goods and services	3719	115887	153589	180730	221713	306769	385681	509533	689055	135,2
income from ownership (paid)	4	158	334	902	1864	3523	8374	16924	30431	179,8
current taxes on income, property and other current transfers paid	209	8488	14092	17763	19030	25461	33803	49053	67375	137,4
accumulation of non-financial assets	59	3099	2464	1680	3254	4444	7159	9939	17708	178,2
increase in financial assets	15	1104	14594	14597	28380	41207	37044	37840	52064	137,6
<i>Available income</i>	<i>2783</i>	<i>96609</i>	<i>141618</i>	<i>162578</i>	<i>212033</i>	<i>298275</i>	<i>363586</i>	<i>470953</i>	<i>646337</i>	<i>137,2</i>
<i>Real available income, percent of the previous year</i>	<i>108,3</i>	<i>104,1</i>	<i>118,0</i>	<i>109,1</i>	<i>119,6</i>	<i>123,9</i>	<i>111,8</i>	<i>114,8</i>	<i>109,6</i>	<i>×</i>

¹ Trln. KRB

² Preliminary data

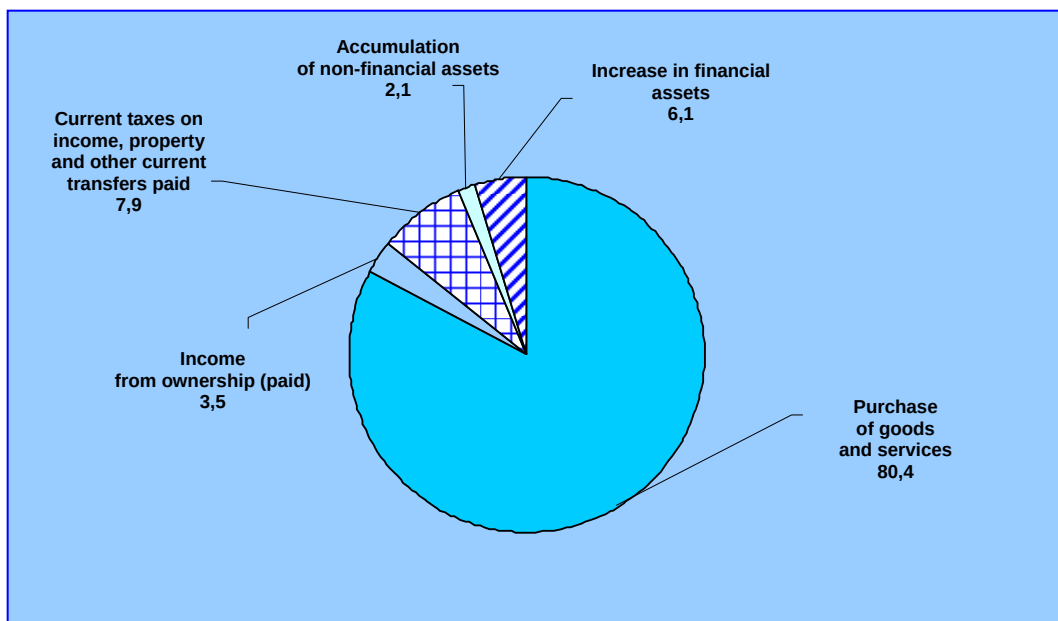
18.2. Structure of population income in 2008

(percent)



18.3. Structure of population expenditure and savings in 2008

(percent)



POPULATION INCOME AND EXPENDITURE

18.4. Population income, by region

(mln. UAH)

	2001 ¹			2007			2008 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	623289	470953	10126,0	856633	646337	13972,4
Autonomous Republic of Crimea	5833	4233	2073,9	22878	16957	8589,7	31537	23948	12161,3
oblasts									
Vinnitsya	5044	4072	2286,8	19264	15052	8963,3	25942	20249	12153,5
Volyn	2902	2267	2132,4	10943	8321	8022,6	14897	11316	10919,6
Dnipropetrovsk	12890	9555	2665,2	50955	39015	11439,0	69683	53595	15827,0
Donetsk	16420	12399	2544,8	67057	53011	11625,7	92797	73871	16344,2
Zhytomyr	3745	2954	2112,5	15132	11624	8864,5	20157	15578	11984,9
Zakarpattia	2881	2243	1781,4	12103	9105	7323,8	16289	12266	9868,1
Zaporizhzhya	7057	5267	2719,0	26424	20747	11276,2	35800	28096	15377,4
Ivano-Frankivsk	3591	2792	1973,0	14779	11537	8336,0	20445	15867	11482,8
Kyiv	6500	5057	2753,9	23145	17876	10248,8	31554	24635	14218,5
Kirovohrad	3260	2522	2217,2	11602	8962	8564,6	15681	12144	11751,5
Luhansk	7359	5624	2188,6	28967	22786	9620,0	40241	31793	13565,9
Lviv	7787	5910	2239,7	31361	24420	9523,8	42885	33222	12995,6
Mykolayiv	3783	2855	2244,6	14772	11324	9376,5	20053	15268	12726,5
Odesa	6814	5058	2040,7	29186	21031	8780,8	39871	28495	11905,7
Poltava	5322	4064	2474,8	20283	15913	10382,3	27460	21572	14209,9
Rivne	3260	2530	2150,5	12555	9555	8285,6	16964	12917	11217,5
Sumy	3984	3021	2308,4	14965	11892	9876,3	20080	16017	13455,1
Ternopil	2740	2120	1850,6	11367	8886	8063,5	15257	11860	10821,2
Kharkiv	9588	7090	2425,0	37835	28961	10328,5	51708	38895	13944,9
Kherson	2979	2330	1971,3	12070	9315	8374,5	16451	12667	11481,0
Khmelnyskiy	4029	3249	2259,1	15551	12156	8965,3	20858	16335	12137,8
Cherkasy	3902	2987	2117,9	15177	11609	8782,7	20529	15811	12070,4
Chernivtsi	2109	1596	1725,4	9178	7006	7738,0	12402	9418	10414,7
Chernihiv	3776	2962	2376,7	13560	10681	9337,4	18383	14561	12901,8
cities									
Kyiv	14475	8995	3447,3	77435	49762	18233,2	112097	71171	25853,1
Sevastopol	1039	723	1902,3	4745	3449	9093,1	6612	4770	12559,2

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

POPULATION INCOME AND EXPENDITURE

18.5. Population expenditure, by region*(mln. UAH)*

	2001		2007		2008 ¹	
	total	per capita, UAH	total	per capita, UAH	total	per capita, UAH
Ukraine	151208	3106,6	575510	12374,1	786861	17010,2
Autonomous Republic of Crimea	5822	2853,2	23141	11722,3	31407	15949,1
oblasts						
Vinnitsya	4048	2272,9	16432	9785,0	22907	13748,9
Volyn	2882	2712,2	10288	9919,0	14156	13660,1
Dnipropetrovsk	12769	3561,4	42624	12497,1	59070	17443,8
Donetsk	13439	2758,0	53344	11698,8	74275	16433,6
Zhytomyr	3041	2174,2	12245	9338,1	16734	12874,3
Zakarpattia	2979	2365,5	11218	9023,5	15055	12111,8
Zaporizhzhya	7152	3692,9	22164	12046,3	30099	16473,6
Ivano-Frankivsk	3172	2241,2	12211	8823,0	17169	12425,1
Kyiv	5746	3128,5	20061	11501,5	28000	16160,7
Kirovohrad	3344	2938,2	9943	9502,1	13367	12935,0
Luhansk	6620	2576,1	21427	9046,3	29589	12625,4
Lviv	7899	2993,5	27099	10568,6	36374	14228,6
Mykolayiv	3368	2647,1	12989	10755,2	17937	14951,2
Odesa	7276	2935,6	32293	13482,9	43715	18264,8
Poltava	4945	3012,0	16400	10700,1	22123	14572,8
Rivne	3174	2698,0	10386	9006,2	14468	12564,5
Sumy	3794	2899,3	10853	9013,4	14744	12385,8
Ternopil	2392	2087,7	8807	7991,8	12272	11197,1
Kharkiv	10690	3656,6	37587	13404,8	52038	18657,0
Kherson	2760	2334,7	11009	9897,5	14852	13461,4
Khmelnyskiy	3872	2692,5	13250	9772,1	18056	13416,6
Cherkasy	3300	2340,5	13726	10384,3	18426	14066,7
Chernivtsi	2432	2627,9	8465	9349,5	11404	12610,9
Chernihiv	3305	2651,5	10523	9199,2	14568	12908,0
cities						
Kyiv	19386	7429,7	101435	37166,6	136389	49543,8
Sevastopol	1247	3285,0	5590	14737,7	7667	20186,9

¹ See the second footnote to Table 18.1

POPULATION INCOME AND EXPENDITURE

18.6. Average monthly wages of employees¹

(KRB)

	Total	Including	
		blue collar and white collar-workers	employees of collective agricultural enterprises ¹
1940	32,20	32,20	—
1945	42,70	42,70	—
1950	62,70	62,70	—
1955	68,80	68,80	—
1960	57,82	78,30	23,68
1965	80,15	93,90	49,76
1970	102,97	115,17	66,56
1975	122,33	133,54	80,77
1980	146,06	155,12	103,63
1985	167,81	173,95	135,55
1990	244,30	248,40	220,40
1991	479,70	495,40	391,00
1992	6505,39	—	—
1993	162790,23	—	—
1994	1427708,22	—	—

¹ See methodology notes**18.7. Average monthly nominal and real wages of employees¹**

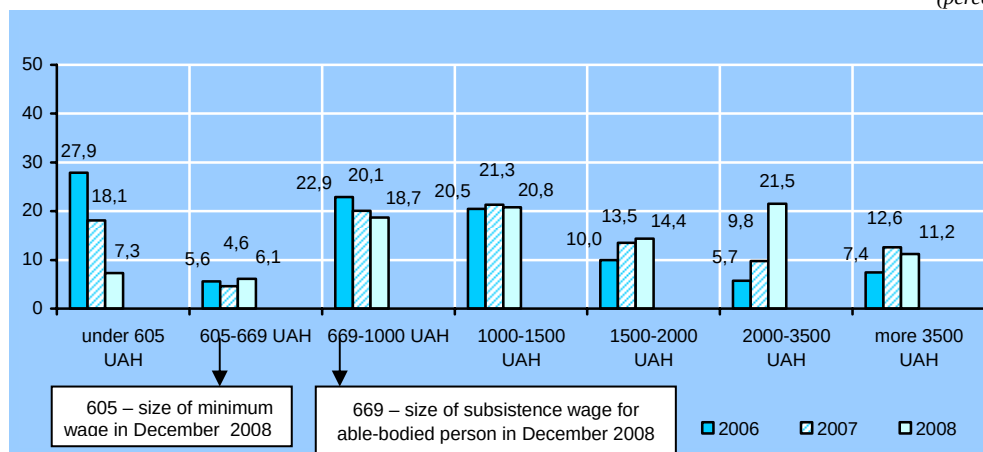
(UAH)

	Nominal wages	Percent to the relevant period of the previous year	
		index of nominal wages	index of 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
Including by month			
January	1521	136,8	114,1
February	1633	143,0	116,9
March	1702	138,4	109,3
April	1735	141,7	107,7
May	1774	139,0	105,0
June	1883	137,6	105,4
July	1930	135,8	106,2
August	1872	133,9	105,6
September	1916	134,4	107,1
October	1917	130,0	104,8
November	1823	122,7	99,8
December	2001	119,5	97,0

¹ Excluding employees of statistically small enterprises and natural persons-entrepreneurs

18.8. Distribution of employees in December of 2006–2008, by nominal wages

(percent)

**18.9. Average monthly nominal wages of employees, by type of economic activity¹**

(UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	
										UAH	percent of 2007
Total	73	230	311	376	462	590	806	1041	1351	1806	133,7
Agriculture, hunting, forestry	37	114	154	183	219	311	437	581	771	1101	142,9
Fishing, fishery	58	147	204	242	291	375	499	607	721	913	126,6
Industry	89	302	406	485	591	743	967	1212	1554	2017	129,8
Construction	103	260	362	427	546	709	894	1140	1486	1832	123,3
Trade; repair of motor vehicles, household appliances and personal demand items	66	226	284	330	394	509	713	898	1145	1514	132,3
Activity of hotels and restaurants	51	178	235	286	340	429	567	735	944	1221	129,4
Activity of transport and communications	90	336	460	573	685	843	1057	1328	1670	2207	132,2
activity of surface transport	79	282	405	515	633	775	961	1227	1563	2036	130,3
activity of water transport	114	489	557	617	762	733	929	1093	1412	1924	136,2
activity of air transport	116	445	593	702	857	1232	1622	2053	2704	4061	150,2
additional transport services and auxiliary operations	104	423	591	730	851	1016	1218	1513	1872	2457	131,2
activity of mail and communications	93	317	402	469	548	710	967	1191	1485	1950	131,3
Financial activity	172	560	833	976	1051	1258	1553	2050	2770	3747	135,3
Real estate transactions, renting, engineering and provision of services to businessmen	75	278	373	437	527	667	900	1193	1595	2085	130,8
of which research and development	82	303	420	470	570	774	1048	1323	1741	2336	134,2
Public administration	81	335	396	495	577	691	1087	1578	1852	2581	139,4
Education	71	156	224	267	340	429	641	806	1060	1448	136,6
Health care and provision of social aid	75	138	183	223	279	351	517	658	871	1177	135,3
Provision of communal and individual services; cultural and sporting activity of which cultural, sporting, recreational and entertainment, and activities	63	162	211	247	299	400	620	828	1090	1511	138,6
	58	135	182	219	277	383	628	842	1109	1551	139,8

¹ See the footnote to Table 18.7

POPULATION INCOME AND EXPENDITURE

18.10. Average monthly nominal wages of employees, by industrial activity¹

(UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	
									UAH	percent of 2007
Industry	302	406	485	591	743	967	1212	1554	2017	129,8
Mining	393	517	610	701	910	1246	1536	1970	2681	136,1
Manufacturing	271	368	441	553	701	905	1137	1456	1849	127,0
production of foodstuffs, beverages and tobacco products	281	364	423	496	597	780	986	1223	1618	132,4
light industry	162	219	259	323	422	527	653	810	1015	125,3
textile industry; sewing of clothes, fur and fur articles	164	220	257	315	418	523	646	801	1011	126,3
production of leather, leather articles and other materials	153	210	271	374	444	553	691	854	1033	120,9
wood working and production of wood products apart from furniture	191	284	351	450	561	707	879	1078	1347	124,9
cellulose and paper industry; printing	394	497	574	666	800	998	1275	1545	1938	125,4
production of coke and refined petroleum products	490	634	824	951	1174	1470	1697	2145	2689	125,4
chemical and petrochemical industry	305	405	459	568	724	960	1190	1481	1905	128,6
production of chemicals	318	421	471	581	748	1012	1261	1586	2047	129,1
production of rubber and plastic products	256	344	414	519	649	814	1020	1251	1598	127,7
production of other non-metallic mineral products	232	314	384	490	625	824	1067	1440	1818	126,2
metallurgy and production of finished metal products	421	540	619	781	994	1287	1560	2003	2418	120,7
engineering	222	319	387	497	640	821	1060	1389	1789	128,8
manufacture of machinery and equipment	226	332	388	493	639	832	1068	1380	1791	129,8
manufacture of electrical, electronic and optical equipment	173	260	322	416	555	737	952	1264	1633	129,1
manufacture of transport vehicles equipment	263	352	440	563	704	864	1129	1492	1901	127,4
other manufacture n.i.e.	212	281	352	443	583	704	846	1053	1364	129,6
Production and distribution of electricity, gas and water	371	476	562	651	767	969	1228	1577	2111	133,9

¹ See the footnote to Table 18.7

POPULATION INCOME AND EXPENDITURE

18.11. Average monthly nominal wages of employees, by region¹

(UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	
										UAH	percent of 2007
Ukraine	73	230	311	376	462	590	806	1041	1351	1806	133,7
Autonomous Republic of Crimea	70	225	301	358	433	543	730	952	1220	1609	131,9
oblasts											
Vinnytsya	58	159	215	265	334	435	597	793	1028	1404	136,6
Volyn	53	150	201	253	319	412	591	773	1013	1380	136,3
Dnipropetrovsk	91	273	370	438	526	667	913	1139	1455	1876	128,9
Donetsk	97	292	383	452	550	712	962	1202	1535	2015	131,3
Zhytomyr	61	164	220	268	334	434	602	793	1033	1404	135,9
Zakarpattia	50	172	238	295	379	479	665	868	1091	1453	133,2
Zaporizhzhya	84	289	379	445	541	671	860	1091	1394	1812	129,9
Ivano-Frankivsk	65	188	259	318	402	510	718	923	1180	1543	130,8
Kyiv	78	241	317	378	470	592	811	1058	1362	1852	135,9
Kirovohrad	58	170	231	282	353	455	624	819	1054	1428	135,5
Luhansk	82	232	320	393	474	596	805	1022	1323	1769	133,7
Lviv	62	196	272	339	419	523	713	923	1183	1570	132,8
Mykolayiv	68	227	327	398	470	565	744	955	1202	1621	134,8
Odesa	66	236	306	379	454	566	768	966	1226	1633	133,2
Poltava	76	220	292	354	437	560	758	961	1243	1661	133,6
Rivne	61	173	245	312	390	506	685	888	1133	1523	134,4
Sumy	66	194	259	307	379	473	663	857	1098	1472	134,1
Ternopil	53	135	190	237	304	388	553	727	943	1313	139,3
Kharkiv	72	230	310	370	455	569	759	974	1251	1679	134,3
Kherson	59	173	233	289	356	451	625	800	1017	1375	135,2
Khmelnyskiy	55	156	211	258	323	419	584	792	1045	1429	136,7
Cherkasy	63	175	229	276	350	465	642	846	1085	1459	134,5
Chernivtsi	55	157	218	271	344	441	621	819	1051	1402	133,4
Chernihiv	57	177	235	277	342	438	602	790	1016	1370	134,8
cities											
Kyiv	100	405	549	643	761	967	1314	1729	2300	3074	133,7
Sevastopol	83	251	325	391	486	594	803	1005	1302	1726	132,5

¹ See the footnote to Table 18.7

POPULATION INCOME AND EXPENDITURE

**18.12. The number and nominal wages of employees in 2008,
by sex and type of economic activity¹**

	Payroll staff, thsd.		Average monthly nominal wages of employees, UAH		
	males	females	males	females	
				UAH	percent of average monthly wages of males
Total	5335,8	6053,7	2080	1565	75,2
Agriculture, hunting, forestry	518,4	264,4	1149	1008	87,7
Fishing, fishery	8,7	2,0	905	951	105,2
Industry	1937,9	1250,0	2315	1555	67,2
Construction	400,2	97,3	1883	1624	86,2
Trade; repair of motor vehicles, household appliances and personal demand items	472,4	474,6	1679	1349	80,4
Activity of hotels and restaurants	27,1	67,3	1378	1158	84,1
Activity of transport and communications	575,2	398,8	2474	1822	73,7
activity of surface transport	208,8	103,2	2138	1829	85,6
activity of water transport	10,1	3,6	2080	1484	71,3
activity of air transport	7,6	4,5	4076	4036	99,0
additional transport services and auxiliary operations	256,2	135,5	2651	2089	78,8
activity of mail and communications	92,5	152,0	2652	1523	57,4
Financial activity	107,0	232,2	4763	3279	68,8
Real estate transactions, renting, engineering and provision of services to businessmen	324,7	306,7	2165	2001	92,5
of which research and development	76,3	73,5	2537	2128	83,9
Public administration	207,7	419,2	2898	2424	83,6
Education	382,6	1259,4	1630	1392	85,4
Health care and provision of social aid	223,5	1043,1	1307	1150	88,0
Provision of communal and individual services; cultural and sporting activity	150,4	238,7	1829	1311	71,7
of which cultural, sporting, recreational and entertainment, and activities	101,3	189,7	1964	1330	67,8

¹ See the footnote to Table 18.7

POPULATION INCOME AND EXPENDITURE

18.13. Average monthly pension*(beginning of year; UAH)*

	1996 ¹	2001 ²	2002 ²	2003 ²	2004 ²	2005 ³	2006 ³	2007 ³	2008 ³	2009 ³
Average monthly pensions payable to pensioners from the Pension Fund	38,7	83,7	122,5	136,6	182,2	316,2	406,8	478,4	751,4	898,4
including										
old age	38,8	85,2	127,1	141,8	194,2	323,8	417,7	497,0	798,9	942,7
disability	45,6	94,5	129,7	142,4	170,9	305,2	393,2	435,8	598,2	742,7
of which										
due to accident at work or occupational disease	56,5	89,7	136,9	147,1	156,9	278,7	280,5	280,5	287,1	588,9
1 st group	55,5	99,8	152,5	156,7	166,2	288,5	290,2	291,9	299,8	559,0
2 nd group	71,2	89,3	137,6	145,3	155,0	287,2	290,3	290,6	298,7	568,2
3 rd group	46,9	88,7	134,9	146,8	156,6	275,8	277,8	277,9	284,4	593,9
to survivors who lost their benefactor	33,2	61,0	85,5	95,9	120,2	262,9	302,8	339,3	474,3	647,0
of which										
to families of employees and agricultural workers who lost their benefactor	30,7	58,8	84,9	96,4	121,4	260,5	299,1	333,0	468,7	644,7
retirement	40,7	105,8	146,1	168,3	211,2	334,3	443,9	551,3	760,9	945,0
social benefits	21,4	43,7	54,8	59,0	62,6	266,2	339,6	316,3	369,7	538,0

¹ Including compensations paid² Including target money aid and indexation³ Including compensation paid and target aid as provided by current legislation

In 2009 as of January 1, average monthly pensions payable to pensioners is 934,32 UAH.

POPULATION INCOME AND EXPENDITURE

18.14. Differentiation of household living standards¹

	Quintile coefficient for differentiating the population income ² , times		Correlation of income ² of 20% richest and 20% the poorest people, times		Share of population with per capita average monthly income ² lower than 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	59,4	50,9
2007	2,2	2,0	4,1	3,6	39,8	29,3
2008	2,2	2,1	4,2	3,8	25,6	18,1

¹ Here and elsewhere (Tables 18.15–18.44, 18.47) data of the household living condition survey

² In 2000–2006 as the differentiation criterion the indicators “monetary expenditure” and “total expenditure” were used

³ In the 4th quarter 2000, 270,1 UAH; in 2001, 311,3 UAH; in 2002, 2003, 342 UAH; in the 4th quarter 2004, 362,23 UAH; in 2005, 423 UAH; in the 4th quarter 2006, 472 UAH, in the 4th quarter 2007 – 532 UAH, in 4th quarter 2008 – 626 UAH

18.15. Households, by size and number of children

(percent)

	2000			2007			2008		
	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	24,0	23,8	24,5	23,7	23,5	24,2
two persons	27,6	28,2	26,2	27,1	27,3	26,9	27,0	27,4	26,6
three persons	22,0	24,6	16,3	25,0	27,5	19,2	25,7	28,4	19,5
four persons	19,0	19,6	17,9	15,7	15,4	16,3	15,6	14,8	17,2
five and more persons	10,5	7,7	16,4	8,2	6,0	13,1	8,0	5,9	12,5
Average household size, persons	2,76	2,70	2,89	2,60	2,54	2,74	2,60	2,54	2,74
Percentage of households with children aged under 18	43,6	44,6	41,4	37,7	37,7	37,8	37,8	37,7	38,1
Percentage of households without children	56,4	55,4	58,6	62,3	62,3	62,2	62,2	62,3	61,9
Of total households, percentage of households with children aged									
under 3	5,2	4,8	6,0	6,8	6,8	6,7	7,6	7,5	7,7
under 7	13,7	12,9	15,5	15,6	15,8	15,3	15,7	15,9	15,1
under 14	32,8	33,0	32,3	28,4	28,0	29,3	29,1	29,0	29,1
under 16	38,8	39,5	37,3	32,7	32,3	33,6	33,0	32,8	33,4

POPULATION INCOME AND EXPENDITURE

18.16. Households with children, by number of children

(percent)

	2000			2007			2008		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
All households with children	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
including households with									
one child	61,0	66,5	48,0	68,1	74,4	54,1	70,7	76,0	58,9
two children	33,3	30,0	41,2	27,9	23,4	37,8	25,5	22,1	33,2
three children	4,1	2,7	7,5	3,1	2,0	5,5	3,1	1,8	5,9
four or more children	1,6	0,8	3,3	0,9	0,2	2,6	0,7	0,1	2,0

18.17. Population, by per capita money income¹

(percent)

	2006			2007			2008		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total population	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
With average per capita cash income ¹ per month, UAH									
under 300,0	29,4	19,9	49,0	7,4	3,8	14,8	2,1	0,7	5,0
300,1–480,0	31,2	32,2	28,9	22,9	18,8	31,2	9,0	5,0	17,1
480,1–660,0	19,8	23,3	12,7	28,8	27,7	30,8	18,0	14,5	25,3
660,1–840,0	19,6 ²	24,6	9,4	16,9	19,5	11,9	20,3	19,0	23,0
840,1–1020,0	...	...	...	24,0 ³	30,2	11,3	15,4	17,0	12,2
1020,1–1200,0	...	...	...	...	...	...	11,9	13,8	7,8
1200,1–1380,0	...	...	...	...	...	...	7,4	9,3	3,5
1380,1–1560,0	...	...	...	...	...	...	5,2	6,4	2,7
1560,1–1740,0	...	...	...	...	...	...	3,1	4,0	1,3
1740,1–1920,0	...	...	...	...	...	...	2,2	3,0	0,6
over 1920,0	...	...	...	...	...	...	5,4	7,3	1,5
Quintile differentiation coefficient of cash income ¹ of the population, times	2,6	2,4	2,6	2,2	2,1	2,1	2,2	2,1	2,1
Correlation of cash income ¹ of 20% richest and 20% poorest people (quintile coefficient for funds), times	5,5	4,9	5,3	4,1	3,8	3,8	4,2	3,9	3,9
Percentage of people with average per capita cash income ¹ per month lower than subsistence level ⁴	59,4	50,9	76,9	39,8	31,3	57,4	25,6	17,3	42,7

¹ In 2000–2006 as the differentiation criterion the indicator “average per capita monetary expenditure” was used² In 2006, over 660 UAH³ In 2007, over 840 UAH⁴ In the 4th quarter 2006 – 472 UAH, in the 4th quarter 2007 – 532 UAH, in the 4th quarter 2008 – 626 UAH

POPULATION INCOME AND EXPENDITURE

18.18. Households, by per capita money income¹*(percent)*

	2006			2007			2008		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
All households	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
With average per capita cash income ¹ per month, UAH									
under 300,0	23,4	15,8	40,2	5,4	3,0	10,7	1,5	0,6	3,6
300,1–480,0	30,6	30,6	30,9	19,5	16,6	25,7	6,4	3,8	12,1
480,1–660,0	21,4	23,9	15,7	30,6	28,5	35,4	16,1	12,9	23,3
660,1–840,0	24,6 ²	29,7	13,2	17,4	18,9	14,2	20,9	18,9	25,5
840,1–1020,0	...	...	...	27,1 ³	33,0	14,0	16,1	17,0	14,1
1020,1–1200,0	...	...	...	...	...	...	11,8	13,2	8,6
1200,1–1380,0	...	...	...	...	...	...	8,2	9,6	4,8
1380,1–1560,0	...	...	...	...	...	...	5,7	6,8	3,4
1560,1–1740,0	...	...	...	...	...	...	3,7	4,6	1,7
1740,1–1920,0	...	...	...	...	...	...	2,6	3,3	1,0
over 1920,0	...	...	...	...	...	...	7,0	9,3	1,9
Percentage of households with average per capita cash income ¹ per month lower than subsistence level ⁴	52,8	45,1	69,8	35,3	29,1	49,3	20,2	14,1	33,6

¹ See the first footnote to Table 18.17² See the second footnote to Table 18.17³ See the third footnote to Table 18.17⁴ See the fourth footnote to Table 18.17

POPULATION INCOME AND EXPENDITURE

18.19. Households in 2008, by per capita money income, household size and number of children

(percent)

	All households	With average per capita cash income per month, 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	1,5	6,4	16,1	20,9	16,1	11,8
Breakdown by level of average per capita cash income of households consisting of							
one person	100,0	0,8	0,7	14,7	24,6	16,1	9,6
two persons	100,0	0,7	4,0	12,0	20,1	16,8	12,3
three persons	100,0	1,1	6,5	14,3	18,9	17,5	14,1
four persons	100,0	2,9	13,3	22,8	20,0	15,9	11,3
five persons and more	100,0	5,4	17,8	26,7	21,0	9,2	9,9
All households with children	100,0	3,1	12,7	22,1	20,1	14,7	11,6
Breakdown by level of average per capita cash income of households with							
one child	100,0	1,3	8,5	19,0	20,1	17,3	13,6
two children	100,0	5,9	21,4	29,6	21,6	9,1	7,1
three children	100,0	12,6	34,1	30,8	10,7	3,6	3,7
four or more children	100,0	40,7	32,2	23,9	3,2	—	—

Table 18.19 is continued

	With average per capita cash income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 626 UAH ¹
All households	8,2	5,7	3,7	2,6	7,0	20,2
Breakdown by level of average per capita cash income of households consisting of						
one person	9,3	5,7	4,7	2,8	11,0	9,9
two persons	9,0	7,1	5,3	3,4	9,3	13,5
three persons	9,6	6,5	3,5	2,9	5,1	19,3
four persons	4,8	3,6	1,6	1,3	2,5	35,3
five persons and more	3,9	2,7	0,7	0,3	2,4	46,5
All households with children	6,5	3,4	1,9	1,2	2,7	34,6
Breakdown by level of average per capita cash income of households with						
one child	8,4	4,3	2,3	1,7	3,5	25,6
two children	2,0	1,3	0,9	0,2	0,9	52,8
three children	1,6	1,8	1,1	—	—	74,1
four or more children	—	—	—	—	—	96,8

¹ The size of subsistence wage in the 4th quarter 2008

POPULATION INCOME AND EXPENDITURE

18.20. Structure of household money expenditure*(average monthly per one household)*

	2000			2007			2008		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total cash expenditure, UAH	417,7	457,6	329,6	1528,6	1675,1	1203,0	2317,2	2533,0	1837,2
	Percent								
Consumption cash expenditure	91,9	94,6	83,5	90,1	93,5	79,8	87,0	90,0	77,6
food products (including catering outside home, alcoholic beverages and tobacco)	62,7	64,5	57,2	53,2	55,2	47,1	51,2	52,6	45,9
manufactured goods and services	29,2	30,1	26,3	36,9	38,3	32,7	35,8	37,4	31,7
Cash support to relatives, friends and other persons	1,8	1,5	2,6	3,2	2,6	4,9	3,5	3,0	4,9
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	6,3	3,9	13,9	6,7	3,9	15,3	9,5	7,0	17,5

18.21. Structure of household money expenditure, by household size*(average monthly per one household)*

	2007						2008					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total cash expenditure, UAH	1528,6	816,1	1388,1	1840,1	1981,2	2263,1	2317,2	1220,4	2136,4	2781,0	3000,9	3375,2
	Percent											
Consumption cash expenditure	90,1	89,6	88,4	91,5	91,4	88,8	87,0	88,6	85,4	87,8	88,4	84,1
food products (including catering outside home, alcoholic beverages and tobacco)	53,2	56,6	54,9	51,4	52,3	51,9	51,2	57,4	52,1	50,2	49,2	48,4
manufactured goods and services	36,9	33,0	33,5	40,1	39,1	36,9	35,8	31,2	33,3	37,6	39,2	35,7
Cash support to relatives, friends and other persons	3,2	4,4	5,1	2,5	1,7	1,8	3,5	5,1	6,0	2,6	1,8	1,9
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	6,7	6,0	6,5	6,0	6,9	9,4	9,5	6,3	8,6	9,6	9,8	14,0

POPULATION INCOME AND EXPENDITURE

18.22. Structure of money expenditure for households with children, by number of children*(average monthly per one household)*

	2007					2008				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total cash expenditure, UAH	1871,0	1864,2	1893,0	1776,6	2009,1	2811,1	2848,8	2745,3	2616,2	2277,3
	Percent									
Consumption cash expenditure	91,4	92,0	90,1	90,2	85,1	88,2	89,0	86,3	85,8	88,2
food products (including catering outside home, alcoholic beverages and tobacco)	51,9	52,0	51,5	52,7	51,6	49,7	50,0	48,3	54,0	61,2
manufactured goods and services	39,5	40,0	38,6	37,5	33,5	38,5	39,0	38,0	31,8	27,0
Cash support to relatives, friends and other persons	1,8	2,0	1,6	1,3	0,9	1,8	1,8	1,7	1,3	0,8
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	6,8	6,0	8,3	8,5	14,0	10,0	9,2	12,0	12,9	11,0

18.23. Structure of household money expenditure in 2008, by per capita income*(average monthly per one household)*

	All households	With average per capita cash income per month, 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 cash expenditure, UAH	2317,2	975,3	1446,8	1632,6	1774,9	2099,6	2606,5
	Percent						
Consumption cash expenditure	87,0	92,0	89,5	89,9	89,1	89,5	88,4
food products (including catering outside home, alcoholic beverages and tobacco)	51,2	65,2	58,7	57,5	56,1	54,3	50,7
manufactured goods and services	35,8	26,8	30,8	32,4	33,0	35,2	37,7
Cash support to relatives, friends and other persons	3,5	1,3	1,5	2,2	3,2	3,2	3,3
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	9,5	6,7	9,0	7,9	7,7	7,3	8,3

POPULATION INCOME AND EXPENDITURE

Table 18.23 is continued

	With average per capita cash income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 626 UAH ¹
Total cash expenditure, UAH	2694,1	2911,3	3194,6	3604,2	4753,5	1559,2
	Percent					
Consumption cash expenditure	88,4	87,8	87,7	87,6	75,8	89,9
food products (including catering						
outside home, alcoholic beverages						
and tobacco)	52,0	51,3	47,6	48,9	36,5	58,1
manufactured goods and services	36,4	36,5	40,1	38,7	39,3	31,8
Cash support to relatives, friends						
and other persons	3,5	3,6	4,6	4,6	5,4	1,8
Other expenditure (on personal						
subsistence farms, purchase of shares						
and certificates, bank deposits,						
alimony, housing construction, etc.)	8,1	8,6	7,7	7,8	18,8	8,3

¹ See the footnote to Table 18.19**18.24. Population, by total per capita income¹**

(percent)

	2006			2007			2008		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total population	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
With average per capita total income ¹									
per month, UAH									
under 300,0	19,7	15,0	29,0	3,7	2,1	6,8	0,9	0,3	2,0
300,1–480,0	32,2	30,6	35,6	17,9	15,3	23,2	6,1	4,0	10,3
480,1–660,0	23,0	25,3	18,5	28,9	27,6	31,8	15,0	12,4	20,2
660,1–840,0	25,1 ²	29,1	16,9	21,2	21,5	20,6	19,5	17,8	23,3
840,1–1020,0	...	...	...	28,3 ³	33,5	17,6	18,2	18,3	18,2
1020,1–1200,0	...	...	...	...	...	...	12,7	14,1	9,8
1200,1–1380,0	...	...	...	...	...	...	9,3	10,4	6,9
1380,1–1560,0	...	...	...	...	...	...	5,9	7,1	3,4
1560,1–1740,0	...	...	...	...	...	...	3,7	4,2	2,6
1740,1–1920,0	...	...	...	...	...	...	2,6	3,3	1,2
over 1920,0	...	...	...	...	...	...	6,1	8,1	2,1
Quintile differentiation coefficient									
of cash income ¹ of the population,									
times	2,4	2,3	2,3	2,0	2,0	2,0	2,1	2,1	2,0
Correlation of cash income ¹ of 20%									
richest and 20% poorest people									
(quintile coefficient for funds), times	4,7	4,7	4,3	3,6	3,6	3,4	3,8	3,8	3,4
Percentage of people with average									
per capita cash income ¹ per month									
lower than subsistence level ⁴	50,9	44,6	63,9	29,3	25,4	37,5	18,1	13,4	27,8

¹ In 2000–2006 as the differentiation criterion the indicator “average per capita total expenditure” was used² See the second footnote to Table 18.17³ See the third footnote to Table 18.17⁴ See the fourth footnote to Table 18.17

POPULATION INCOME AND EXPENDITURE

18.25. Households, by total per capita income¹*(percent)*

	2006			2007			2008		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
All households	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
With average per capita total income ¹ per month, UAH									
under 300,0	14,3	11,2	21,2	2,7	1,8	4,8	0,6	0,3	1,4
300,1–480,0	30,1	28,4	33,7	13,6	12,2	16,9	4,3	3,1	7,2
480,1–660,0	24,2	25,3	21,5	28,6	27,6	30,4	11,6	10,0	15,2
660,1–840,0	31,4 ²	35,1	23,6	22,5	21,6	24,6	18,9	17,3	22,3
840,1–1020,0	...	...	...	32,6 ³	36,8	23,3	19,1	18,3	20,7
1020,1–1200,0	...	...	...	...	...	...	13,2	13,8	11,7
1200,1–1380,0	...	...	...	...	...	...	10,1	10,9	8,5
1380,1–1560,0	...	...	...	...	...	...	6,6	7,4	4,9
1560,1–1740,0	...	...	...	...	...	...	4,5	5,0	3,4
1740,1–1920,0	...	...	...	...	...	...	3,1	3,6	1,8
over 1920,0	...	...	...	...	...	...	8,0	10,3	2,9
Percentage of households with average per capita cash income ¹ per month lower than subsistence level ⁴									
	43,3	38,6	53,9	23,7	21,7	28,0	13,3	10,4	19,8

¹ See the first footnote to Table 18.24² See the second footnote to Table 18.17³ See the third footnote to Table 18.17⁴ See the fourth footnote to Table 18.17

POPULATION INCOME AND EXPENDITURE

18.26. Households in 2008, by total per capita income, household size and number of children

(percent)

	All households	With average per capita total income per month, 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	4,3	11,6	18,9	19,1	13,2
Breakdown by level of average per capita total income of households consisting of							
one person	100,0	0,3	0,7	4,4	19,7	20,8	13,2
two persons	100,0	0,3	2,7	7,2	16,3	19,7	14,0
three persons	100,0	0,5	4,3	12,0	17,9	19,1	14,4
four persons	100,0	1,1	8,7	21,7	22,5	17,7	12,2
five persons and more	100,0	2,4	12,8	26,2	21,9	14,5	9,0
All households with children	100,0	1,3	8,9	20,7	21,5	17,3	11,6
Breakdown by level of average per capita total income of households with							
one child	100,0	0,6	5,3	16,7	20,6	19,5	13,5
two children	100,0	2,5	15,6	29,5	25,4	13,0	7,7
three children	100,0	6,0	27,3	35,7	14,4	8,4	3,7
four or more children	100,0	14,3	45,1	37,9	2,7	—	—

Table 18.26 is continued

	With average per capita total income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 626 UAH ¹
All households	10,1	6,6	4,5	3,1	8,0	13,3
Breakdown by level of average per capita total income of households consisting of						
one person	11,1	7,8	5,5	3,5	13,0	3,4
two persons	11,4	7,6	6,1	4,0	10,7	7,7
three persons	11,8	7,0	4,4	2,9	5,7	13,7
four persons	5,9	3,6	2,1	2,0	2,5	26,3
five persons and more	5,7	4,0	0,5	0,4	2,6	35,1
All households with children	7,9	4,0	2,5	1,4	2,9	26,1
Breakdown by level of average per capita total income of households with						
one child	10,1	5,2	3,0	1,7	3,8	18,5
two children	2,7	1,0	1,3	0,4	0,9	41,4
three children	1,6	1,3	0,5	1,1	—	59,5
four and more children	—	—	—	—	—	87,8

¹ See the footnote to Table 18.19

POPULATION INCOME AND EXPENDITURE

18.27. Structure of total household expenditure*(average monthly per one household)*

	2000			2007			2008		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total expenditure, UAH	541,3	547,3	528,1	1722,0	1820,5	1503,1	2590,4	2750,7	2234,1
	Percent								
Total consumer expenditure	93,3	93,8	92,5	90,0	91,3	86,3	86,2	87,3	83,2
food products (including catering outside home, alcoholic beverages and tobacco)	67,9	65,3	74,1	55,8	54,3	59,3	53,0	51,8	56,5
manufactured goods and services	25,4	28,5	18,4	34,2	37,0	27,0	33,2	35,5	26,7
payment for housing, communal products and services	6,9	8,1	4,2	8,5	9,7	5,2	6,6	7,6	4,1
of which sum of benefits and subsidies	2,3	2,5	1,8	0,9	0,9	0,6	0,6	0,7	0,4
Non-consumption total expenditure	6,7	6,2	7,5	10,0	8,7	13,7	13,8	12,7	16,8

18.28. Structure of total household expenditure, by household size*(average monthly per one household)*

	2007						2008					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total expenditure, UAH	1722,0	917,4	1548,2	2029,3	2282,8	2641,6	2590,4	1358,4	2355,4	3090,0	3377,3	3919,8
	Percent											
Total consumer expenditure	90,0	90,6	89,1	90,6	89,3	90,6	86,2	89,1	85,6	85,5	87,2	84,5
food products (including catering outside home, alcoholic beverages and tobacco)	55,8	58,5	57,2	53,4	54,2	57,7	53,0	58,9	54,1	50,9	51,4	52,9
manufactured goods and services	34,2	32,1	31,9	37,2	35,1	32,9	33,2	30,2	31,5	34,6	35,8	31,6
payment for housing, communal products and services	8,5	11,7	9,2	8,4	7,1	6,4	6,6	9,5	6,9	6,6	5,7	4,9
of which sum of benefits and subsidies	0,9	2,1	1,1	0,4	0,5	0,6	0,6	1,5	0,8	0,3	0,3	0,4
Non-consumption total expenditure	10,0	9,4	10,9	9,4	10,7	9,4	13,8	10,9	14,4	14,5	12,8	15,5

POPULATION INCOME AND EXPENDITURE

18.29. Structure of total expenditure for households with children, by number of children*(average monthly per one household)*

	2007					2008				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total expenditure, UAH	2134,6	2097,6	2214,0	2116,3	2497,9	3176,2	3181,0	3174,2	3129,8	2968,4
	Percent									
Total consumer expenditure	90,2	90,2	89,9	91,7	91,3	86,6	87,0	85,5	87,8	90,4
food products (including catering outside home, alcoholic beverages and tobacco)	54,5	53,6	55,7	59,0	64,3	51,6	51,2	51,6	60,3	69,4
manufactured goods and services	35,7	36,6	34,2	32,7	27,0	35,0	35,8	33,9	27,5	21,0
payment for housing, communal products and services	7,7	8,2	6,6	6,8	3,6	6,2	6,4	5,7	5,2	5,2
of which sum of benefits and subsidies	0,4	0,4	0,4	0,6	0,1	0,3	0,3	0,2	0,2	0,2
Non-consumption total expenditure	9,8	9,8	10,1	8,3	8,7	13,4	13,0	14,5	12,2	9,6

18.30. Structure of total household expenditure in 2008, by different total per capita income*(average monthly per one household)*

	All households	With average per capita total income per month, 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	2590,4	1157,3	1550,9	1980,5	2011,9	2195,0	2585,9
	Percent						
Total consumer expenditure	86,2	93,4	94,5	92,7	90,2	89,0	88,3
food products (including catering outside home, alcoholic beverages and tobacco)	53,0	71,0	68,1	63,1	60,0	57,6	53,4
manufactured goods and services	33,2	22,4	26,4	29,6	30,2	31,4	34,9
payment for housing, communal products and services	6,6	5,4	7,4	6,9	7,0	7,1	7,0
of which sum of benefits and subsidies	0,6	0,3	0,5	0,5	0,7	0,8	0,7
Non-consumption total expenditure	13,8	6,6	5,5	7,3	9,8	11,0	11,7

POPULATION INCOME AND EXPENDITURE

Table 18.30 is continued

	With average per capita total income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 626 UAH ¹
Total expenditure, UAH	2887,1	2987,6	3315,0	3824,9	4872,9	1792,3
	Percent					
Consumption cash expenditure	85,6	86,4	85,0	85,0	73,4	93,6
food products (including catering outside home, alcoholic beverages and tobacco)	52,3	52,0	48,0	48,0	36,6	65,4
manufactured goods and services	33,3	34,4	37,0	37,0	36,8	28,2
payment for housing, communal products and services	6,4	6,3	6,5	6,2	5,7	6,9
of which						
sum of benefits and subsidies	0,6	0,6	0,6	0,4	0,4	0,4
Non-consumption total expenditure	14,4	13,6	15,0	15,0	26,6	6,4

¹ See the footnote to Table 18.19**18.31. Structure of household expenditure in 2008, by basic consumption expenditure**

(average monthly per one household)

	Total expenditure			Cash expenditure		
	all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural
Total expenditure, UAH	2590,4	2750,7	2234,1	2317,2	2533,0	1837,2
	Percent					
Consumption expenditure	86,2	87,3	83,2	87,0	90,0	77,6
food goods and non-alcoholic beverages	48,9	47,3	53,5	46,7	48,0	42,5
alcohol	1,4	1,5	1,2	1,5	1,5	1,3
tobacco	0,8	0,8	0,7	0,9	0,9	0,8
clothing and footwear	5,9	6,0	5,5	6,6	6,6	6,7
housing, water, electricity, gas and other fuel	9,1	9,8	7,0	9,5	10,1	7,9
furniture, personal effects, household appliances and daily household services	2,8	2,8	2,8	3,1	3,0	3,4
health care	2,7	2,7	2,8	2,8	2,6	3,2
transport	4,0	4,2	3,6	4,3	4,4	4,2
communications	2,3	2,6	1,5	2,6	2,8	1,8
recreation and culture	2,5	3,0	1,2	2,8	3,2	1,5
education	1,3	1,5	0,7	1,4	1,6	0,9
hotels, cafes and restaurants	2,4	2,8	1,2	2,5	2,9	1,5
other goods and services	2,1	2,3	1,5	2,3	2,4	1,9

POPULATION INCOME AND EXPENDITURE

18.32. Structure of household money income*(average monthly per one household)*

	2000			2007			2008		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total cash income, UAH	288,0	306,4	247,3	1791,6	1929,9	1484,4	2541,4	2766,8	2040,2
	Percent								
Labour remuneration	54,6	61,9	34,5	56,9	62,7	40,1	56,1	61,5	40,0
Income from entrepreneurship and self-employment	3,5	3,9	2,5	5,9	6,3	4,7	6,0	6,3	4,8
Income from sales of agricultural products	7,8	1,5	24,9	4,0	0,4	14,4	3,7	0,4	13,6
Cash pensions, stipends and benefits	23,3	22,3	26,4	25,8	23,5	32,4	26,4	24,2	33,1
Cash support from relatives and other individuals and other cash income	10,8	10,4	11,7	7,4	7,1	8,4	7,8	7,6	8,5

18.33. Structure of household money income, by household size*(average monthly per one household)*

	2007						2008					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total cash income, UAH	1791,6	821,9	1595,7	2194,7	2395,3	2894,5	2541,4	1186,6	2311,6	3074,7	3367,7	4034,0
	Percent											
Labour remuneration	56,9	31,0	45,1	66,8	67,0	60,7	56,1	30,1	44,6	66,8	65,8	59,5
Income from entrepreneurship and self-employment	5,9	2,6	3,2	7,6	7,6	6,4	6,0	3,5	3,9	7,3	8,0	5,4
Income from sales of agricultural products	4,0	3,1	4,3	3,4	4,6	5,0	3,7	3,1	3,7	3,0	4,1	5,2
Cash pensions, stipends and benefits	25,8	48,3	40,0	15,2	14,8	23,3	26,4	49,6	39,3	16,3	15,1	24,2
Cash support from relatives and other individuals and other cash income	7,4	15,0	7,4	7,0	6,0	4,6	7,8	13,7	8,5	6,6	7,0	5,7

POPULATION INCOME AND EXPENDITURE

18.34. Structure of money income for households with children, by number of children*(average monthly per one household)*

	2007					2008				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total cash income, UAH	2206,9	2211,5	2223,7	1964,8	2156,7	3096,5	3156,7	2969,8	2964,1	2258,7
	Percent									
Labour remuneration	64,7	67,5	59,9	51,3	39,9	64,9	67,4	60,0	52,2	33,9
Income from entrepreneurship and self-employment	8,5	8,3	8,8	9,5	12,1	8,0	8,0	8,4	4,5	8,9
Income from sales of agricultural products	4,3	3,4	6,1	7,3	12,6	4,0	3,3	5,6	7,5	5,2
Cash pensions, stipends and benefits	14,6	13,4	16,2	21,7	28,8	14,5	13,7	15,5	24,4	42,2
Cash support from relatives and other individuals and other cash income	7,9	7,4	9,0	10,2	6,6	8,6	7,6	10,5	11,4	9,8

18.35. Structure of household money income in 2008, by per capita money income*(average monthly per one household)*

	all households	With average per capita cash income per month, 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 cash income, UAH	2541,4	840,9	1432,3	1676,9	1887,1	2308,9	2883,7
	Percent						
Labour remuneration	56,1	41,0	47,8	49,5	49,3	55,2	60,2
Income from entrepreneurship and self-employment	6,0	1,9	3,1	3,7	3,3	4,7	6,5
Income from sales of agricultural products	3,7	14,0	9,5	5,6	4,7	4,1	3,6
Cash pensions, stipends and benefits	26,4	29,3	29,6	33,3	35,4	28,5	23,4
Cash support from relatives and other individuals and other cash income	7,8	13,8	10,0	7,9	7,3	7,5	6,3

POPULATION INCOME AND EXPENDITURE

Table 18.35 is continued

	With average per capita cash income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 626 UAH ¹
Total cash income, UAH	3006,7	3467,0	3517,2	4040,4	5465,8	1568,6
	Percent					
Labour remuneration	61,8	63,0	63,5	64,0	56,0	49,8
Income from entrepreneurship and self-employment	5,2	6,5	5,9	10,6	10,8	3,5
Income from sales of agricultural products	2,6	2,2	3,0	1,3	1,5	7,5
Cash pensions, stipends and benefits	22,9	22,7	21,0	19,3	20,1	30,5
Cash support from relatives and other individuals and other cash income	7,5	5,6	6,6	4,8	11,6	8,7

¹ See the footnote to Table 18.19**18.36. Structure of household total resources**

(average monthly per one household)

	2000			2007			2008		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total resources, UAH	422,9	406,8	458,4	2012,1	2097,5	1822,4	2892,8	3064,7	2510,6
	Percent								
Cash income	68,1	75,3	54,0	89,0	92,0	81,5	87,9	90,3	81,3
labour remuneration	37,1	46,6	18,7	50,6	57,7	32,7	49,4	55,6	32,5
income from entrepreneurship and self-employment	2,4	3,0	1,4	5,2	5,7	3,8	5,3	5,8	3,9
income from sales of agricultural products	5,3	1,1	13,4	3,6	0,4	11,7	3,3	0,3	11,1
cash pensions, stipends and benefits	15,9	16,7	14,2	23,0	21,6	26,6	23,1	21,9	27,0
cash support from relatives and other individuals and other cash income	7,4	7,9	6,3	6,6	6,6	6,7	6,8	6,7	6,8
Value of consumed products that were produced at private subsistence farms or individually procured	17,1	8,0	34,9	4,8	1,6	12,8	4,0	1,3	11,2
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	2,9	3,3	2,0	0,7	0,9	0,5	0,5	0,6	0,4
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc. as well as to pay for transport and communication services ¹	0,9	1,2	0,3	0,5	0,6	0,2	0,5	0,6	0,3
Other receipts	11,0	12,2	8,8	5,0	4,9	5,0	7,1	7,2	6,8

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

POPULATION INCOME AND EXPENDITURE

18.37. Structure of household total resources, by household size

(average monthly per one household)

	2007						2008					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total resources, UAH	2012,2	942,7	1784,3	2404,2	2726,4	3332,7	2892,8	1358,8	2606,9	3494,1	13841,9	4652,2
	Percent											
Cash income	89,0	87,2	89,4	91,3	87,9	86,9	87,9	87,3	88,7	88,0	87,7	86,7
labour remuneration	50,6	27,1	40,4	60,9	58,9	52,8	49,4	26,2	39,6	58,9	57,8	51,7
income from entrepreneurship and self- employment	5,2	2,3	2,9	7,0	6,7	5,6	5,3	3,0	3,4	6,5	7,1	4,7
income from sales of agricultural products	3,6	2,7	3,9	3,1	4,0	4,3	3,3	2,6	3,3	2,7	3,6	4,5
cash pensions, stipends and benefits	23,0	42,0	35,5	13,9	13,0	20,3	23,1	43,4	34,9	14,3	13,2	20,9
cash support from relatives and other individuals and other cash income	6,6	13,1	6,7	6,4	5,3	3,9	6,8	12,1	7,5	5,6	6,0	4,9
Value of consumed products that were produced at private subsistence farms or individually procured	4,8	4,8	4,8	3,3	4,5	7,5	4,0	4,4	4,0	2,8	4,0	6,2
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,7	2,1	1,0	0,4	0,4	0,4	0,5	1,5	0,7	0,3	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	0,7	0,6	0,4	0,5	0,6	0,5	0,7	0,5	0,4	0,6	0,4
Other receipts	5,0	5,2	4,2	4,6	6,7	4,6	7,1	6,1	6,1	8,5	7,4	6,3

POPULATION INCOME AND EXPENDITURE

18.38. Structure of total resources of households with children, by number of children*(average monthly per one household)*

	2007					2008				
	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	2501,1	2475,3	2572,7	2340,7	2742,9	3536,2	3573,0	3458,7	3474,4	2940,4
	Percent									
Cash income	88,2	89,3	86,4	83,9	78,6	87,6	88,3	85,9	85,3	76,8
labour remuneration	57,1	60,3	51,7	43,2	31,3	56,9	59,6	51,5	44,6	26,1
income from entrepreneurship and self-employment	7,5	7,3	7,6	7,9	9,6	7,1	7,1	7,3	3,8	6,9
income from sales of agricultural products	3,8	3,0	5,3	6,1	9,9	3,5	2,9	4,8	6,4	4,0
cash pensions, stipends and benefits	12,8	12,0	14,0	18,2	22,6	12,7	11,9	13,2	20,9	32,4
cash support from relatives and other individuals and other cash income	7,0	6,7	7,8	8,5	5,2	7,4	6,8	9,1	9,6	7,4
Value of consumed products that were produced at private subsistence farms or individually procured	4,8	3,8	6,6	9,5	14,0	4,0	3,2	5,5	9,3	17,0
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,4	0,4	0,3	0,6	0,1	0,3	0,3	0,2	0,3	0,2
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	0,5	0,7	0,5	0,0	0,5	0,6	0,6	0,6	0,2
Other receipts	6,0	6,0	6,0	5,5	7,3	7,6	7,6	7,8	4,5	5,8

POPULATION INCOME AND EXPENDITURE

18.39. Structure of household total resources in 2008, by total per capita income*(average monthly per one household)*

	All house- holds	With average per capita total income per month, UAH												for refe- rence: under 626 UAH¹
		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		
Total resources, UAH	2892,8	990,2	1521,4	2069,9	2125,7	2409,1	2895,4	3223,6	3522,6	3800,2	4334,7	5924,0	1835,1	
		Percent												
Cash income	87,9	78,3	83,5	85,0	87,1	88,3	88,9	88,1	91,2	88,1	89,5	87,1	84,0	
labour remuneration	49,4	32,9	41,4	45,9	44,8	47,5	50,3	52,6	55,8	53,9	56,4	48,3	44,4	
income from entrepreneurship and self-employment	5,3	1,7	2,2	3,1	3,1	3,9	5,5	4,7	5,3	5,4	7,7	9,2	3,0	
income from sales of agricultural products	3,3	8,6	6,7	4,7	4,2	3,4	3,6	3,0	2,2	2,9	2,5	1,6	5,5	
cash pensions, stipends and benefits	23,1	24,2	24,2	24,1	28,9	27,2	23,8	20,8	22,5	20,5	17,2	18,3	23,4	
cash support from relatives and other individuals and other cash income	6,8	10,9	9,0	7,2	6,1	6,3	5,7	7,0	5,4	5,4	5,7	9,7	7,7	
Value of consumed products that were produced at private subsistence farms or individually procured	4,0	12,7	10,5	7,6	5,5	4,8	3,9	3,6	2,7	2,4	2,0	1,0	8,7	
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,5	0,3	0,5	0,4	0,6	0,7	0,7	0,5	0,5	0,5	0,4	0,3	0,4	
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc. as well as to pay for transport and communication services	0,5	0,0	0,2	0,3	0,5	0,4	0,5	0,6	0,8	0,6	0,8	0,5	0,2	
Other receipts	7,1	8,7	5,3	6,7	6,3	5,8	6,0	7,2	4,8	8,4	7,3	11,1	6,7	

¹ See the footnote to Table 18.19

POPULATION INCOME AND EXPENDITURE

18.40. Foodstuffs consumed by households*(average monthly per capita; kg)*

	2000			2007			2008		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		in urban	in rural		in urban	in rural		in urban	in rural
Meat and meat products	3,3	3,3	3,2	5,1	5,5	4,1	5,1	5,5	4,0
Milk and dairy products	17,1	15,4	20,5	22,1	21,7	22,8	22,6	22,6	22,5
Eggs, pcs	18	20	16	20	21	18	20	21	18
Fish and fish products	1,3	1,4	1,1	1,9	2,0	1,7	2,1	2,3	1,9
Sugar	3,5	3,5	3,5	3,2	3,1	3,4	3,4	3,3	3,7
Sunflower-seed oil and other vegetables oils	1,8	1,9	1,6	1,7	1,7	1,7	1,8	1,8	1,7
Potatoes	10,4	9,0	13,1	8,3	7,1	11,0	8,4	7,2	10,6
Vegetables, melons and gourds	9,5	9,7	9,3	8,7	8,6	8,9	9,3	9,3	9,2
Fruit, berries, nuts and grapes	2,5	2,7	1,9	3,6	4,2	2,1	3,7	4,4	2,3
Bread and bakery products	10,7	10,5	11,2	9,6	8,7	11,4	9,6	8,6	11,5

18.41. Foodstuffs consumed by households, by household size*(average monthly per capita; kg)*

	2007						2008					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Meat and meat products	5,1	6,5	6,1	5,0	4,3	3,9	5,1	6,7	6,0	5,1	4,3	3,6
Milk and dairy products	22,1	31,4	25,3	20,2	19,1	19,2	22,6	33,5	25,9	20,9	19,2	18,7
Eggs, pcs	20	21	23	20	19	17	20	21	23	20	19	17
Fish and fish products	1,9	2,8	2,4	1,8	1,6	1,4	2,1	3,2	2,7	2,1	1,7	1,5
Sugar	3,2	4,7	4,0	2,9	2,6	2,6	3,4	5,0	4,1	3,2	2,8	2,7
Sunflower-seed oil and other vegetables oils	1,7	2,7	2,0	1,6	1,4	1,3	1,8	2,9	2,1	1,7	1,4	1,3
Potatoes	8,3	10,7	9,6	7,4	7,4	8,6	8,4	11,0	9,3	7,4	7,5	8,4
Vegetables, melons and gourds	8,7	12,2	10,6	8,1	7,2	7,0	9,3	13,4	11,1	8,8	7,6	7,2
Fruit, berries, nuts and grapes	3,6	4,3	4,0	3,7	3,2	2,7	3,7	4,8	4,0	4,0	3,3	2,7
Bread and bakery products	9,6	14,3	11,3	8,4	8,1	8,3	9,6	14,7	11,2	8,5	8,0	8,2

POPULATION INCOME AND EXPENDITURE

18.42. Foodstuffs consumed by households with children, by number of children within household*(average monthly per capita; kg)*

	2007					2008				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Meat and meat products	4,3	4,5	3,8	3,3	2,8	4,2	4,7	3,6	3,1	2,8
Milk and dairy products	19,1	19,3	19,0	16,2	17,8	19,1	19,9	17,7	19,0	18,2
Eggs, pcs	19	20	17	16	15	19	20	17	16	15
Fish and fish products	1,5	1,6	1,3	1,3	0,9	1,7	1,8	1,4	1,3	1,1
Sugar	2,6	2,7	2,5	2,4	2,5	2,8	3,0	2,6	2,7	2,8
Sunflower-seed oil and other vegetables oils	1,4	1,5	1,3	1,1	1,2	1,5	1,5	1,3	1,3	1,2
Potatoes	7,4	7,1	7,6	8,8	10,7	7,5	7,4	7,2	8,7	9,7
Vegetables, melons and gourds	7,2	7,5	6,7	5,9	6,5	7,6	8,1	6,7	6,7	5,8
Fruit, berries, nuts and grapes	3,2	3,5	2,9	2,4	2,2	3,4	3,7	2,9	2,6	2,4
Bread and bakery products	8,0	8,0	7,7	7,8	9,6	7,9	8,0	7,7	8,5	9,6

18.43. Foodstuffs consumed by households in 2008, by total per capita income*(average monthly per capita; kg)*

	All households	With average per capita total income per month, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
Meat and meat products	5,1	1,6	2,6	3,6	4,4	4,9	5,4
Milk and dairy products	22,6	9,4	14,2	17,6	21,1	22,9	23,7
Eggs, pcs	20	11	16	18	20	20	21
Fish and fish products	2,1	1,1	1,2	1,6	2,0	2,2	2,3
Sugar	3,4	1,9	2,6	2,9	3,3	3,5	3,6
Sunflower-seed oil and other vegetables oils	1,8	1,1	1,4	1,5	1,8	1,8	1,8
Potatoes	8,4	7,4	7,6	8,3	8,6	8,7	8,4
Vegetables, melons and gourds	9,3	4,9	6,2	7,5	8,6	9,5	9,7
Fruit, berries, nuts and grapes	3,7	1,0	1,7	2,5	3,0	3,5	3,9
Bread and bakery products	9,6	7,7	8,6	8,9	9,9	9,8	9,6

POPULATION INCOME AND EXPENDITURE

Table 18.43 is continued

	With average per capita total income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 626 UAH ¹
Meat and meat products	6,1	6,4	6,9	7,2	7,5	3,1
Milk and dairy products	26,0	25,6	27,5	28,8	30,3	15,9
Eggs, pcs	22	22	21	23	22	16
Fish and fish products	2,6	2,6	2,8	3,0	2,9	1,4
Sugar	3,8	3,8	3,9	3,8	3,8	2,7
Sunflower-seed oil and other vegetables oils	2,0	1,9	1,9	2,0	2,0	1,4
Potatoes	8,6	8,1	8,5	8,2	8,1	8,1
Vegetables, melons and gourds	10,6	10,8	11,4	11,4	11,4	6,8
Fruit, berries, nuts and grapes	4,6	4,8	5,5	6,1	6,7	2,1
Bread and bakery products	10,0	9,8	10,1	9,3	9,2	8,7

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)

	2007						with average per capita total income per month lower than subsistence level ¹
	all house-holds	including by quintile (20%) groups					
		first	second	third	fourth	fifth	
Meat and meat products	5,1	3,5	4,5	5,0	5,8	6,7	3,6
Milk and dairy products	22,1	16,9	21,1	22,9	24,3	27,0	17,3
Eggs, pcs	20	17	19	20	21	22	18
Fish and fish products	1,9	1,4	1,8	2,0	2,1	2,5	1,5
Sugar	3,2	2,7	3,2	3,4	3,5	3,6	2,7
Sunflower-seed oil and other vegetables oils	1,7	1,5	1,7	1,8	1,8	1,8	1,5
Potatoes	8,3	8,1	8,5	8,9	8,4	8,1	8,0
Vegetables, melons and gourds	8,7	6,7	8,2	9,1	9,6	10,6	6,9
Fruit, berries, nuts and grapes	3,6	2,2	3,0	3,4	4,2	5,6	2,2
Bread and bakery products	9,6	8,8	10,0	10,2	9,7	9,4	9,0

POPULATION INCOME AND EXPENDITURE

Table 18.44 is continued

	2008						with average per capita total income per month lower than subsistence level ¹
	all house-holds	including by quintile (20%) groups					
		first	second	third	fourth	fifth	
Meat and meat products	5,1	3,3	4,5	5,1	5,8	7,1	3,1
Milk and dairy products	22,6	16,9	21,5	23,3	25,1	28,4	15,9
Eggs, pcs	20	17	20	20	22	22	16
Fish and fish products	2,1	1,5	2,0	2,2	2,4	2,8	1,4
Sugar	3,4	2,9	3,4	3,5	3,7	3,9	2,7
Sunflower-seed oil and other vegetables oils	1,8	1,5	1,8	1,8	1,9	2,0	1,4
Potatoes	8,4	8,2	8,6	8,6	8,3	8,3	8,1
Vegetables, melons and gourds	9,3	7,2	8,8	9,7	10,1	11,3	6,8
Fruit, berries, nuts and grapes	3,7	2,3	3,1	3,6	4,4	5,9	2,1
Bread and bakery products	9,6	8,9	9,9	9,9	9,7	9,7	8,7

¹ In the 4th quarter 2007 – 532 UAH, in the 4th quarter 2008 – 626 UAH

18.45. Foodstuffs consumed

(per capita per year; kg)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Meat and meat products (including lard and offal) on meat base	68	39	33	31	33	35	39	39	42	46	51
Milk and dairy products on milk base	373	244	199	205	225	226	226	226	235	225	214
Eggs, pcs	272	171	166	180	209	214	220	238	251	252	260
Fish and fish products	17,5	3,6	8,4	11,0	11,9	12,0	12,3	14,4	14,1	15,3	17,5
Sugar	50	32	37	40	36	36	38	38	40	40	41
Oil	11,6	8,2	9,4	10,0	10,7	11,3	13,0	13,5	13,6	14,3	15,0
Potatoes	131	124	135	140	133	138	141	136	134	130	132
Vegetables, melons and gourds	102	97	102	105	108	114	115	120	127	118	129
Fruit, berries and grapes (excluding processed for wine)	47	33	29	26	29	33	34	37	35	42	44
Bakery products (bread, pasta on flour base; flour, cereals and legume crops)	141	128	125	130	131	125	126	124	120	116	115

POPULATION INCOME AND EXPENDITURE

18.46. Consumed nutrients¹

(per capita per day)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Calories, kcal	3597	2696	2661	2758	2800	2798	2910	2916	2935	2940	2998
Proteins, g	105,3	77,7	73,4	75,9	78,6	77,7	79,3	79,7	80,0	79,0	80,3
Fat, g	124,0	77,1	71,7	73,2	78,3	80,9	87,8	89,7	92,5	95,5	99,5
Calcium, mg	1362	954	825	850	914	919	923	927	954	921	902
Iron, mg	25,0	20,2	19,4	19,9	20,3	20,1	20,5	20,5	20,3	20,0	20,3
Retinol, µg	1863	1217	1004	1037	1142	1150	1152	1156	1204	1158	1112
Equivalent of beta-carotene, µg	1528	1431	1472	1514	1569	1646	1670	1735	1824	1711	1848
Equivalent of retinol and beta-carotene (RET+1/6B-CAREQ), µg	2115	1455	1249	1290	1403	1424	1430	1446	1507	1443	1419
Thiamine, mg	2,30	1,86	1,81	1,85	1,87	1,84	1,88	1,90	1,90	1,87	1,89
Riboflavin, mg	3,46	2,57	2,27	2,32	2,47	2,50	2,54	2,51	2,60	2,57	2,57
Niacin, mg	22,4	17,3	16,8	17,1	17,5	17,5	17,9	17,9	18,1	18,1	18,8
Ascorbic acid, mg	123	98	100	101	102	108	110	111	111	110	115

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 durables¹ in households²

(average per 100 households; pcs)

	2000	2001	2002	2003	2004	2005	2006	2008
Refrigerators and freezers	94	93	94	95	96	99	100	106
Washing machines	74	74	74	75	74	77	78	84
Vacuum cleaners	56	55	54	56	56	62	64	74
Electric irons	98	98	99	98	96	98	98	100
CD-players	...	...	...	...	3	7	12	25
Colour TV sets	69	71	74	79	83	91	96	107
Black-and-white TV sets	36	32	29	24	20	15	12	6
Videocassette recorders	13	13	14	16	17	22	21	21
Audiocassette recorders	43	43	41	39	35	34	27	20
Music centers	3	3	4	6	8	11	13	17
Cameras	22	23	25	27	30	36	35	38
Computers	1	2	3	4	6	9	12	22
Microwaves	1	2	3	3	5	9	14	29
Kitchen combines	3	3	4	4	3	5	5	9
Sewing machines	48	46	43	40	35	35	32	31
Motorbikes and bicycles	43	43	42	40	41	44	44	48
Motorcycles	7	6	5	5	4	4	3	3
Cars	17	16	16	16	16	16	17	20
Mobile phones	...	...	...	...	15 ³	44	81	149

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

² Since 2006, the polling of households regarding the availability of durables in them is conducted once every two years

³ Indicator is included into the program for household living conditions survey since 2004

POPULATION INCOME AND EXPENDITURE

18.48. Privately owned passenger cars, by region*(per 1000 population; pcs)*

	1990	1995	2000	2001	2002 ¹	2003 ¹	2004 ¹	2005 ¹	2006 ¹	2007 ¹	2008 ¹
Ukraine	63	87	104	105	108	105	108	113	115	122	132
Autonomous Republic of Crimea	83	110	119	126	124	127	126	127	119	119	125
oblasts											
Vinnitsya	56	81	101	103	100	106	94	104	104	112	102
Volyn	50	72	92	93	93	94	91	88	99	101	110
Dnipropetrovsk	73	96	106	107	112	116	106	118	119	134	144
Donetsk	63	79	102	102	101	106	107	102	107	104	125
Zhytomyr	49	70	90	90	95	83	99	99	105	113	124
Zakarpattia	64	94	92	92	95	96	103	115	118	117	132
Zaporizhzhya	96	121	144	145	146	161	166	170	167	166	165
Ivano-Frankivsk	39	68	86	86	90	96	96	98	99	106	124
Kyiv	59	91	115	114	131	65	132	144	122	158	168
Kirovohrad	75	90	121	109	103	102	89	87	93	110	115
Luhansk	73	89	95	100	104	88	112	115	119	124	133
Lviv	51	67	75	75	95	82	87	91	96	98	103
Mykolayiv	61	83	83	82	82	84	87	88	90	96	107
Odesa	69	83	102	103	108	98	97	87	80	100	109
Poltava	75	98	123	125	94	102	113	129	141	154	163
Rivne	37	58	76	74	76	95	88	91	82	88	94
Sumy	58	83	92	91	94	86	91	94	90	93	103
Ternopil	43	66	87	85	87	89	80	80	84	91	106
Kharkiv	68	95	108	116	119	122	121	124	125	124	132
Kherson	63	93	106	107	113	113	114	118	118	124	134
Khmelnyskiy	49	71	94	92	93	75	74	77	89	95	105
Cherkasy	68	110	117	121	120	121	121	118	126	130	135
Chernivtsi	52	90	108	104	105	98	96	98	98	99	102
Chernihiv	54	71	79	79	74	66	73	79	81	85	94
cities											
Kyiv	60	103	148	154	161	163	167	183	199	221	240
Sevastopol	87	113	125	128	133	162	79	144	146	147	155

¹ Data of the State Road Police of the Ministry of Home Affairs of Ukraine as of August 1

POPULATION INCOME AND EXPENDITURE

18.49. Liabilities of banks on the funds of natural persons¹*(in national and foreign currencies; end of year; mln. UAH)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	6780	11338	19302	32396	41611	73202	106715	164159	215087
In national currency	3481	6566	11601	18875	22116	42176	57837	99411	107526
In foreign currency	3299	4772	7701	13521	19495	31026	48878	64749	107561

¹ Here and elsewhere (Tables 18.50) data of the National Bank of Ukraine (due to automated rounding the sum of components may not equal to the total for some indicators), including interest accrued

18.50. Liabilities of banks on the funds of natural persons in 2008, by region*(in national and foreign currencies; end of year; mln. UAH)*

	Total	In national currency			In foreign currency		
		total	demand	time	total	demand	Time
Ukraine	215087	107526	25773	81753	107561	12375	95186
Autonomous Republic of Crimea	7942	3901	792	3109	4041	429	3612
oblasts							
Vinnitsya	3531	2019	372	1647	1512	139	1373
Volyn	2629	1536	198	1338	1093	74	1019
Dnipropetrovsk	21342	12429	4609	7820	8913	1750	7163
Donetsk	17143	9193	2070	7123	7950	577	7373
Zhytomyr	2505	1564	317	1247	941	71	869
Zakarpattia	2244	909	185	724	1335	116	1219
Zaporizhzhya	6349	3493	647	2845	2857	245	2612
Ivano-Frankivsk	3688	1848	344	1503	1840	137	1704
Kyiv	4291	2559	507	2052	1733	105	1628
Kirovohrad	1839	1119	204	915	721	55	666
Luhansk	4916	3084	710	2373	1833	144	1689
Lviv	13209	6021	1182	4839	7188	617	6571
Mykolayiv	3646	1884	335	1548	1763	202	1560
Odesa	11574	4160	1233	2928	7413	1098	6315
Poltava	5089	2960	469	2490	2129	121	2008
Rivne	2515	1368	270	1097	1147	108	1039
Sumy	2711	1629	357	1272	1082	82	1000
Ternopil	2852	1257	202	1055	1595	155	1440
Kharkiv	10064	5245	1148	4097	4819	543	4275
Kherson	2766	1422	278	1144	1344	177	1168
Khmelnyskiy	3231	1771	282	1490	1459	134	1325
Cherkasy	3665	2073	436	1638	1592	122	1470
Chernivtsi	2191	1045	177	868	1146	105	1041
Chernihiv	2623	1728	377	1350	896	64	832
city							
Kyiv	70532	31311	8070	23240	39221	5007	34214

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, old age and handicapped residential institutions, children's villages, 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 organizations.

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, organizations, departments, establishments (excluding public and communal), natural persons.

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 coefficient for terraces and balconies – 0,3; for loggias – 0,5; glassed-in balconies – 0,8; verandes and glassed-in loggias – 1,0.

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

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

Total living space excludes the size of the following places:

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

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

Inhabited localities equipped with services and utilities are the ones with centralised water supply and sewage system, i.e. cities, towns, and rural type settlements and villages, where water pipes and some water supply networks provide water to the population to meet the communal and domestic wants while the sewage facilities take away, in a centralised way, waste waters from residential buildings and communal utilities.

HOUSING CONDITIONS OF THE POPULATION

19.1. Housing stock*(mln.sq.m of total size)*

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Total housing stock	922,1	978,3	1015,0	1031,7	1035,7	1040,0	1046,4	1049,2	1057,6	1066,6
Average per 1 inhabitant, sq.m	17,8	19,2	20,7	21,3	21,6	21,8	22,0	22,2	22,5	22,8
Urban housing stock	574,3	616,6	643,2	658,4	661,7	664,5	669,9	671,3	677,6	684,3
Average per 1 urban inhabitant, sq.m	16,5	17,8	19,3	20,2	20,4	20,5	20,8	20,9	21,2	21,4
Rural housing stock	347,8	361,7	371,8	373,3	374,0	375,5	376,5	377,9	380,0	382,3
Average per 1 rural inhabitant, sq.m	20,6	21,9	23,5	23,7	24,0	24,4	24,6	25,0	25,4	25,8

19.2. Number of apartment applicants and improvement of housing conditions*(thsd.)*

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Families and single persons registered as requiring accommodations, end of year	2638	2411	1765	1533	1460	1414	1323	1300	1252	1216
Families and single persons who obtained accommodations during a year	235	82	32	25	25	23	20	20	17	17
percentage of those registered as requiring accommodations, end of the previous year	9,2	3,2	1,6	1,5	1,6	1,6	1,4	1,5	1,3	1,3

HOUSING CONDITIONS OF THE POPULATION

19.3. Allocation of housing to the some categories of population

	Families and single persons registered as requiring housing, end of year			Families and single persons who obtained housing and improved their housing conditions		
	2006	2007	2008	2006	2007	2008
Total	1299943	1251889	1216277¹	20485	16931	16682²
Public housing stock	1005426	969684	941061	19817	16580	16298
citizens provided with the right for top-priority receipt of housing	282574	274602	266342	6368	4809	4879
participants of war operations, war participants	20510	19530	17600	280	223	185
participants of war operations abroad	14063	13894	13375	492	384	420
military men transferred to reserve or retired	15952	14111	13397	841	588	460
large families (raising three and more children)	43821	42835	42128	615	531	581
single mothers	29750	29863	29776	427	379	453
dwellers of ramshackle and dangerous house	27577	25218	24058	859	722	717
sick persons (according to the established list)	27457	26643	26018	494	292	315
other categories	103444	102508	99990	2360	1690	1748
citizens provided with the right for out-of-turn receipt of housing	96249	94051	91732	3270	2846	2502
disabled war veterans	8841	8166	7801	233	222	200
families of dead military men and equated to them in rights	2639	2421	2323	83	81	82
families suffered as a result of Chornobyl Catastrophe (1 st and 2 nd categories)	30177	29379	28240	557	456	441
other categories	54592	54085	53368	2397	2087	1779
requiring housing citizens, registered in general list	626603	601031	582987	10179	8925	8917

HOUSING CONDITIONS OF THE POPULATION

Table 19.3 is continued

	Families and single persons registered as requiring housing, end of year			Families and single persons who obtained housing and improved their housing conditions		
	2006	2007	2008	2006	2007	2008
Cooperative housing	294517	282205	275164	668	351	377
citizens provided with the right for top-priority receipt of housing	49962	50363	49985	76	26	35
participants of war operations, war participants	3192	3012	3011	8	1	—
participants of war operations abroad	1871	1624	1618	2	1	5
military men transferred to reserve or retired	1384	971	968	5	1	—
large families (raising three and more children)	3629	4408	4338	15	11	5
single mothers	1922	2369	2402	5	—	5
dwellers of ramshackle and dangerous house	730	600	697	7	—	—
sick persons (according to the established list)	1461	1492	1472	6	—	2
other categories	35773	35887	35479	28	12	18
citizens provided with the right for out-of-turn receipt of housing	9921	10393	10070	46	2	1
disabled war veterans	732	622	603	2	—	—
families of dead military men and equated to them in rights	344	282	279	1	—	—
families suffered as a result of Chornobyl Catastrophe (1 st and 2 nd categories)	2669	2785	2775	4	—	1
other categories	6176	6704	6413	39	2	—
requiring housing citizens, registered in general list	234634	221449	215109	546	323	341
Of total number						
dwelling of communal flats	57759	53836	53280	762	664	765
dwelling of hostels	200241	185245	180309	4751	3115	3121
young families	119804	116555	121787	1862	1379	1782
number of the families in the waiting list that bought flats ³	×	×	×	947	623	811

¹ Including 52 families were registered to obtain individual apartments² Including 7 families that obtained individual apartments³ On own account of enterprises and organizations

HOUSING CONDITIONS OF THE POPULATION

19.4. Families and single persons registered as requiring housing in urban areas, by region
(thsd.)

	Public housing stock						Cooperative housing stock					
	1990	1995	2000	2005	2007	2008	1990	1995	2000	2005	2007	2008
Ukraine	2055,9	1866,4	1351,8	1022,7	957,6	928,8	537,0	503,9	397,0	288,5	282,1	275,1
Autonomous Republic of Crimea	91,0	80,1	55,0	49,4	49,3	48,8	31,8	30,2	26,0	24,5	24,6	24,5
oblasts												
Vinnitsya	51,8	52,7	40,7	23,6	23,1	22,8	11,9	13,1	11,2	9,7	9,6	8,8
Volyn	34,6	33,4	26,0	21,2	23,5	23,2	16,7	17,2	12,2	11,1	10,9	10,3
Dnipro-petrovsk	165,4	150,3	96,4	64,4	56,9	56,4	29,9	24,4	16,3	9,1	9,2	8,9
Donetsk	242,4	206,8	132,5	93,9	87,8	84,3	39,3	27,9	20,7	6,4	1,5	1,3
Zhytomyr	44,1	44,9	37,0	30,0	29,4	29,1	16,4	15,7	13,8	10,1	9,0	7,0
Zakarpattia	22,2	16,6	9,9	6,7	6,3	5,7	5,9	5,8	5,0	5,0	4,9	4,9
Zaporizhzhya	107,2	86,8	60,8	48,2	45,6	43,3	25,2	18,9	14,9	11,6	10,9	10,5
Ivano-Frankivsk	37,9	40,5	31,6	20,5	20,1	20,1	6,0	6,3	6,7	5,6	6,3	6,3
Kyiv	60,2	63,2	50,0	41,0	41,2	39,4	10,5	11,2	8,6	7,4	7,1	7,2
Kirovohrad	43,0	39,8	33,0	14,9	14,2	14,3	8,3	7,9	7,1	7,0	7,0	7,0
Luhansk	120,0	95,5	54,0	36,4	35,3	34,8	26,8	18,4	11,3	8,5	8,4	8,0
Lviv	118,6	100,0	81,3	57,0	54,4	52,7	36,5	35,3	25,5	22,2	22,5	22,3
Mykolayiv	53,1	48,7	34,4	24,4	23,2	22,7	6,1	6,5	5,9	3,4	3,7	3,7
Odesa	101,6	88,3	57,9	44,6	40,3	35,0	21,8	23,0	13,0	7,1	4,1	6,7
Poltava	60,9	55,3	35,7	25,2	23,8	23,1	12,6	12,5	9,2	4,2	3,6	3,4
Rivne	43,4	42,3	33,8	27,2	24,9	23,7	6,9	7,2	6,2	5,2	4,9	4,8
Sumy	70,5	65,5	54,4	42,8	41,2	40,8	19,0	19,4	17,8	16,1	21,5	19,2
Ternopil	32,0	26,1	19,2	17,3	14,1	13,7	10,8	11,3	11,5	9,4	9,6	8,9
Kharkiv	142,8	120,1	85,5	60,3	53,4	49,5	38,4	29,6	17,8	12,4	10,8	10,3
Kherson	51,1	43,1	25,4	18,7	17,6	17,6	12,8	12,6	7,7	5,1	4,5	4,5
Khmelnyskiy	55,3	55,5	42,9	32,3	30,1	29,6	23,7	23,4	22,5	21,7	22,0	22,1
Cherkasy	62,4	57,8	41,5	29,0	26,8	26,5	12,3	16,8	6,9	0,9	1,6	1,7
Chernivtsi	23,1	23,7	16,8	11,8	12,6	12,3	9,5	10,2	9,3	9,7	9,9	9,3
Chernihiv	41,0	36,2	28,2	24,2	21,0	20,6	7,7	5,3	3,4	3,0	2,4	2,3
cities												
Kyiv	155,7	171,0	151,8	145,2	129,0	125,9	74,6	80,0	76,9	46,3	46,3	46,3
Sevastopol	24,6	22,2	16,1	12,5	12,5	12,7	15,6	13,8	9,6	5,8	5,3	4,7

HOUSING CONDITIONS OF THE POPULATION

19.5. Families and single persons who obtained housing and improved their housing conditions in urban areas, by region

	Public housing stock						Cooperative housing stock					
	1990	1995	2000	2005	2007	2008	1990	1995	2000	2005	2007	2008
Ukraine	198332	68778	28869	19192	15966	15864	28753	8874	1902	416	351	357
Autonomous Republic of Crimea	8540	2721	1068	1007	1724	1704	743	417	5	—	—	—
oblasts												
Vinnitsya	6188	2046	781	825	700	878	1097	333	371	—	—	—
Volyn	3997	1794	729	327	355	395	574	325	32	1	—	—
Dnipro-petrovsk	21484	4981	2155	1825	813	484	1599	192	—	1	71	1
Donetsk	19424	7432	2861	2657	2365	2290	1937	140	1	39	—	249
Zhytomyr	5327	2119	577	415	306	831	1170	207	—	—	—	—
Zakarpattia	1836	349	312	93	159	97	417	16	—	18	27	2
Zaporizhzhya	7967	2759	1322	480	351	336	739	58	—	—	—	1
Ivano-Frankivsk	3758	2319	659	277	252	387	362	216	142	—	—	—
Kyiv	7926	3583	876	330	407	266	662	112	107	—	1	—
Kirovohrad	4864	1767	482	439	335	200	75	237	166	—	—	—
Luhansk	10817	3211	1875	1553	1461	1495	844	28	—	31	—	79
Lviv	9780	2293	1397	260	268	434	1154	460	91	8	77	11
Mykolayiv	6154	1814	741	457	399	330	565	255	68	6	24	5
Odesa	6256	2059	1161	646	738	378	1781	389	7	—	—	—
Poltava	5708	3033	1287	401	231	201	833	1013	129	43	—	—
Rivne	4335	1145	642	229	250	172	461	1	13	—	—	—
Sumy	5039	1812	921	380	257	184	827	209	280	—	—	—
Ternopil	3501	821	173	133	109	60	548	35	—	100	—	—
Kharkiv	12900	3220	1178	587	623	498	1193	158	152	28	53	—
Kherson	3590	805	402	154	150	142	1589	359	6	2	2	—
Khmelnyskiy	5009	2279	885	384	182	214	673	142	—	12	90	—
Cherkasy	4473	1850	653	392	170	331	968	242	131	125	—	3
Chernivtsi	2925	950	280	175	118	176	480	72	45	—	—	—
Chernihiv	4155	2211	792	340	113	113	438	—	123	—	—	—
cities												
Kyiv	20953	8892	4361	4291	2969	3105	6825	3103	33	1	1	—
Sevastopol	1426	513	299	135	161	163	199	155	—	1	5	6

HOUSING CONDITIONS OF THE POPULATION

19.6. Housing stock,

	Total housing stock					Including private housing stock				
	1990	1995	2000	2007	2008	1990	1995	2000	2007	2008
Ukraine	922094	978318	1014974	1057628	1066634	485378	636960	793199	964635	981332
Autonomous Republic of Crimea	31733	36738	37327	39726	39981	10718	22275	26641	34193	34766
oblasts										
Vinnitsya	39937	42011	42994	43472	43789	31234	35312	38004	41077	41614
Volyn	18300	19484	20164	21543	21788	12348	14885	16956	20384	20738
Dnipropetrovsk	69150	76685	77828	78525	78720	27158	42116	56319	69148	70291
Donetsk	95535	95464	98614	100657	100847	35469	53035	69549	86798	88679
Zhytomyr	28220	30555	31817	32874	33029	19518	22935	26162	30811	31138
Zakarpattia	21279	23621	25228	27205	27754	16866	20437	23277	26423	27033
Zaporizhzhya	36828	38200	39397	40510	40644	15876	21643	27999	36796	37514
Ivano-Frankivsk	25070	26746	28813	30898	31605	18458	21827	25877	29779	30555
Kyiv	39532	43339	46835	51451	52728	27198	32258	40103	48315	49501
Kirovohrad	23521	24494	24947	24683	24665	15352	18665	21177	23450	23534
Luhansk	52707	54058	54778	55232	55429	22014	34074	40082	48474	49469
Lviv	44083	47059	49988	52268	52867	23986	29904	40931	48193	49196
Mykolayiv	23470	23469	26009	25930	25913	12342	15526	21273	23579	23707
Odesa	45144	47728	48194	52013	53099	24065	29677	36649	46144	47254
Poltava	32819	34339	36333	36844	36951	19602	24181	29994	34072	34381
Rivne	20818	21900	22984	23912	24073	14317	16695	19602	22724	22971
Sumy	25775	26967	26948	27671	27694	15481	19146	21777	25635	25844
Ternopil	20726	21783	23490	24619	24791	15705	17965	21042	23885	24050
Kharkiv	53839	57454	59898	62354	62848	21237	30745	43930	56206	57327
Kherson	21940	23111	24436	24599	24877	11031	14233	19475	23187	23355
Khmelnyskiy	28867	30377	31708	32564	32828	21048	24120	27407	30971	31337
Cherkasy	30808	32316	33600	34014	33999	21490	24822	28815	32463	32580
Chernivtsi	16462	17852	18788	19773	20021	11639	14330	16674	19073	19371
Chernihiv	26324	27068	28045	29385	29581	18707	20786	23352	27393	27744
cities										
Kyiv	43630	47887	48857	57034	57955	1962	12590	26208	48621	50187
Sevastopol	5577	7613	6954	7872	8158	557	2778	3924	6841	7196

HOUSING CONDITIONS OF THE POPULATION

by region

(thsd.sq.m of total size)

Urban housing stock					Including private housing stock				
1990	1995	2000	2007	2008	1990	1995	2000	2007	2008
574331	616568	643229	677607	684276	178592	299348	437544	592418	606818
20718	24849	25143	26818	26966	4229	12846	16190	22197	22692
13364	14234	15420	15886	16174	6054	8500	11136	13868	14345
7837	8549	8872	9726	9887	2497	4257	5910	8644	8906
55259	62064	63166	63616	63773	15514	28961	42563	54709	55794
85467	85443	88251	90091	90275	27838	44312	60083	76686	78562
12927	14574	15684	16295	16410	5653	8389	10919	14804	15070
8128	8305	8571	9491	9715	3999	5342	6768	8868	9158
26232	27286	28325	29492	29634	7497	11930	17632	26102	26820
9620	10244	11096	12154	12635	3323	5518	8285	11086	11635
18556	21741	24031	26114	26591	8966	12349	18299	23461	23903
12570	13535	13817	14027	14100	5725	8377	10521	12962	13141
45225	46396	46870	47381	47615	16368	27224	32662	40818	41849
24364	25787	27721	28683	29041	5067	9389	19214	24958	25707
14257	14004	16607	16947	16961	5062	6906	12497	14873	15031
26252	28591	28784	32597	33413	7071	11620	17966	27102	28021
16415	17786	19486	19964	20045	5644	9014	14194	17697	17972
8696	9144	9769	10158	10260	2928	4465	6768	9133	9326
14377	15673	15870	16897	16968	5719	8679	11254	15030	15306
7447	7912	9064	9823	9941	2796	4324	6761	9152	9265
40968	44342	46267	48786	49232	11761	19667	31647	43213	44230
13055	13840	14679	15103	15350	4976	6232	10399	14074	14196
11053	12303	13589	14627	14826	3925	6534	9651	13190	13497
13817	15068	15709	16086	16047	5938	8410	11518	14749	14848
6314	6742	7013	7521	7637	1758	3426	5061	6899	7064
12206	13101	13928	14733	14996	5765	7552	9779	12965	13381
43630	47887	48857	57034	57955	1962	12590	26208	48621	50187
5577	7168	6640	7557	7829	557	2535	3659	6557	6912

HOUSING CONDITIONS OF THE POPULATION

19.7. Possession of housing by the

	1990			1995			2000		
	total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas
Ukraine	17,8	16,5	20,6	19,2	17,8	21,9	20,7	19,3	23,5
Autonomous Republic of Crimea	14,8	15,2	14,0	16,9	18,3	14,6	18,0	19,6	15,5
oblasts									
Vinnitsya	21,0	15,6	25,4	22,5	16,3	28,0	24,1	17,9	29,8
Volyn	17,2	14,6	19,7	18,2	15,4	21,1	19,2	16,3	22,3
Dnipropetrovsk	17,7	17,0	21,6	20,0	19,3	23,2	21,2	20,6	24,2
Donetsk	17,9	17,8	19,6	18,4	18,3	19,8	20,2	20,1	21,3
Zhytomyr	18,8	15,9	22,2	20,7	17,8	24,4	22,5	19,6	26,3
Zakarpattia	16,9	15,6	17,8	18,4	16,8	19,5	19,8	17,5	21,2
Zaporizhzhya	17,6	16,5	21,3	18,5	17,3	22,3	19,9	18,7	23,8
Ivano-Frankivsk	17,5	15,8	18,7	18,4	16,2	20,0	20,0	17,8	21,6
Kyiv	20,4	17,5	23,8	22,9	20,3	26,4	25,9	22,8	30,5
Kirovohrad	19,1	16,8	22,5	20,2	18,4	23,0	21,9	19,9	24,9
Luhansk	18,4	18,2	19,4	19,4	19,3	20,2	21,1	20,9	22,1
Lviv	16,1	14,8	17,9	17,2	15,5	19,8	18,6	17,1	21,1
Mykolayiv	17,5	16,1	20,3	17,5	15,9	20,6	20,2	19,6	21,4
Odesa	17,3	15,2	21,2	18,6	17,0	21,6	19,5	17,8	22,8
Poltava	18,7	16,5	21,7	19,8	17,7	22,7	21,9	20,0	24,7
Rivne	17,8	16,0	19,3	18,4	16,2	20,4	19,5	17,5	21,3
Sumy	18,1	16,1	21,5	19,4	17,6	22,6	20,5	18,6	24,0
Ternopil	17,7	15,2	19,5	18,6	15,6	20,9	20,5	18,0	22,5
Kharkiv	17,0	16,4	19,1	18,7	18,4	20,1	20,5	20,1	22,1
Kherson	17,5	16,9	18,5	18,3	17,9	19,0	20,2	19,8	20,8
Khmelnyskiy	19,1	15,0	23,0	20,2	15,9	24,7	22,0	17,7	26,8
Cherkasy	20,2	17,1	23,7	21,5	18,4	25,3	23,5	20,1	27,6
Chernivtsi	17,5	15,9	18,7	18,9	16,8	20,4	20,2	17,7	22,0
Chernihiv	18,8	15,9	22,3	20,1	17,1	24,0	22,2	18,7	27,2
cities									
Kyiv	16,7	16,7	—	18,4	18,4	—	18,7	18,7	—
Sevastopol	...	...	...	18,7	18,7	19,5	17,9	18,1	13,9

HOUSING CONDITIONS OF THE POPULATION

population, by region*(average per capita; sq.m of total size)*

2004			2005			2007			2008		
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
21,8	20,5	24,4	22,0	20,8	24,6	22,5	21,2	25,4	22,8	21,4	25,8
18,7	20,2	16,3	19,0	20,5	16,5	19,8	21,4	17,1	20,0	21,6	17,3
25,1	19,2	30,3	25,4	19,3	30,8	25,9	19,4	32,0	26,3	19,8	32,4
19,2	17,4	21,0	19,5	17,7	21,4	19,9	18,1	21,9	20,2	18,3	22,1
22,3	21,7	25,4	22,5	21,8	25,8	22,8	22,0	26,4	23,0	22,3	26,6
21,3	21,2	22,7	21,5	21,4	23,2	22,0	21,8	24,1	22,3	22,0	24,5
23,9	21,1	27,6	23,3	21,2	26,0	23,8	21,5	26,8	24,1	21,7	27,3
20,8	19,6	21,6	21,1	20,0	21,8	21,8	20,6	22,6	22,3	21,0	23,0
21,1	20,1	24,4	21,4	20,4	24,6	21,8	20,7	25,4	22,0	20,9	25,7
21,3	19,6	22,6	21,6	19,8	22,9	22,3	20,5	23,6	22,8	21,3	24,0
27,1	23,2	32,6	27,7	23,6	33,7	29,3	24,6	36,3	30,2	25,0	38,0
22,9	21,1	25,8	23,2	21,4	26,0	23,8	22,0	26,5	24,1	22,4	26,7
22,1	21,9	23,3	23,2	23,1	23,7	23,1	22,8	24,5	23,4	23,2	24,8
19,6	18,0	22,0	19,8	18,1	22,4	20,3	18,5	23,2	20,6	18,7	23,5
20,9	20,1	22,4	21,2	20,5	22,6	21,3	20,6	22,8	21,4	20,7	22,9
21,1	19,8	23,5	21,0	19,7	23,5	21,6	20,4	23,9	22,0	20,9	24,3
23,3	21,3	26,3	23,4	21,1	26,8	24,0	21,6	27,7	24,3	21,8	28,2
20,0	17,9	21,8	20,1	17,9	22,0	20,6	18,4	22,6	20,8	18,5	22,8
21,6	19,9	24,9	22,0	20,2	25,3	22,6	20,7	26,2	22,7	20,8	26,4
21,5	19,9	22,6	21,7	20,1	22,9	22,4	20,7	23,6	22,6	20,9	23,8
21,5	21,2	22,7	21,6	21,2	22,9	22,1	21,7	23,6	22,3	21,9	24,0
21,1	21,2	21,1	21,4	21,6	21,2	22,0	22,0	21,9	22,4	22,5	22,2
23,0	19,3	27,0	23,4	19,6	27,5	24,0	20,1	28,4	24,3	20,3	29,0
24,7	21,3	28,8	25,3	21,7	29,6	25,7	21,8	30,5	25,9	21,8	31,0
21,2	19,8	22,1	21,3	19,8	22,4	21,8	20,0	23,0	22,1	20,2	23,4
24,1	20,3	29,6	24,0	20,5	29,2	24,4	20,7	30,2	24,9	21,2	30,8
20,0	20,0	—	20,2	20,2	—	20,5	20,5	—	20,6	20,6	—
19,1	19,4	13,8	19,4	19,8	13,7	20,2	20,6	13,6	20,9	21,3	14,1

HOUSING CONDITIONS OF THE POPULATION

19.8. Housing stock facilities

(percent)

	1995		2000		2005		2007		2008	
	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	76,9	21,6	77,3	23,3
sewage	69,7	9,5	73,7	12,9	75,4	15,7	75,7	17,4	76,1	19,1
central heating	69,5	11,2	72,8	18,3	74,2	24,4	74,7	26,9	75,5	31,4
gas supply	80,2	79,4	81,6	82,5	81,8	84,1	82,2	84,5	82,3	84,5
hot water supply	54,1	2,7	58,4	4,3	59,7	5,4	59,4	6,3	60,3	7,5
baths	65,4	8,2	70,0	11,1	71,6	13,4	72,0	15,1	72,4	16,7
electric stoves for floor	4,5	0,2	4,8	0,1	5,3	0,1	5,4	0,1	5,5	0,1

19.9. Improving housing amenities in settlements

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Inhabited localities equipped with									
water supply									
cities	448	449	449	450	454	452	453	454	455
rural settlements of urban type	796	790	781	783	767	767	768	769	767
villages	6651	6616	6506	6490	6375	6308	6305	6280	6283
sewage									
cities	426	429	432	432	436	438	439	440	443
rural settlements of urban type	518	507	504	497	490	489	495	496	497
villages	841	834	834	813	792	746	744	742	737
gasified with the natural gas only and with the natural and liquefied gas ¹									
cities	387	395	394	402	407	411	417	418	420
rural settlements of urban type	476	486	508	519	533	545	573	592	602
villages	8086	8321	8799	8671	9444	10318	11661	12281	13018
gasified with the liquefied gas only ¹									
cities	57	53	53	49	45	42	36	34	32
rural settlements of urban type	384	376	355	341	328	316	295	238	221
villages	18807	18580	18050	18106	17318	16306	15172	14749	13964

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; while urban-type communities should have at least 50 apartments and rural-type communities at least 10 apartments. Since 2006, the inhabited localities gasified with the 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 gasified with the 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, and the localities gasified with the liquefied gas are those where at least one consumer uses the 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 graduates and doctoral students.

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

Secondary educational institutions include schools, lycees, gymnasiums, educational training complexes (associations), sanatorium schools of all levels as well as specialized 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 institutes are educational establishments which satisfy the needs of the population in vocational training and complete general education. The graduates from professional training institutes 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 that characterize admission to and graduation from institutions of higher education has undergone changes.

Thus, since the 2004/05 academic year, the section gives data on admissions to the primary cycle of education (i.e. students who just started their training at institutions of higher education) and graduations (excluding those who continue their training in order to receive a higher educational and qualification level).

EDUCATION

20.1. Pre-school educational institutions

(end of year)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total institutions, thsd.	24,5	21,4	16,3	15,7	15,3	15,0	14,9	15,1	15,1	15,3	15,4 ¹
in urban areas	11,9	10,5	7,4	7,1	6,9	6,7	6,7	6,7	6,6	6,6	6,7
in rural areas	12,6	10,9	8,9	8,6	8,4	8,3	8,2	8,4	8,5	8,7	8,7
Enrollment capacity of the institutions, thsd. places	2277	2014	1117	1077	1060	1053	1040	1056	1063	1084	1110 ²
in urban areas	1662	1463	832	808	790	782	767	773	780	789	808
in rural areas	615	551	285	269	270	271	273	283	283	295	302
Total children at the institutions, thsd.	2428	1536	983	968	973	977	996	1032	1081	1137	1195
in urban areas	1877	1222	824	811	809	807	820	840	877	916	959
in rural areas	551	314	159	157	164	170	176	192	204	221	236
Coverage of children by institutions, percentage of total children of the specified age	57	44	40	41	48	49	50	51	53	54	57
in urban areas	64	53	52	55	65	65	65	64	66	66	69
in rural areas	43	28	18	17	21	22	24	27	29	31	33
Children at the institutions per 100 places	107	76	88	90	92	93	96	98	102	105	108
in urban areas	113	84	99	100	102	103	107	109	112	116	119
in rural areas	90	57	56	58	61	63	65	68	72	75	78

¹ Of them 1,2 thsd. of non-functioning institutions. A third of the mentioned establishments (36%) has not been fit for training or undergone major repair, others (64%) were not functioning due to absence of children, lack of fuel, electric energy, funds, etc. 43% of establishments did not work for 6–10 years while 22% were idle for more than 10 years

² Excluding places at pre-school institutions that were not functioning for a year or more for any reason

EDUCATION

20.2. Pre-school educational institutions, by region

	Total institutions							Enrollment, thsd.						
	1990	1995	2000	2005	2006	2007	2008	1990	1995	2000	2005	2006	2007	2008
Ukraine	24525	21359	16347	15058	15080	15305	15414	2428,3	1535,6	983,0	1031,7	1081,0	1137,5	1194,5
Autonomous Republic of Crimea	1062	865	684	613	605	605	604	148,4	74,5	36,3	40,3	42,4	45,8	48,5
oblasts														
Vinnitsya	1127	983	695	644	652	678	682	83,6	55,7	37,8	39,0	41,0	43,1	44,5
Volyn	495	468	305	355	390	407	421	43,1	30,4	17,0	23,1	25,6	27,7	29,4
Dnipropetrovsk	1737	1579	1115	954	955	951	948	207,5	137,2	81,3	82,3	86,4	89,6	93,6
Donetsk	2337	2040	1402	1155	1151	1139	1146	267,2	164,4	107,0	105,7	108,0	112,7	117,6
Zhytomyr	830	595	482	575	584	599	601	61,6	39,9	28,4	29,8	31,6	33,3	34,9
Zakarpattia	668	613	505	506	518	521	528	51,0	31,4	20,1	26,9	29,0	30,5	32,8
Zaporizhzhya	991	851	655	544	526	522	521	114,0	69,9	44,2	44,4	46,1	47,8	49,3
Ivano-Frankivsk	438	363	285	283	293	308	319	39,9	25,9	17,5	20,0	21,5	23,4	24,9
Kyiv	957	887	776	710	703	702	709	91,7	61,5	44,5	44,9	47,1	49,3	52,5
Kirovohrad	833	696	566	505	525	526	523	67,5	40,8	23,5	24,0	24,9	25,6	26,4
Luhansk	1200	1012	644	576	575	576	548	131,2	71,7	41,4	42,8	44,3	46,0	47,7
Lviv	858	679	483	478	487	512	536	83,7	47,4	34,9	40,8	44,4	48,0	51,9
Mykolayiv	871	785	541	517	530	538	540	76,5	49,1	28,9	29,3	30,7	32,5	33,0
Odesa	1263	1094	735	743	746	743	754	128,8	74,6	45,4	51,7	55,0	59,5	63,5
Poltava	1080	979	747	599	587	590	598	80,0	56,8	36,3	34,3	35,6	36,4	37,9
Rivne	487	364	263	265	284	315	339	43,1	28,9	18,2	22,3	24,7	26,9	29,6
Sumy	780	684	590	415	414	454	467	71,2	41,9	29,9	28,5	29,0	31,0	31,9
Ternopil	676	553	474	499	448	478	498	40,5	26,7	19,1	21,6	22,0	23,5	25,1
Kharkiv	1349	1227	742	612	614	624	627	150,9	95,8	55,1	55,4	57,7	60,9	64,0
Kherson	779	670	561	487	487	488	491	76,3	42,4	26,6	27,1	29,3	30,2	31,6
Khmelnyskiy	864	767	757	806	802	808	810	66,3	46,5	34,1	36,6	37,6	39,0	40,1
Cherkasy	902	885	791	691	683	687	688	80,4	57,0	36,1	35,8	36,1	37,4	38,5
Chernivtsi	368	312	252	309	316	328	337	34,9	20,0	15,3	21,2	22,2	23,7	24,9
Chernihiv	763	550	520	461	450	446	416	56,3	34,7	21,9	22,7	23,3	23,9	25,3
cities														
Kyiv	805	742	687	671	670	675	678	132,0	95,0	72,2	70,6	74,4	78,2	83,0
Sevastopol	...	116	90	85	85	85	85	...	15,5	10,0	10,6	11,1	11,6	12,1

EDUCATION

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

(percentage of total children of the specified age)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008		
										total	in urban areas	in rural areas
Ukraine	57	44	40	48	49	50	51	53	54	57	69	33
Autonomous Republic of Crimea	68	50	37	45	45	46	48	50	51	54	70	31
oblasts												
Vinnitsya	58	43	38	46	47	49	51	53	55	57	76	38
Volyn	44	34	24	31	34	36	38	42	44	47	67	29
Dnipropetrovsk	65	55	48	60	59	58	58	60	60	63	69	34
Donetsk	63	54	53	61	60	61	62	63	63	67	70	41
Zhytomyr	52	38	35	40	41	43	47	49	51	54	75	26
Zakarpattia	43	29	25	32	34	35	37	40	40	44	61	34
Zaporizhzhya	66	51	49	60	60	60	59	60	60	63	74	30
Ivano-Frankivsk	31	22	20	23	25	27	28	30	32	34	60	16
Kyiv	57	48	48	57	57	58	59	61	61	66	76	49
Kirovohrad	68	47	39	50	50	51	53	55	56	58	74	34
Luhansk	59	42	39	49	49	50	51	52	52	54	59	23
Lviv	35	23	23	28	30	32	33	36	38	41	59	15
Mykolayiv	66	51	43	55	55	54	55	57	59	60	69	43
Odesa	60	43	37	44	45	47	49	51	52	56	67	40
Poltava	61	50	45	54	54	55	56	58	58	61	78	35
Rivne	40	29	23	27	28	30	32	35	38	42	71	21
Sumy	66	48	49	54	56	59	60	62	65	67	78	45
Ternopil	43	31	29	34	38	40	41	41	43	46	68	29
Kharkiv	62	52	46	54	52	53	53	54	55	58	66	28
Kherson	70	45	40	51	51	53	52	57	57	60	71	45
Khmelnyskiy	57	44	43	53	56	58	59	60	61	63	76	46
Cherkasy	68	56	49	59	59	62	65	67	68	70	83	54
Chernivtsi	43	27	26	36	37	40	45	47	50	52	78	37
Chernihiv	57	44	39	47	48	48	50	52	53	56	74	23
cities												
Kyiv	60	58	63	76	71	66	65	64	62	66	66	—
Sevastopol	...	59	63	79	74	71	68	67	66	69	71	47

EDUCATION

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

	Language of instruction											
	Ukrainian						Russian					
	1995	2000	2005	2006	2007	2008	1995	2000	2005	2006	2007	2008
Ukraine	66,0	78,0	84,2	84,6	85,0	85,6	33,0	21,6	15,2	14,8	14,4	13,8
Autonomous Republic of Crimea	0,2	2,8	3,6	3,7	3,7	3,6	99,3	96,3	95,3	95,2	95,4	95,4
oblasts												
Vinnitsya	99,9	100,0	99,9	100,0	100,0	100,0	0,1	—	0,0	—	—	—
Volyn	99,0	100,0	100,0	100,0	100,0	100,0	1,0	—	—	—	—	—
Dnipropetrovsk	77,0	84,5	89,2	89,0	89,7	90,2	23,0	15,5	10,8	11,0	10,3	9,8
Donetsk	10,0	34,5	65,9	68,4	70,6	72,9	90,0	65,5	34,1	31,6	29,4	27,1
Zhytomyr	98,0	99,8	100,0	100,0	100,0	100,0	2,0	0,2	—	—	—	—
Zakarpattia	89,0	90,2	88,6	88,9	88,8	89,3	1,0	0,6	0,5	0,5	0,5	0,4
Zaporizhzhya	36,0	62,9	77,4	78,7	79,9	81,8	64,0	37,1	22,6	21,3	20,1	18,2
Ivano-Frankivsk	99,8	100,0	100,0	100,0	100,0	100,0	0,2	—	—	—	—	—
Kyiv	97,0	99,6	99,9	99,9	99,9	99,95	3,0	0,4	0,1	0,1	0,1	0,05
Kirovohrad	96,0	98,2	99,2	99,2	99,2	99,2	4,0	1,8	0,8	0,8	0,8	0,8
Luhansk	14,0	19,7	35,6	34,8	36,1	37,5	86,0	80,3	64,4	65,2	63,9	62,5
Lviv	99,6	99,7	99,9	99,8	99,8	99,8	0,3	—	—	—	—	—
Mykolayiv	71,0	90,4	96,2	96,4	96,5	96,6	29,0	9,6	3,8	3,6	3,5	3,4
Odesa	33,0	62,9	72,9	74,6	74,6	78,0	66,0	35,4	25,5	23,7	23,7	20,3
Poltava	98,0	98,3	99,1	98,5	98,7	98,6	2,0	1,7	0,9	1,5	1,3	1,4
Rivne	99,6	99,9	100,0	100,0	100,0	100,0	0,4	0,1	—	—	—	—
Sumy	87,0	97,7	97,5	97,8	98,0	98,1	13,0	2,3	2,5	2,2	2,0	1,9
Ternopil	100,0	100,0	100,0	100,0	100,0	100,0	—	—	—	—	—	—
Kharkiv	48,0	82,7	88,7	88,9	88,4	88,8	52,0	17,3	11,3	11,1	11,6	11,2
Kherson	82,0	83,2	86,3	86,3	86,6	86,9	18,0	16,8	13,7	13,7	13,4	13,1
Khmelnyskiy	99,0	99,9	99,9	99,9	99,9	99,96	1,0	0,1	0,0	0,1	0,1	0,04
Cherkasy	99,6	99,9	99,9	100,0	100,0	100,0	0,4	0,1	0,1	—	—	—
Chernivtsi	92,0	93,6	91,3	91,5	91,5	92,1	0,5	0,2	—	—	—	—
Chernihiv	92,0	99,5	99,9	99,9	99,9	99,94	8,0	0,5	0,1	0,1	0,1	0,06
cities												
Kyiv	99,0	99,9	99,9	99,9	99,9	99,9	1,0	0,1	0,1	0,0	—	—
Sevastopol	1,0	1,6	2,0	2,4	3,3	3,7	99,0	98,4	98,0	97,6	96,7	96,3

At the end of 2008, 7 thsd. children in multi-national regions were taught in Hungarian, Romanian, Moldavian, Crimean Tatar, and other languages.

EDUCATION

20.5. Secondary educational institutions and institutions of higher education for 1914–2008
(beginning of academic year)

	Secondary educational institutions		Institutions of higher education			
	total	pupils, thsd.	1 st and 2 nd levels of accreditation		3 rd and 4 th levels of accreditation	
			total	students, thsd.	total	students, thsd.
1914/15	26069	2607	88	13	27	35
1940/41	32132	6830	693	196	173	197
1950/51	35961	7134	584	228	160	202
1955/56	34216	5882	635	375	134	326
1960/61	37660	6722	595	398	135	418
1965/66	34613	8671	697	646	132	690
1970/71	29791	8414	760	798	138	807
1975/76	25680	8063	730	784	142	831
1980/81	23042	7516	727	803	147	880
1985/86	21927	7249	731	809	146	853
1990/91	21825	7132	742	757	149	881
1995/96	22255	7143	782	618	255	923
2000/01	22210	6764	664	528	315	1403
2001/02	22194	6601	665	561	318	1548
2002/03	22094	6350	667	583	330	1687
2003/04	21908	6044	670	593	339	1844
2004/05	21722	5731	619	548	347	2027
2005/06	21589	5399	606	505	345	2204
2006/07	21417	5120	570	468	350	2319
2007/08	21214	4857	553	441	351	2372
2008/09	20969	4617	528	399	353	2365

EDUCATION

20.6. Enrollment in educational institutions

(beginning of academic year; thsd.)

	1990/91	1995/96	2000/01	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09
Total	9430	9239	9220	9122	8974	8813	8605	8381	8124	7818
Secondary educational institutions	7132	7143	6764	6350	6044	5731	5399	5120	4857	4617
day	6939	7007	6647	6237	5936	5626	5301	5026	4768	4533
night (part-time), including distance learning	193	136	117	113	108	105	98	94	89	84
Professional training institutions	660	555	525	502	493	507	497	474	454	437
Institutions of higher education										
1 st and 2 nd levels of accreditation	757	618	528	583	593	548	505	468	441	399
3 rd and 4 th levels of accreditation	881	923	1403	1687	1844	2027	2204	2319	2372	2365
Per 10 thsd. population										
Secondary educational institutions	1373	1391	1372	1323	1269	1212	1151	1098	1047	1001
Professional training institutions	127	108	107	105	104	107	106	102	98	95
Institutions of higher education										
1 st and 2 nd levels of accreditation	146	120	107	121	125	116	108	100	95	87
3 rd and 4 th levels of accreditation	170	180	285	352	387	429	470	497	511	512

At the beginning of the 2008/09 academic year, 21,9 thsd. pupils were trained in 226 private secondary schools, 415,6 thsd. students were trained in 196 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	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09
Institutions	21,8	22,3	22,2	22,2	22,1	21,9	21,7	21,6	21,4	21,2	21,0
Pupils	7132	7143	6764	6601	6350	6044	5731	5399	5120	4857	4617
including grades 10–12 (10–16)	940	821	1049	1063	1072	1060	1026	975	920	851	791
Total teachers	537	596	577	568	561	551	547	543	537	531	524

In 2008, 32,0 thsd. pupils attended the 1st grades set up at pre-schools.

EDUCATION

20.8. Secondary educational institutions, by region

(beginning of academic year)

	Institutions							Enrollment, thsd.						
	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2006/ 07	2007/ 08	2008/ 09	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2006/ 07	2007/ 08	2008/ 09
Ukraine	21825	22255	22210	21589	21417	21214	20969	7132	7143	6764	5399	5120	4857	4617
Autonomous Republic of Crimea	583	625	645	632	629	626	621	314	329	295	223	210	198	188
oblasts														
Vinnitsya	1120	1116	1072	1040	1035	1025	1012	246	248	245	205	195	184	174
Volyn	845	866	832	816	806	802	794	168	170	167	147	142	137	132
Dnipro-petrovsk	1079	1098	1113	1094	1086	1074	1065	523	522	492	378	355	336	319
Donetsk	1281	1325	1318	1235	1226	1210	1194	666	665	588	432	405	382	360
Zhytomyr	980	967	950	903	891	874	864	217	211	208	173	165	157	149
Zakarpattia	716	734	722	716	712	714	711	216	210	208	182	176	170	164
Zaporizhzhya	664	690	698	677	673	668	651	284	285	269	203	192	181	172
Ivano-Frankivsk	731	762	772	772	772	770	763	218	222	222	191	184	175	167
Kyiv	820	821	813	809	806	800	792	267	270	263	214	204	192	183
Kirovohrad	642	647	631	617	605	603	596	162	164	159	125	118	111	104
Luhansk	833	851	843	793	780	764	749	377	376	325	234	216	203	191
Lviv	1353	1457	1479	1487	1482	1480	1469	389	395	390	328	314	297	284
Mykolayiv	693	684	672	651	642	634	623	206	203	187	147	139	132	124
Odesa	951	944	975	975	972	969	969	364	355	344	283	271	258	248
Poltava	1037	1009	962	870	853	834	820	224	228	222	178	168	158	148
Rivne	766	791	796	750	752	729	724	188	193	192	171	166	161	155
Sumy	717	712	704	658	655	646	622	185	184	172	130	122	114	108
Ternopil	878	913	925	920	909	904	903	169	169	170	145	138	133	127
Kharkiv	1007	1015	1007	984	974	966	949	408	405	373	285	269	255	241
Kherson	582	588	581	575	574	570	568	195	195	182	143	135	127	120
Khmelnyskiy	1062	1099	1103	1075	1063	1054	1033	210	217	212	177	168	160	152
Cherkasy	716	724	719	699	701	699	699	202	205	199	158	149	140	131
Chernivtsi	453	455	462	454	453	455	451	143	138	138	121	116	111	106
Chernihiv	909	891	843	778	758	735	719	179	177	166	129	121	114	108
cities														
Kyiv	341	398	497	534	534	535	534	357	350	327	261	249	239	231
Sevastopol	66	73	76	75	74	74	74	55	57	49	36	33	32	31

EDUCATION

20.9. Secondary educational institutions at the beginning of 2008/09, by region

	Total institu- tions	In which		By type of ownership					
		pupils	teachers	public ¹	in which		private	in which	
					pupils ²	teachers		pupils	teachers
Ukraine	20969	4616717	524191	20743	4594860	519268	226	21857	4923
Autonomous Republic of Crimea	621	187864	19355	605	186390	19082	16	1474	273
oblasts									
Vinnitsya	1012	174349	22355	1008	173982	22245	4	367	110
Volyn	794	132371	16959	794	132371	16959	—	—	—
Dnipropetrovsk	1065	319179	29029	1048	318028	28707	17	1151	322
Donetsk	1194	360137	34886	1175	358802	34519	19	1335	367
Zhytomyr	864	149212	18658	861	148796	18584	3	416	74
Zakarpattia	711	164346	18461	706	163985	18388	5	361	73
Zaporizhzhya	651	171509	18509	645	171083	18368	6	426	141
Ivano-Frankivsk	763	167193	21567	761	166804	21518	2	389	49
Kyiv	792	183026	20415	787	182594	20313	5	432	102
Kirovohrad	596	104135	12763	594	104054	12730	2	81	33
Luhansk	749	190666	19482	744	190245	19373	5	421	109
Lviv	1469	283558	36448	1454	282115	36104	15	1443	344
Mykolayiv	623	124289	12872	621	124070	12814	2	219	58
Odesa	969	248193	26358	938	243643	25528	31	4550	830
Poltava	820	148108	17784	813	147641	17658	7	467	126
Rivne	724	154670	18984	724	154670	18984	—	—	—
Sumy	622	107917	13450	618	107747	13397	4	170	53
Ternopil	903	126814	18407	902	126800	18392	1	14	15
Kharkiv	949	240888	25519	930	238264	25058	19	2624	461
Kherson	568	119546	13192	565	119362	13130	3	184	62
Khmelnyskiy	1033	151729	20532	1030	151450	20459	3	279	73
Cherkasy	699	130759	16657	694	130531	16591	5	228	66
Chernivtsi	451	106456	11929	448	106350	11889	3	106	40
Chernihiv	719	107730	14584	718	107701	14561	1	29	23
cities									
Kyiv	534	231280	21874	490	226946	20859	44	4334	1015
Sevastopol	74	30793	3162	70	30436	3058	4	357	104

¹ Institutions of public and communal type of ownership

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

EDUCATION

**20.10. Day secondary educational institutions of new type at the beginning of 2008/09,
by region**

	Gram- mar school	In which		Lycees	In which		Colle- giums	In which		Educa- tional training comple- xes	In which	
		pupils ¹	teachers		pupils ¹	teachers		pupils ¹	teachers		pupils	teachers
Ukraine	583	295756	29460	387	154137	16593	45	24805	2475	2254	428394	51009
Autonomous Republic of Crimea	5	3552	300	2	164	33	—	—	—	104	43801	4177
oblasts												
Vinnitsya	3	1885	171	6	1004	200	—	—	—	84	22179	2379
Volyn	19	12941	1399	15	10143	967	3	1825	202	43	9050	1080
Dnipro- petrovsk	17	9186	813	28	9908	1056	2	1470	115	79	21403	1889
Donetsk	35	14879	1411	33	15645	1459	2	1013	93	87	28412	2656
Zhytomyr	29	16535	1585	9	5182	432	4	2170	205	48	10435	1150
Zakarpattia	13	5226	550	13	2325	290	—	—	—	36	4606	493
Zaporizhzhya	37	20793	2019	16	6310	763	5	3077	288	98	26196	2815
Ivano- Frankivsk	14	4410	532	8	2794	393	—	—	—	57	8006	1034
Kyiv	16	7478	739	15	2830	434	1	123	22	217	26144	4247
Kirovohrad	8	3031	282	2	552	79	—	—	—	40	15159	1532
Luhansk	49	21295	1955	11	4330	459	—	—	—	38	13326	1375
Lviv	28	11222	1403	14	3993	473	—	—	—	61	18947	2124
Mykolayiv	17	5507	569	6	1517	164	1	1184	101	29	3389	388
Odesa	11	5795	595	11	3005	341	—	—	—	177	51460	5531
Poltava	30	20400	1808	11	5210	515	2	995	111	46	7249	849
Rivne	12	5060	568	10	2087	355	2	1316	130	71	25404	2791
Sumy	9	3602	410	1	112	12	—	—	—	183	14051	2728
Ternopil	15	5194	648	9	2673	343	3	163	51	58	3694	624
Kharkiv	50	30575	2653	54	24581	2326	5	3122	327	72	13741	1712
Kherson	14	7549	719	8	2846	400	—	—	—	43	7224	833
Khmelnyskiy	29	15187	1677	32	17785	1760	13	6292	664	150	13170	2257
Cherkasy	10	4623	632	11	1533	243	1	923	68	239	20759	3780
Chernivtsi	24	8881	1031	10	3294	421	—	—	—	45	6891	889
Chernihiv	26	12823	1329	10	4585	508	1	1132	98	48	3220	619
cities												
Kyiv	56	31687	3217	41	19391	2121	—	—	—	98	10268	1031
Sevastopol	7	4640	445	1	338	46	—	—	—	3	210	26

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

EDUCATION

20.11. Day secondary educational institutions

(beginning of academic year)

	1990/91	1995/96	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09
Total institutions	21310	21903	21965	21954	21855	21669	21484	21357	21184	20984	20745¹
level 1 st	3178	3254	3144	3116	3046	2967	2855	2777	2673	2553	2422
levels 1 st and 2 nd	7403	6639	6262	6191	6063	5903	5812	5754	5675	5600	5511
levels 1 st –3 rd	10318	11612	12157	12243	12334	12390	12408	12418	12431	12432	12414 ¹
special schools (boarding schools) and social rehabilitation schools	411	398	402	404	412	409	409	408	405	399	398
Total pupils at the institutions, thsd.	6939	7007	6647	6486	6237	5936	5626	5301	5026	4768	4533¹
level 1 st	67	96	107	110	108	108	108	101	93	89	85
levels 1 st and 2 nd	966	837	707	673	625	578	545	497	463	430	401
levels 1 st –3 rd	5821	6005	5764	5635	5436	5185	4910	4642	4410	4183	3980 ¹
special schools (boarding schools) and social rehabilitation schools	85	69	69	68	68	65	63	61	60	66	67
Total teachers, thsd.	532	591	572	564	556	547	542	539	533	526	520

¹ At the beginning of the 2007/08 academic year, the total for institutions includes 85 educational institutions of levels 2nd and 3rd with attendance of 20 thsd. pupils; at the beginning of the 2008/09 academic year, 84 and 20 thsd. accordingly

20.12. Attendance by shift in day secondary educational institutions¹

(beginning of academic year)

	Total institutions				Total pupils ²			
	with one shift		with two shifts ³		attending the 1 st shift		attending the 2 nd shift ³	
	total	percentage of total institutions	total	percentage of total institutions	thsd.	percentage of total pupils	thsd.	percentage of total pupils
1990/91	16689	80	4146	20	5696	85	1029	15
1995/96	17154	80	4288	20	5870	85	1009	15
2000/01	18774	87	2746	13	5997	92	521	8
2001/02	18968	88	2546	12	5859	93	442	7
2002/03	19140	89	2265	11	5684	94	374	6
2003/04	19251	91	1972	9	5461	95	308	5
2004/05	19146	91	1887	9	5205	95	265	5
2005/06	19236	92	1670	8	4948	96	219	4
2006/07	19199	93	1537	7	4718	96	191	4
2007/08	19127	93	1416	7	4490	96	167	4
2008/09	19007	94	1297	6	4289	97	146	3

¹ Excluding special schools (boarding schools), sanatorium schools and schools undergoing major repair

² Excluding pupils of grade 1st at pre-schools and special schools (boarding schools)

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

EDUCATION

20.13. Pupils of secondary educational institutions, by language of instruction and region¹ (beginning of academic year; percent)

	Language of instruction											
	Ukrainian						Russian					
	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09
Ukraine	58	70	78	79	80	81	41	29	21	20	19	18
Autonomous Republic of Crimea	0,1	0,9	5	5	6	7	99,5	97	93	92	91	90
oblasts												
Vinnitsya	91	98	99	99	99	99	9	2	1	1	1	1
Volyn	98	99	99,7	99,7	99,8	99,8	2	1	0,3	0,3	0,2	0,2
Dnipropetrovsk	46	68	78	79	80	81	54	32	22	21	20	19
Donetsk	6	14	29	33	36	40	94	86	71	67	64	60
Zhytomyr	86	96	99	99	99	99	14	4	1	1	1	1
Zakarpattia	84	86	86	86	86	86	4	2	1	1	1	1
Zaporizhzhya	31	45	60	63	65	68	69	55	40	37	35	32
Ivano-Frankivsk	98	99	99,7	99,7	99,6	99,6	2	1	0,2	0,2	0,3	0,3
Kyiv	92	97	99	99	99	99	8	3	1	1	1	1
Kirovohrad	75	89	96	96	97	98	25	11	4	4	3	2
Luhansk	9	17	34	37	40	44	91	83	66	63	60	56
Lviv	96	98	99	99	99	99	4	2	1	1	1	1
Mykolayiv	56	74	87	89	90	91	44	26	13	11	10	9
Odesa	32	47	65	68	69	71	66	51	33	30	29	27
Poltava	83	93	97	97	97	98	17	7	3	3	3	2
Rivne	99	99,7	99,9	99,95	99,96	99,97	1	0,3	0,1	0,05	0,04	0,03
Sumy	63	83	93	94	95	95	37	17	7	6	5	5
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	73	74	74	63	45	29	27	26	26
Kherson	60	76	83	83	84	84	40	24	17	17	16	16
Khmelnyskiy	92	98	99,3	99,4	99,5	99,5	8	2	0,4	0,4	0,3	0,3
Cherkasy	86	96	98	99	99	99	14	4	2	1	1	1
Chernivtsi	78	81	81	81	82	82	5	2	0,7	0,6	0,5	0,5
Chernihiv	81	94	99	99	99	99	19	6	1	1	1	1
cities												
Kyiv	70	93	96	97	97	97	30	7	4	3	3	3
Sevastopol	0,0	2	2	2	2	2	99,98	98	98	98	98	98

¹ See the first footnote to Table 20.12

In addition to Ukrainian and Russian, other national languages of instruction are used in the schools of Ukraine. At the beginning of the 2008/09 school year, 21,7 thsd. children were taught in Romanian, 16,8 thsd. in Hungarian, 4,8 thsd. in Moldovian, 5,6 thsd. in Crimean Tatar, 1,4 thsd. in Polish, 0,4 thsd. in English, 0,1 thsd. in Slovakian and 0,1 thsd. in Bulgarian.

20.14. Night (part-time) secondary educational institutions

(beginning of academic year)

	1990/91	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09
Total institutions	515	352	245	232	233	230	224
Total pupils (including distance learning) ¹ , thsd.	193	136	117	98	94	89	83
of which grades 10–12 (10–16)	186	120	99	87	84	80	75

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

EDUCATION

20.15. Pupils graduating from secondary educational institutions

(thsd.)

	Finished 2 nd level schools (incomplete secondary education)			Finished 3 rd level schools (complete secondary education)		
	total	day	evening	total	day	evening
1990	696	692	4	406	353	53
1995	639	626	13	361	316	45
2000	720	708	12	475	445	30
2001	738	726	12	505	472	33
2002	724	714	10	508	472	36
2003	720	709	11	526	490	36
2004	675	666	9	519	484	35
2005	649	640	9	515	482	33
2006	595	587	8	485	452	33
2007	561	553	8	467	436	31
2008	546	539	7	427	399	28

In 2008, 64% of graduates joined the 10th grade at day secondary educational institutions, 3% were admitted to part-time evening shift schools, 16% entered to professional training institutions, and 16% were enrolled to institutions of higher education.

20.16. Professional training institutions

	Total institutions	Total pupils, thsd.	Admitted 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 ¹	436,7	283,2	265,1
Vocational training in 2008				
of pupils with complete secondary education	×	118,0	95,5	86,9
of pupils obtaining qualification along with complete secondary education	×	267,5	100,1	93,2
of pupils obtaining qualification without complete secondary education	×	24,2	15,0	14,6
of pupils involved in vocational training				
not working population	×	12,3	25,2	23,6
enterprise workers	×	13,6	33,2	32,3
of pupils involved in upgrading				
not working population	×	0,6	9,2	9,6
enterprise workers	×	0,5	5,0	4,9

¹ In addition to 1013 institutions of the Ministry of Education and Science of Ukraine, data include 5 institutions of other ministries (agencies)

EDUCATION

20.17. Skilled workers graduating from professional training institutions, by region*(thsd.)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	277,3	266,8	278,8	282,4	275,6	283,4	286,6	289,3	285,1	265,1
Autonomous Republic of Crimea	9,1	8,7	9,7	9,9	10,1	9,9	10,0	9,9	10,2	9,0
oblasts										
Vinnitsya	10,5	10,9	12,0	12,9	12,4	13,1	14,5	13,9	14,2	12,3
Volyn	6,9	7,1	7,4	8,1	8,0	8,9	8,6	8,9	8,6	6,7
Dniepropetrovsk	23,1	20,0	22,0	22,1	22,6	23,1	24,5	25,7	25,6	26,6
Donetsk	27,8	28,4	30,8	31,0	30,4	30,8	29,7	30,2	28,3	26,7
Zhytomyr	7,9	7,1	7,6	7,3	7,0	6,7	6,9	6,7	7,1	6,7
Zakarpattia	5,5	5,1	5,5	5,4	5,7	5,6	5,4	5,5	5,1	4,7
Zaporizhya	11,7	13,0	13,9	13,8	14,4	14,5	15,3	15,0	14,0	12,5
Ivano-Frankivsk	7,0	5,4	5,7	6,6	6,4	7,2	6,8	6,9	6,6	6,4
Kyiv	8,4	9,0	9,9	10,6	10,3	9,9	9,9	9,4	9,6	8,4
Kirovohrad	8,1	7,6	8,4	8,7	8,3	8,3	7,9	7,1	6,9	6,2
Luhansk	17,9	18,7	18,1	18,1	17,2	17,6	17,1	16,6	17,8	15,2
Lviv	20,0	19,3	19,1	18,6	17,8	18,9	19,5	19,5	20,1	18,7
Mykolayiv	7,8	8,1	8,1	8,6	8,5	8,7	8,5	8,9	8,6	8,6
Odesa	12,0	9,2	9,4	9,0	9,1	9,9	10,0	10,1	10,4	10,3
Poltava	10,5	10,6	10,9	10,6	9,6	9,8	10,4	10,9	11,0	10,0
Rivne	6,5	5,8	5,5	5,1	5,4	6,4	6,6	6,6	7,1	6,8
Sumy	8,0	8,9	8,8	9,5	8,8	8,8	9,4	10,1	9,2	9,4
Ternopil	5,6	4,8	4,9	5,2	5,1	6,2	6,6	6,9	7,2	6,2
Kharkiv	15,7	15,5	15,9	15,5	14,9	15,1	15,8	14,8	12,4	11,4
Kherson	7,0	5,9	6,3	6,7	7,0	7,3	7,1	7,1	7,5	7,3
Khmelnyskiy	7,9	7,2	7,6	7,6	7,1	7,4	7,0	8,3	8,6	8,3
Cherkasy	7,5	6,2	6,0	6,2	6,2	5,9	5,8	5,9	6,1	5,4
Chernivtsi	4,8	3,9	4,4	4,7	4,4	4,1	4,7	4,8	4,7	4,3
Chernihiv	5,2	6,3	6,8	6,8	6,0	6,4	6,0	6,0	5,3	5,0
cities										
Kyiv	13,2	12,8	12,6	12,1	11,4	11,4	10,9	11,9	11,3	10,6
Sevastopol	1,7	1,3	1,5	1,7	1,5	1,5	1,7	1,7	1,6	1,4

EDUCATION

20.18. Institutions of higher education

(beginning of school year)

	1 st and 2 nd levels of accreditation						3 rd and 4 th levels of accreditation					
	1990/91	1995/96	2000/01	2005/06	2007/08	2008/09	1990/91	1995/96	2000/01	2005/06	2007/08	2008/09
Total institutions	742	782	664	606	553	528	149	255	315	345	351	353
Total students, thsd.	757,0	617,7	528,0	505,3	441,3	399,3	881,3	922,8	1402,9	2203,8	2372,5	2364,5
full-time	510,7	455,6	400,8	373,4	327,1	311,4	520,0	616,3	859,5	1233,8	1300,2	1310,6
Admitted, thsd.	241,0	188,8	190,1	169,2¹	142,5¹	114,4¹	174,5	206,8	346,4	503,0¹	491,2¹	425,2¹
full-time	155,8	142,2	141,2	124,8	105,7	98,4	110,9	150,7	219,5	305,0	302,1	293,4
Graduated, thsd.	228,7	191,2	148,6	142,7²	134,3²	118,1²	136,9	147,9	273,6	372,4²	468,4²	505,2²
full-time	143,9	131,5	109,5	101,9	94,8	82,8	73,3	91,7	189,1	199,6	246,2	264,5

¹ Persons admitted to the elementary cycle of education (without those who have been admitted to continue training with the purpose of achieving a higher educational and qualification level)

² The graduated experts (without those who finished the relevant cycle of training and continue training with the purpose of achieving a higher educational and qualification level)

The number of students at the educational establishments of the 1st and 2nd levels of accreditation accounted for 4,2 thsd. disabled, 3,8 thsd. orphans and uncared children (aged under 18), at the educational establishments of the 3rd and 4th levels of accreditation — 9,3 thsd. and 6,1 thsd. respectively.

35,8 thsd. foreign students study at institutions of higher education of all levels of accreditation.

In 2008, 74,5 thsd. masters, 282,3 thsd. specialists, 87,8 thsd. bachelors and 178,7 thsd. junior specialists graduated from institutions of higher learning of all levels of accreditation.

At the beginning of the 2008/09 academic year, institutions of higher education of all levels of accreditation employed 199,3 thsd. teachers, and research and educational staff; this includes 12,5 thsd. doctors and 64,6 thsd. candidates of science, 12,2 thsd. professors and 44,8 thsd. senior lecturers.

20.19. Competitive examinations to institutions of higher education

(number of applications per 100 admitted students)

	1 st and 2 nd levels of accreditation						3 rd and 4 th levels of accreditation					
	1995	2000	2005	2006	2007	2008	1995	2000	2005	2006	2007	2008
All types of training	156	138	129	129	126	138	167	158	153	157	156	203
full-time	160	143	135	135	131	142	168	174	169	176	172	233
part-time	161	133	129	118	119	122	151	134	134	123	117	146
distance learning	143	121	115	114	112	114	164	129	128	128	131	136

From year to year the percentage of students paying for their study increases. In 1995/96, 18% of students were admitted on paid basis, whereas in 2008/09 this number amounted to 52%.

At the beginning of the 2008/09 academic year, institutions of higher education of all levels of accreditation trained 35,8 thsd. foreign students: 5,0 (14,1%) thsd. from China, 4,7 (13,2%) thsd. from the Russian Federation, 2,2 (6,2%) thsd. from the Jordan and India respectively, 1,8 (5,0%) thsd. from Iran, 1,7 (4,7%) from Syrian Arab Republic.

EDUCATION

**20.20. Admission to institutions of higher education and training of specialists in 2008,
by source of funds required for their training and educational and qualification levels**

	Admitted to primary cycle of training, total	Funds from				Graduated from institutions of higher education ¹
		State budget		local budgets		
		total, persons	percentage of total number of the admitted	total, persons	percentage of total number of the admitted	
Total	539614	229639	42,6	28667	5,3	623258
By educational and qualification levels						
holder of a master’s degree	49	40	82	—	—	74450
specialist	14162	4958	35	3	0,02	282349
bachelor	349147	145346	42	3938	1	87799
junior specialist	176256	79295	45	24726	14	178660

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	2007/08	2008/09	1990/91	1995/96	2000/01	2005/06	2007/08	2008/09
Ukraine	742	782	664	606	553	528	757,0	617,7	528,0	505,3	441,3	399,3
Autonomous Republic of Crimea	25	33	26	22	20	18	21,7	19,8	14,1	11,2	10,2	8,6
oblasts												
Vinnitsya	28	29	26	20	19	18	27,8	24,0	22,8	17,8	18,1	17,1
Volyn	15	15	15	14	13	12	12,8	10,4	10,7	11,0	9,4	8,6
Dnipropetrovsk	72	75	43	35	35	34	79,1	64,7	37,0	32,6	29,4	27,0
Donetsk	83	82	68	63	62	60	88,0	65,7	51,1	56,8	52,9	47,3
Zhytomyr	21	22	20	20	18	18	20,4	17,0	17,5	22,7	19,5	18,3
Zakarpattia	15	16	15	14	14	11	11,4	10,5	8,2	7,0	7,3	4,8
Zaporizhzhya	27	29	23	23	25	20	29,8	22,2	18,4	18,9	18,6	13,2
Ivano-Frankivsk	18	20	25	22	20	20	15,8	15,1	19,4	18,3	17,3	16,8
Kyiv	16	16	18	20	18	18	16,9	15,0	12,8	11,3	10,2	10,2
Kirovohrad	18	19	18	17	15	15	16,2	11,8	11,2	12,3	10,8	10,2
Luhansk	40	43	30	33	29	29	40,0	33,4	25,0	28,0	21,4	19,7
Lviv	40	44	40	33	26	27	41,2	35,9	33,4	30,8	24,2	24,4
Mykolayiv	14	16	17	12	12	11	17,1	13,9	13,1	10,4	9,9	8,4
Odesa	35	36	32	23	20	19	38,9	30,1	27,6	24,8	19,5	17,4
Poltava	27	27	24	18	16	16	25,1	21,1	18,0	14,3	12,2	11,6
Rivne	15	17	11	11	11	11	13,1	12,2	12,8	11,0	11,0	10,9
Sumy	26	26	21	12	10	10	22,5	17,7	14,5	6,6	5,3	5,3
Ternopil	15	15	13	12	10	10	13,4	12,5	11,0	9,5	7,3	7,2
Kharkiv	49	50	39	38	37	36	55,6	42,8	31,2	29,3	28,8	27,4
Kherson	19	21	18	15	14	13	19,0	15,0	14,3	15,0	12,9	9,9
Khmelnyskiy	18	18	15	15	12	10	16,0	13,6	9,6	10,9	8,3	6,9
Cherkasy	20	22	20	21	12	12	19,6	17,4	16,2	17,8	11,4	11,1
Chernivtsi	18	18	16	16	13	13	14,2	12,5	13,6	13,6	11,0	10,6
Chernihiv	20	21	20	21	17	17	16,2	15,8	15,6	15,4	10,5	9,9
cities												
Kyiv	40	48	46	51	50	45	55,3	44,2	44,9	45,1	41,0	33,9
Sevastopol	4	4	5	5	5	5	3,3	3,4	4,0	2,9	2,9	2,6

EDUCATION

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

(beginning of academic year; percent)

	Language of instruction											
	Ukrainian						Russian					
	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09
Ukraine	55	78	85	85	86	88	45	22	14	15	14	12
Autonomous Republic of Crimea	—	—	3	3	3	4	100	100	97	97	97	96
oblasts												
Vinnitsya	97	99	100	100	100	100	3	1	—	—	0,0	—
Volyn	100	100	100	100	100	100	—	—	—	—	—	—
Dnipropetrovsk	28	74	93	94	96	98	72	26	7	6	4	2
Donetsk	3	24	35	38	41	43	97	76	65	62	59	57
Zhytomyr	90	100	100	100	100	100	10	—	—	—	—	—
Zakarpattia	96	97	99	92	98	98	1	—	—	6	0,2	—
Zaporizhzhya	24	69	80	90	93	94	76	31	20	10	7	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	63	65	83	92	57	32	37	35	17
Lviv	100	100	100	96	100	100	—	—	—	4	—	—
Mykolayiv	54	95	100	100	100	100	46	5	—	—	—	—
Odesa	30	58	87	84	87	93	70	42	13	16	13	7
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	92	93	96	63	31	8	8	7	4
Kherson	50	73	89	88	89	87	50	27	11	12	11	13
Khmelnyskiy	98	100	100	100	100	100	2	—	—	—	—	—
Cherkasy	98	99,9	100	100	100	100	2	0,1	—	0,0	—	—
Chernivtsi	95	99,5	99	99	99	99	4	—	—	—	—	—
Chernihiv	80	99	100	100	100	100	20	1	—	—	—	—
cities												
Kyiv	72	98	99	95	100	100	28	2	1	5	—	—
Sevastopol	—	—	—	—	—	—	100	100	100	100	100	100

As of the beginning of the 2008/09 academic year, 75 students studied in Hungarian in the Zakarpattia oblast and 92 students studied in Romanian in the Chernivtsi oblast.

EDUCATION

20.23. Institutions of higher education of the 3rd and 4th levels of accreditation, by region
(beginning of academic year)

	Total institutions						Enrollment, thsd.					
	1990/91	1995/96	2000/01	2005/06	2007/08	2008/09	1990/91	1995/96	2000/01	2005/06	2007/08	2008/09
Ukraine	149	255	315	345	351	353	881,3	922,8	1402,9	2203,8	2372,5	2364,5
Autonomous Republic of Crimea	3	11	14	13	14	15	15,5	24,1	42,4	53,3	60,8	59,0
oblasts												
Vinnitsya	3	5	5	5	5	5	19,4	19,4	25,6	39,8	40,9	38,6
Volyn	1	2	3	4	4	4	9,4	11,6	18,1	23,8	27,6	27,4
Dnipropetrovsk	12	16	20	22	24	25	77,4	70,4	107,0	156,3	163,9	161,8
Donetsk	10	21	26	27	27	27	61,5	76,4	120,4	160,3	161,7	155,3
Zhytomyr	2	5	5	5	5	4	9,5	10,6	20,1	28,5	30,4	29,0
Zakarpattia	1	1	4	5	6	7	8,0	8,5	14,5	20,1	21,7	23,1
Zaporizhzhya	7	12	12	12	12	11	33,8	36,5	51,5	83,4	95,2	98,5
Ivano-Frankivsk	3	3	6	9	9	9	14,3	12,6	24,5	42,2	43,9	44,3
Kyiv	1	2	3	5	6	6	6,0	7,4	18,5	28,9	31,1	31,3
Kirovohrad	3	6	6	6	7	7	11,8	12,2	17,7	20,8	22,2	22,0
Luhansk	5	7	7	9	9	10	32,6	30,0	52,3	86,4	97,6	97,2
Lviv	12	15	17	28	27	26	67,7	59,3	83,8	127,8	141,4	143,2
Mykolayiv	2	3	3	5	5	5	12,8	13,2	21,7	33,5	35,6	35,5
Odesa	15	19	20	22	22	22	77,5	73,0	88,4	119,5	130,5	133,3
Poltava	5	6	8	8	7	7	22,6	20,8	38,5	58,8	63,2	62,1
Rivne	3	3	5	6	6	6	15,7	15,5	22,9	42,9	46,7	45,4
Sumy	4	5	6	5	5	5	15,5	16,2	27,0	59,2	56,6	54,0
Ternopil	3	7	9	11	10	10	17,5	22,6	43,8	57,4	55,2	56,0
Kharkiv	22	36	36	37	37	37	128,7	135,5	176,7	256,8	262,7	256,0
Kherson	3	5	6	6	8	8	15,7	17,0	25,2	29,7	30,3	31,9
Khmelnyskiy	3	7	10	10	9	10	16,5	17,9	28,7	39,4	46,9	47,9
Cherkasy	3	5	7	6	6	6	11,7	17,2	24,2	39,3	48,1	46,8
Chernivtsi	2	2	4	4	4	4	11,9	12,7	17,6	25,8	27,5	28,2
Chernihiv	2	5	4	5	5	5	10,9	11,3	19,4	26,7	27,4	26,1
cities												
Kyiv	18	45	66	65	68	68	150,2	165,1	259,9	525,7	586,6	593,3
Sevastopol	1	1	3	5	4	4	7,2	5,8	12,5	17,5	16,8	17,3

EDUCATION

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

(beginning of academic year; percent)

	Language of instruction											
	Ukrainian						Russian					
	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09
Ukraine	51	73	82	83	83	88	49	27	18	17	17	12
Autonomous Republic of Crimea	—	0,1	7	14	16	11	100	99,9	93	86	84	89
oblasts												
Vinnitsya	85	99	99	99	99	99	15	1	1	1	1	1
Volyn	97	100	100	100	100	100	3	—	—	—	—	—
Dnipropetrovsk	32	62	79	80	79	91	68	38	21	20	21	9
Donetsk	8	23	34	37	36	51	92	77	66	63	64	49
Zhytomyr	78	92	97	97	97	96	22	8	3	3	3	4
Zakarpattia	100	98	97	96	95	95	—	—	—	—	—	—
Zaporizhzhya	20	70	84	85	86	92	80	30	15	15	14	8
Ivano-Frankivsk	100	100	100	100	100	100	—	—	—	—	—	—
Kyiv	99	99,8	100	100	100	100	0,8	0,2	—	—	—	—
Kirovohrad	85	92	91	90	91	91	15	8	9	10	9	9
Luhansk	8	26	43	48	54	67	92	74	57	52	46	33
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	76	77	83	70	34	24	24	23	17
Poltava	68	83	99,1	99,6	99,7	100	32	17	0,9	0,4	0,3	—
Rivne	97	100	100	100	100	100	3	—	—	—	—	—
Sumy	41	100	99,8	99,8	100	99,8	59	—	0,2	0,2	—	0,2
Ternopil	100	100	100	99,9	99,9	99,9	—	—	—	—	—	—
Kharkiv	31	66	76	75	76	86	69	34	23	25	24	14
Kherson	40	60	65	71	70	88	60	40	35	29	30	12
Khmelnyskiy	99	99	99,8	99,8	99,9	99,9	1	1	0,2	0,2	0,1	0,1
Cherkasy	84	98	99,8	99,9	99,8	99,8	16	2	0,2	0,1	0,2	0,2
Chernivtsi	99,7	99,9	100	100	100	100	0,3	0,1	—	—	—	—
Chernihiv	78	94	96	96	96	97	22	6	4	4	4	3
cities												
Kyiv	67	94	96	96	96	97	33	6	3	3	4	3
Sevastopol	—	—	4	4	3	11	100	100	96	96	97	89

At the beginning of 2008/09, 1,4 thsd. students in city of Kyiv and 78 students in the Ternopil region were taught in English, 1,1 thsd. students in the Zakarpattia region were taught in Hungarian.

EDUCATION

20.25. Training of postgraduate students

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total institutions offering postgraduate course	291	374	418	434	445	479	490	496	502	507	521
Total postgraduate students	13374	17464	23295	24256	25288	27106	28412	29866	31293	32497	33344
Admitted	4162	6261	7744	8027	8463	9022	9225	9711	10201	10286	10189
full-time	2625	4445	5153	5277	5455	5790	5877	6006	6172	6188	6259
part-time	1537	1816	2591	2750	3008	3232	3348	3705	4029	4098	3930
Graduated	3377	3372	5132	5223	5550	5733	6100	6417	6840	7154	7343
full-time	2055	2339	3715	3725	3890	3970	4156	4279	4527	4726	4768
part-time	1322	1033	1417	1498	1660	1763	1944	2138	2313	2428	2575

20.26. Training of doctoral students

	1991	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total institutions offering doctorate training	93	158	209	215	225	235	246	240	241	252	249
Total Doctorate students	503	1105	1131	1106	1166	1220	1271	1315	1373	1418	1476
Admitted	203	436	376	393	428	437	469	461	502	506	531
Graduated	123	224	401	371	333	352	366	373	396	414	424

21. HEALTH CARE AND SOCIAL AID

This section shows statistics that characterize general morbidity rates as well as selected illnesses. It also provides data on medical institutions and staff employed there. There are some statistics on resident 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 the network and staff of the health care institutions are given.

Morbidity rate is defined by dividing the number of sick persons 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), since 1999 – according to the tenth revision of International Classification of Diseases and Related Problems in health care (ICD'10).

Data on physicians reflect all doctors with higher medical education at the end of a given year. It includes physicians employed in medical and sanatorium establishments, social protection, educational and research institutions, staff training establishments 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 includes all persons with secondary medical education (excluding dental technicians) who are employed in medical and sanatorium establishments, social protection establishments, pre-school institutions, schools, orphan houses, etc. These are end of year data.

Data on hospital beds are reported as of 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 including all medical establishments 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 defined as a degree of health loss or limitation of vital functions.

Boarding houses for the aged and disabled (both adults and children) are medical and social establishments providing permanent accommodation to the aged and disabled people or children who require care.

Orphan is a child whose parents died or perished.

Emancipated children are children who have been emancipated due to the fact that their parents were deprived of parental right, they have been taken off from parents without parental right deprivation. Their parents were declared vanished 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 a planted child whose parents are unknown, the abandoned and homeless children.

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

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

HEALTH CARE AND SOCIAL AID

21.1. Health care establishments, facilities and personnel¹*(thsd.)*

	Total medical practitioners (doctors)	Total paramedical staff	Total hospitals	Total beds	Total out-patient facilities
1913	8	12	1,4	48	...
1940	36	102	2,5	161	8
1960	86	276	5,0	344	7
1965	111	332	4,9	428	6
1970	131	412	4,7	511	6
1975	157	484	4,1	578	6
1980	183	516	3,8	627	6
1985	211	567	3,8	669	6
1990	227	607	3,9	700	7
1995	230	595	3,9	639	7
2000	226	541	3,3	466	7
2001	226	530	3,2	466	7
2002	224	526	3,1	465	7
2003	223	523	3,0	458	8
2004	223	522	2,9	451	8
2005	224	496	2,9	445	8
2006	225	493	2,9	444	8
2007	223	488	2,8	440	8
2008	222 ²	464	2,9	437	9

¹ Data for 1913 cover Ukraine within the frontiers of the former Ukrainian Soviet Republic before September 17, 1939, whereas for 1940–2008 the data cover the current territory of Ukraine

² Excluding dentists

HEALTH CARE AND SOCIAL AID

21.2. Basic health care indicators

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total medical practitioners (doctors)											
thsd.	227	230	226	226	224	223	223	224	225	223	222 ¹
per 10 thsd. population	44,0	45,1	46,2	46,8	46,9	47,1	47,4	47,9	48,4	48,3	48,2
Total paramedical staff											
thsd.	607	595	541	530	526	523	522	496	493	488	464
per 10 thsd. population	117,5	116,5	110,3	110,0	110,0	110,3	110,9	106,2	106,1	105,5	101,0
Total hospitals, thsd.	3,9	3,9	3,3	3,2	3,1	3,0	2,9	2,9	2,9	2,8	2,9
In which beds											
thsd.	700	639	466	466	465	458	451	445	444	440	437
per 10 thsd. population	135,5	125,1	95,0	96,6	97,3	96,6	95,7	95,2	95,6	95,2	95,1
Total out-patient medical institutions, thsd.	6,9	7,2	7,4	7,4	7,4	7,6	7,7	7,8	7,9	8,0	8,8
including											
institutions with dental departments ²	4,8	4,7	4,6	4,7	4,6	4,7	4,7	4,6	4,7	4,7	4,6
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
Planned capacity of out- patient facilities											
thsd. visits per shift	895	966	973	980	980	981	987	990	998	992	987
per 10 thsd. population	173,1	189,0	198,4	203,2	205,0	206,8	209,6	211,7	214,8	214,7	214,8
Total ambulance outlets ²	970	1064	1039	1001	988	974	975	976	982	987	997
Total patients who received out-patient and ambulance services ²											
mln.	17,8	16,0	14,0	13,9	13,9	13,9	13,8	13,8	13,8	13,9	13,6
per 1000 population	345	313	285	286	290	291	293	294	297	300	295

¹ See the second footnote to Table 21.1² Establishments belonging to the Ministry of Health Care of Ukraine

HEALTH CARE AND SOCIAL AID

21.3. Physicians of all specializations, by region*(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2007	2008 ¹	1990	1995	2000	2005	2007	2008 ¹
Ukraine	227,2	230,2	226,3	223,8	223,3	221,6	44,0	45,1	46,2	47,9	48,3	48,2
Autonomous Republic of Crimea	12,9	12,1	11,1	10,7	10,6	9,6	60,8	55,6	53,3	54,4	54,2	49,1
oblasts												
Vinnitsya	7,7	8,3	8,3	8,3	8,4	8,1	40,4	44,3	46,6	48,9	50,6	49,0
Volyn	3,9	4,2	4,2	4,1	4,0	3,9	36,1	39,1	39,6	39,0	38,8	37,9
Dnipropetrovsk	17,1	18,5	17,5	16,6	16,4	16,6	43,9	48,3	47,7	48,3	48,4	49,2
Donetsk	23,7	23,5	22,4	21,6	21,1	19,3	44,5	45,4	46,0	46,9	46,6	43,1
Zhytomyr	5,0	5,1	5,4	5,2	5,3	5,0	32,9	34,8	38,5	39,3	40,4	39,0
Zakarpattia	4,9	5,2	5,2	5,2	5,1	5,1	39,2	40,6	40,6	42,1	40,8	41,2
Zaporizhzhya	9,1	9,2	9,5	8,8	8,8	8,6	43,6	44,2	48,3	47,6	47,9	47,1
Ivano-Frankivsk	6,1	6,4	6,6	6,7	7,1	7,8	42,7	44,1	45,6	48,7	50,7	56,6
Kyiv	6,1	6,2	6,0	5,8	5,9	6,8	31,2	32,6	33,4	32,8	34,2	39,2
Kirovohrad	4,8	4,2	4,0	3,7	3,6	3,7	38,7	34,5	35,3	35,2	35,0	36,0
Luhansk	11,0	11,2	10,7	10,3	10,0	10,2	38,4	40,3	41,2	43,0	42,6	43,8
Lviv	13,5	14,2	13,9	14,5	14,8	14,2	49,0	51,8	51,9	56,6	58,2	56,1
Mykolayiv	4,6	4,9	4,6	4,4	4,3	4,4	34,3	36,6	36,0	35,8	35,6	37,1
Odesa	13,5	12,3	11,9	11,2	11,2	11,5	51,8	47,9	48,0	46,8	46,9	48,5
Poltava	6,8	7,5	7,8	7,3	7,3	7,1	38,5	43,4	46,9	47,4	48,2	47,5
Rivne	3,7	4,2	4,6	4,7	4,7	4,8	31,9	35,2	38,9	40,6	41,2	41,4
Sumy	4,6	4,7	4,8	4,5	4,4	4,7	32,1	33,8	36,7	36,5	37,2	39,5
Ternopil	5,1	5,5	5,4	5,4	5,5	5,6	43,7	47,0	47,0	49,1	50,5	51,1
Kharkiv	15,7	16,0	15,2	15,8	15,7	15,6	49,5	52,1	52,0	56,1	56,3	56,3
Kherson	4,5	4,6	4,2	4,1	4,0	3,9	35,9	36,6	34,9	36,1	36,6	35,5
Khmelnyskiy	4,9	5,4	5,4	5,5	5,6	5,6	32,5	35,8	37,4	40,1	41,7	41,5
Cherkasy	5,6	5,6	5,4	5,1	5,1	5,0	36,9	37,2	37,9	37,8	38,1	38,9
Chernivtsi	4,0	4,3	4,4	4,9	5,2	5,6	42,7	45,6	47,2	54,0	57,7	61,8
Chernihiv	4,5	4,6	4,6	4,3	4,2	4,0	32,2	34,1	36,3	36,9	37,4	36,3
cities												
Kyiv	21,2	20,1	21,3	23,2	23,2	22,9	81,3	77,0	81,5	87,6	85,9	84,0
Sevastopol	2,7	2,2	1,9	1,9	1,8	2,0	67,6	54,1	48,0	49,1	48,8	51,9

¹ See the second footnote to Table 21.1

HEALTH CARE AND SOCIAL AID

21.4. Paramedical personnel, by region*(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2007	2008	1990	1995	2000	2005	2007	2008
Ukraine	607,2	595,1	541,0	496,3	487,5	464,3	117,5	116,5	110,3	106,2	105,5	101,0
Autonomous Republic of Crimea	27,4	27,1	23,1	21,9	21,9	19,0	129,7	124,3	111,5	111,1	111,5	97,0
oblasts												
Vinnitsya	23,1	22,6	20,5	18,9	18,7	17,5	121,3	121,2	114,4	111,7	112,2	105,8
Volyn	13,9	13,3	11,8	11,3	11,3	11,1	130,2	123,6	112,5	108,8	109,8	107,1
Dnipropetrovsk	45,3	46,2	39,3	35,3	34,0	32,0	116,3	120,3	107,0	102,4	100,2	95,0
Donetsk	67,4	63,5	55,1	48,4	46,5	41,9	126,5	122,7	113,1	104,9	102,7	93,5
Zhytomyr	16,8	17,4	16,5	15,3	15,0	14,4	112,0	118,3	116,4	114,7	114,9	111,3
Zakarpattia	13,0	13,5	13,1	12,9	11,8	11,4	103,0	105,3	103,1	104,1	95,4	92,3
Zaporizhzhya	23,5	22,9	22,0	19,2	18,7	18,1	112,2	110,8	111,4	103,2	101,9	99,3
Ivano-Frankivsk	16,5	16,1	15,5	14,2	14,6	14,7	115,2	110,5	107,6	102,7	105,6	106,7
Kyiv	19,7	19,7	18,5	16,3	15,7	15,7	101,5	104,3	102,2	92,9	89,9	91,2
Kirovohrad	15,7	13,5	12,9	11,4	11,1	10,7	127,5	111,3	112,7	107,9	106,9	104,9
Luhansk	33,9	31,4	26,6	24,8	24,5	22,7	118,4	112,9	102,1	103,2	104,3	97,5
Lviv	28,8	30,5	30,5	30,1	30,2	27,8	104,8	111,2	113,8	117,6	119,0	109,5
Mykolayiv	13,8	13,8	12,3	11,1	10,9	10,2	102,7	103,0	95,9	90,9	90,6	85,5
Odesa	31,3	27,6	24,9	21,8	21,9	22,3	119,5	107,4	100,5	91,3	91,8	93,6
Poltava	19,2	20,3	19,4	16,8	16,3	15,3	109,8	117,2	116,9	108,3	107,7	101,6
Rivne	13,0	14,3	13,2	13,5	14,1	13,4	110,8	120,2	112,3	116,9	122,3	116,4
Sumy	16,2	15,6	14,5	13,0	12,9	12,8	113,9	112,0	110,5	106,7	107,9	108,2
Ternopil	13,7	13,2	12,5	12,2	12,0	12,1	117,3	113,1	109,0	109,9	109,6	110,7
Kharkiv	35,6	36,3	32,3	28,7	28,0	26,6	112,2	118,4	110,7	102,0	100,8	96,0
Kherson	15,6	14,7	12,2	11,3	11,2	10,3	124,2	116,7	100,8	100,3	101,5	94,2
Khmelnyskiy	16,3	16,6	14,7	13,8	14,0	14,0	107,7	110,2	102,1	100,4	103,8	104,8
Cherkasy	17,2	16,8	16,2	14,6	14,2	13,7	112,5	112,2	113,5	108,9	108,6	105,4
Chernivtsi	9,9	10,2	9,4	9,0	9,3	9,2	105,1	107,8	101,0	99,4	103,7	102,1
Chernihiv	16,0	16,3	15,1	13,3	12,8	12,5	113,8	120,7	119,1	114,6	113,9	112,2
cities												
Kyiv	38,6	36,6	34,6	33,4	32,4	31,3	148,0	140,1	132,8	125,9	120,0	115,0
Sevastopol	5,8	5,1	4,3	3,8	3,5	3,6	142,9	125,8	111,0	100,2	92,6	95,3

HEALTH CARE AND SOCIAL AID

21.5. Hospital beds, by region*(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2007	2008	1990	1995	2000	2005	2007	2008
Ukraine	700,3	638,9	466,0	444,9	439,5	437,3	135,5	125,1	95,0	95,2	95,2	95,1
Autonomous Republic of Crimea	26,3	25,0	19,3	17,9	17,6	17,6	124,3	114,7	92,9	90,6	89,7	89,6
oblasts												
Vinnitsya	28,2	25,0	16,1	15,6	15,5	14,7	148,2	134,1	90,2	92,1	93,3	89,1
Volyn	14,7	13,7	8,9	8,6	8,6	8,6	137,5	127,5	84,2	82,5	82,8	83,7
Dnipropetrovsk	54,7	54,1	40,3	37,5	36,7	36,3	140,3	141,0	109,9	109,0	108,2	107,8
Donetsk	74,1	63,6	44,3	41,7	41,5	39,4	139,2	122,9	90,9	90,5	91,7	87,8
Zhytomyr	20,9	15,3	11,4	10,8	10,4	10,4	138,8	104,1	80,9	80,8	79,9	80,3
Zakarpattia	14,8	14,0	10,8	10,2	10,1	10,2	117,6	108,9	84,4	82,0	81,7	82,0
Zaporizhzhya	29,4	28,5	20,8	18,3	17,7	17,7	140,7	137,6	105,2	98,6	96,5	97,3
Ivano-Frankivsk	18,3	16,8	12,8	12,7	12,6	12,7	128,1	115,3	88,6	91,3	91,5	91,9
Kyiv	24,0	21,8	15,5	14,3	15,3	15,1	123,8	115,2	85,6	81,5	88,7	87,7
Kirovohrad	18,1	16,5	11,0	10,3	10,2	10,2	146,6	136,3	96,3	97,2	99,1	100,1
Luhansk	40,8	35,8	25,8	25,7	25,2	24,6	142,5	128,7	99,1	106,7	107,2	105,5
Lviv	34,3	29,5	25,8	24,8	24,4	25,1	124,9	107,7	96,3	97,0	96,0	99,1
Mykolayiv	17,9	17,7	11,1	10,6	10,4	10,4	133,6	131,6	86,7	87,2	86,3	86,7
Odesa	35,0	28,6	22,7	21,8	22,0	22,7	133,7	111,2	91,7	91,1	92,3	95,3
Poltava	24,0	23,7	14,4	13,8	13,6	13,7	137,0	136,8	87,2	89,1	89,8	91,2
Rivne	15,8	15,4	10,3	10,5	10,5	10,5	135,1	129,3	87,7	90,9	91,1	91,5
Sumy	20,0	17,6	11,9	11,4	11,4	11,3	140,4	126,5	90,8	93,2	95,4	95,5
Ternopil	15,5	14,3	10,7	10,1	10,1	10,1	132,5	122,5	93,0	91,4	92,2	92,6
Kharkiv	42,4	41,9	29,0	27,8	27,4	26,2	133,5	136,6	99,4	98,7	98,8	94,7
Kherson	16,5	15,5	11,2	11,8	11,5	11,2	131,0	122,8	92,7	105,0	103,6	101,8
Khmelnyskiy	20,6	19,1	13,2	12,2	12,2	12,4	136,0	127,1	91,6	88,9	90,3	92,8
Cherkasy	20,8	17,9	12,9	12,1	11,9	11,7	136,5	119,0	90,3	90,7	90,5	90,1
Chernivtsi	12,2	10,8	8,2	8,3	8,3	8,4	130,1	114,5	87,6	91,5	91,6	93,6
Chernihiv	20,1	19,0	14,2	13,0	12,9	13,1	143,0	140,7	112,1	112,1	114,2	117,7
cities												
Kyiv	36,6	33,6	30,3	30,1	28,5	30,0	139,9	129,0	116,4	113,6	105,5	109,9
Sevastopol	4,3	4,2	3,1	3,0	3,0	3,0	106,6	102,8	80,8	79,1	79,0	79,6

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	2007	2008	1990	1995	2000	2005	2007	2008
Ukraine	894,9	965,5	973,0	989,9	991,8	987,4	173,1	189,0	198,4	211,7	214,7	214,8
Autonomous Republic of Crimea	31,9	34,1	35,1	34,9	34,8	33,7	150,7	156,5	169,5	176,6	177,3	172,3
oblasts												
Vinnitsya	24,3	25,7	25,3	25,8	26,9	25,6	127,6	137,7	141,3	152,5	161,6	154,8
Volyn	14,7	16,2	17,9	18,0	18,0	18,2	137,8	151,2	170,0	173,2	173,6	175,9
Dnipropetrovsk	82,4	93,1	93,7	93,2	93,1	92,9	211,5	242,4	255,7	270,6	274,2	275,6
Donetsk	79,7	82,3	86,4	94,0	90,1	84,9	149,6	158,9	177,3	204,0	199,1	189,2
Zhytomyr	28,8	31,1	32,5	32,3	32,3	32,4	191,8	211,5	230,3	242,7	247,3	250,3
Zakarpattia	22,3	24,0	24,2	24,8	26,2	26,2	177,1	187,1	189,9	199,7	211,5	211,6
Zaporizhzhya	31,9	33,2	36,4	37,1	37,0	36,8	152,6	160,3	184,3	199,4	202,1	202,1
Ivano-Frankivsk	18,6	20,3	20,5	20,6	23,1	22,9	130,0	139,2	141,8	149,0	167,7	166,3
Kyiv	31,4	35,4	35,1	34,3	34,2	35,8	161,8	187,5	194,5	195,0	197,4	207,9
Kirovohrad	26,2	27,9	27,2	27,0	26,8	28,8	212,1	230,1	238,3	254,1	259,2	282,0
Luhansk	52,0	52,7	53,9	53,4	51,9	51,2	181,4	189,5	207,0	222,2	220,7	219,9
Lviv	44,1	47,4	47,3	48,0	48,8	48,9	160,7	173,0	176,1	187,6	191,8	192,8
Mykolayiv	20,6	22,3	23,3	22,3	22,8	23,2	153,7	166,2	181,4	183,4	189,7	193,9
Odesa	51,1	51,4	48,3	50,9	52,0	48,9	195,4	200,1	195,1	212,8	217,9	205,3
Poltava	33,2	37,0	37,2	38,1	38,0	37,0	189,6	213,2	224,4	246,5	250,7	246,0
Rivne	20,1	23,3	22,7	23,7	23,3	26,9	171,6	196,2	192,9	204,7	202,8	233,6
Sumy	23,5	27,2	26,9	27,5	27,5	27,5	165,1	195,1	204,7	224,4	230,3	232,6
Ternopil	18,0	19,5	19,8	20,2	20,7	21,4	153,6	166,4	173,0	181,8	188,8	196,5
Kharkiv	56,1	59,0	57,2	60,9	60,3	58,1	176,8	192,2	195,8	216,3	217,0	210,2
Kherson	20,8	20,9	21,0	21,4	21,5	21,6	165,6	165,2	173,2	190,6	194,1	197,1
Khmelnyskiy	22,6	25,2	25,8	25,2	25,3	25,4	149,6	168,0	178,8	184,2	187,6	190,0
Cherkasy	25,1	27,3	27,4	27,6	27,6	29,3	164,2	181,7	191,5	206,2	210,7	225,2
Chernivtsi	15,3	15,2	15,1	15,9	16,4	16,9	162,2	161,2	162,4	175,3	182,3	187,1
Chernihiv	22,2	24,0	24,1	23,8	24,0	23,8	158,2	178,6	190,9	205,6	212,7	214,3
cities												
Kyiv	70,8	82,0	81,1	81,6	81,8	81,8	270,9	314,4	311,2	307,7	302,9	300,2
Sevastopol	7,2	7,8	7,6	7,4	7,4	7,3	177,4	191,6	196,1	195,1	197,3	192,0

21.7. Morbidity, by disease*(cases of newly registered diseases)*

	Thsd.						Per 100 thsd. population					
	1990	1995	2000	2005	2007	2008	1990	1995	2000	2005	2007	2008
Total diseases	32188	32547	33471	32912	32807	32467	62335	63474	67966	70138	70814	70460
including												
some infectious and parasitic diseases	1333	1504	1436	1337	1292	1279	2582	2934	2915	2850	2790	2777
neoplasm	310	327	382	408	407	406	601	639	776	870	879	882
diseases of blood and hemogenic organs and selected immunity disorders	114	191	246	238	232	228	221	373	499	506	500	495
diseases of endocrine system, nutrition and metabolic disorders ¹	307	272	596	549	540	530	594	531	1210	1170	1166	1150
psychological and behavioural disorders	265	267	243	228	220	227	514	521	494	486	475	492
diseases of the nervous system ²	2640	3037	748	754	752	753	5112	5923	1519	1607	1623	1635
diseases of eyes and eye adventive organ ²	...	...	1541	1615	1612	1611	...	...	3129	3441	3480	3497
diseases of ears and mammillary appendix ²	...	...	1149	1197	1197	1188	...	...	2332	2550	2584	2578
diseases of blood circulation system	1149	1390	2338	2430	2437	2478	2225	2710	4747	5179	5260	5377
diseases of respiratory organs	17021	15705	14639	13894	13946	13671	32962	30628	29727	29609	30101	29669
digestion disorders	1189	1332	1429	1410	1379	1362	2303	2597	2903	3004	2976	2955
diseases of skin and hypodermic cellular tissue	1799	2144	1996	1936	1952	1911	3483	4181	4053	4126	4213	4147
disease of bony and muscle systems and connective tissue	1374	1416	1571	1600	1569	1567	2661	2761	3191	3411	3387	3401
diseases of urogenital system	1224	1544	1939	2185	2132	2136	2370	3012	3937	4655	4601	4635
pregnancy, delivery and postnatal period	414	516	588	661	663	668	3358 ³	4051 ³	4621 ³	5342 ³	5448 ³	5552 ³
congenital anomalies (defects of growth), deformation and chromosome disorders	41	47	62	53	51	51	79	92	125	114	111	111
traumas, poisoning and some other consequences of external affects	2866	2647	2339	2264	2284	2263	5550	5161	4749	4825	4930	4912

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, since 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 infectious diseases

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total cases											
Acute intestinal diseases, thsd.	107,3	123,3	102,5	84,6	75,3	76,3	75,1	83,2	71,0	84,0	79,3
Typhoid fever and paratyphus A, B and C	172	189	103	46	31	34	38	90	23	13	8
Infections caused by salmonella, thsd.	16,5	15,3	8,0	7,8	8,5	8,1	6,8	7,5	7,8	10,1	9,8
Virus hepatitis including serum, thsd.	147,6	164,6	38,6	52,5	45,9	41,0	31,6	26,9	16,7	12,1	8,9
Flu and acute infections of respiratory organs, mln.	12,5	10,7	9,8	9,1	7,9	9,0	8,0	8,5	7,5	8,5	8,1
Scarlet fever, thsd.	32,2	16,7	16,1	14,1	16,6	10,6	9,2	10,3	11,6	15,2	18,3
Diphtheria	109	5277	365	283	285	158	123	98	68	81	61
Whooping cough, thsd.	4,2	1,2	2,2	2,2	0,4	0,8	2,2	1,5	2,5	2,2	1,0
Tetanus	102	72	36	34	36	34	20	16	24	28	17
Acute poliomyelitis	—	1	6	1	1	1	3	1	1	—	—
Measles, thsd.	6,8	1,9	0,8	17,0	7,5	0,4	0,1	2,4	42,7	1,0	0,0
Per 100 thsd. population, cases											
Acute intestinal diseases	207,8	240,4	208,1	174,7	157,0	160,2	159,0	177,3	152,3	181,2	172,1
Typhoid fever and paratyphus A, B and C	0,3	0,4	0,2	0,1	0,1	0,1	0,1	0,2	0,05	0,03	0,0
Infections caused by salmonella	32,0	29,8	16,2	16,1	17,6	16,9	14,4	15,9	16,7	21,7	21,3
Virus hepatitis including serum	285,8	320,9	78,3	108,3	95,6	86,0	66,8	57,3	35,9	26,1	19,4
Flu and acute infections of respiratory organs	24194	20935	19897	18874	16546	18816	16909	18051	16089	18419	17498
Scarlet fever	62,3	32,6	32,6	29,1	34,5	22,3	19,4	21,9	24,9	32,8	39,7
Diphtheria	0,2	10,3	0,7	0,6	0,6	0,3	0,3	0,2	0,1	0,2	0,1
Whooping cough	8,1	2,3	4,6	4,6	0,9	1,6	4,7	3,2	5,3	4,7	2,2
Tetanus	0,2	0,1	0,1	0,1	0,1	0,1	0,0	0,0	0,1	0,1	0,0
Acute poliomyelitis	—	0,00	0,01	0,00	0,00	0,00	0,01	0,00	0,00	—	—
Measles	13,2	3,8	1,7	35,0	15,6	0,9	0,3	5,1	91,7	2,2	0,1

21.9. New HIV infections and number of persons registered as HIV positive¹

	HIV infected persons						Of which positive persons					
	1995	2000	2005	2006	2007	2008	1995	2000	2005	2006	2007	2008
Total newly registered HIV infected person												
thsd.	1,5	6,3	13,8	16,1	17,7	19,0	0,04	0,7	4,2	4,7	4,6	4,4
per 100 thsd. population	2,9	12,9	29,4	34,5	38,2	41,2	0,1	1,3	9,0	10,1	9,9	9,5
Total patients registered at medical institutions, end of year												
thsd.	1,5	30,7	62,9	72,0	81,8	91,8	0,1	0,9	5,1	7,2	8,9	10,4
per 100 thsd. population	3,0	63,1	134,6	155,0	177,1	199,7	0,1	1,9	10,9	15,5	19,4	22,7

¹ Including foreign citizens

At the end of 2008, 58% of HIV infected and registered as HIV positive persons were males and almost 50% were those infected through drug injections.

21.10. HIV infected and HIV positive, by region¹*(total newly registered)*

	HIV infected persons					Including HIV infected persons – positive persons				
	2000	2005	2006	2007	2008	2000	2005	2006	2007	2008
Ukraine	6307	13786	16094	17685	18973	653	4220	4729	4575	4386
Autonomous Republic of Crimea	412	896	805	960	1005	92	235	192	227	233
oblasts										
Vinnitsya	101	248	325	339	314	8	82	103	114	118
Volyn	96	158	173	210	244	3	26	54	80	77
Dnipropetrovsk	920	2045	2465	2670	3085	17	778	1050	715	782
Donetsk	1503	2997	3608	3773	3992	73	1343	1336	1209	940
Zhytomyr	59	225	247	266	340	7	68	74	84	106
Zakarpattia	17	36	22	43	42	1	9	6	3	5
Zaporizhzhya	144	406	435	454	527	18	102	91	122	134
Ivano-Frankivsk	18	74	71	97	166	4	8	23	17	29
Kyiv	63	333	497	633	700	3	95	141	217	155
Kirovohrad	45	173	228	269	239	1	13	50	48	59
Luhansk	153	525	475	548	678	5	67	93	156	200
Lviv	89	209	242	255	315	5	43	104	75	114
Mykolayiv	453	802	1049	1167	1189	75	288	214	322	109
Odesa	977	1349	1470	1704	1555	275	442	251	186	179
Poltava	121	303	297	390	378	—	80	124	111	101
Rivne	22	82	105	158	216	4	9	18	32	25
Sumy	36	92	145	179	185	3	21	52	14	52
Ternopil	60	65	115	124	129	—	14	48	46	32
Kharkiv	153	401	440	453	517	8	42	61	73	94
Kherson	195	327	496	550	589	18	61	86	63	79
Khmelnyskiy	110	241	295	238	201	1	48	68	58	69
Cherkasy	151	300	331	376	358	3	94	138	161	177
Chernivtsi	25	62	46	67	90	9	23	41	40	36
Chernihiv	84	236	297	349	439	1	27	51	57	72
cities										
Kyiv	217	1023	1146	1184	1258	15	73	151	266	346
Sevastopol	83	178	269	229	222	4	129	109	79	63

¹ See the footnote to Table 21.9

HEALTH CARE AND SOCIAL AID

21.11. Incidence of malignant tumours

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total newly registered											
thsd.	155,4	158,6	156,6	155,0	155,3	155,3	155,9	157,5	153,6	154,1	152,9
per 100 thsd. population	301	309	318	320	324	326	330	336	330	333	332
Total patients registered at medical institutions, end of year											
thsd.	670,5	732,6	768,3	781,3	798,8	818,0	839,5	864,3	891,8	913,0	934,1
per 100 thsd. population	1297	1434	1567	1621	1672	1724	1782	1849	1919	1977	2032

21.12. Incidence of malignant tumours in 2008, by location

	Thsd.			Per 100 thsd. population		
	total	including		total	including	
		males	females		males	females
Total newly registered	152,9	74,0	78,9	331,9	348,4	317,9
including malignant tumour						
lips, mouth and throat	5,3	4,3	1,0	11,5	20,3	3,9
oesophagus	1,7	1,5	0,2	3,6	6,9	0,9
stomach	11,4	6,8	4,6	24,7	32,0	18,5
rectum	8,6	4,5	4,1	18,6	21,1	16,5
larynx	2,4	2,3	0,1	5,2	10,8	0,4
trachea, bronchi, lungs	16,7	13,7	3,0	36,4	64,7	12,2
skin	20,6	8,6	12,0	44,8	40,7	48,4
mammary glands	15,5	0,1	15,4	33,6	0,6	61,8
womb	11,6	×	11,6	46,6 ¹	×	46,6
kidney	5,0	2,9	2,1	10,8	13,8	8,3
urine bladder	5,0	4,1	0,9	10,8	19,1	3,8
thyroid gland	2,5	0,4	2,1	5,4	1,9	8,4
lymphatic and hemogenic tissue	7,5	3,8	3,7	16,3	17,8	15,1

¹ Per 100 thsd. females

HEALTH CARE AND SOCIAL AID

21.13. Incidence of mental illness

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total newly registered											
thsd.	128,9	135,6	129,0	124,0	120,0	115,8	115,5	113,6	108,0	112,6	115,1
per 100 thsd. population	250	264	262	256	250	243	244	242	232	243	250
Total registered at medical institutions, end of year											
thsd.	1178	1169	1202	1201	1191	1181	1177	1176	1179	1176	1176
per 100 thsd. population	2280	2288	2452	2493	2492	2490	2500	2516	2537	2545	2559

21.14. Incidence of active tuberculosis

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total newly registered											
thsd.	16,5	21,5	29,8	33,6	36,5	37,0	38,4	39,6	38,9	37,1	35,9 ¹
per 100 thsd. population	31,9	41,8	60,4	69,5	76,0	77,8	81,2	84,4	83,4	80,1	78,0
including active form of tuberculosis of respiratory organs											
thsd.	14,7	19,9	27,9	31,7	34,7	35,3	36,6	37,8	37,1	35,5	34,4
per 100 thsd. population	28,5	38,9	56,7	65,6	72,3	74,0	77,4	80,5	79,7	76,7	74,6
Total patients registered at medical institutions, end of year											
thsd.	98,3	99,5	122,9	131,8	138,6	141,4	106,7 ²	103,2	99,2	93,2	88,8
per 100 thsd. population	190,2	194,8	250,6	273,6	290,1	298,1	226,6	220,7	213,6	201,8	193,1

¹ Among the persons newly registered as sick of active form of tuberculosis in 2008 71% are males, 96% are sick of respiratory tuberculosis

² 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	2007	2008	1990	1995	2000	2005	2007	2008
Ukraine	16465	21459	29753	39608	37095	35925	31,9	41,8	60,4	84,4	80,1	78,0
Autonomous Republic of Crimea	548	747	1190	1743	1678	1706	26,1	34,2	57,2	88,0	85,4	87,0
oblasts												
Vinnitsya	726	668	999	1199	1008	1070	38,0	35,7	55,6	70,4	60,3	64,5
Volyn	308	469	611	714	702	672	29,0	43,7	58,0	68,7	67,9	65,0
Dnipropetrovsk	1120	1490	2329	2841	3219	3122	28,8	38,6	63,2	82,1	94,5	92,3
Donetsk	1496	2408	3364	4816	4325	4121	28,1	46,2	68,6	103,9	95,1	91,4
Zhytomyr	622	770	932	1295	1093	1170	41,0	52,1	65,7	96,8	83,3	90,0
Zakarpattia	479	420	616	737	742	746	38,2	32,8	48,3	59,2	59,8	60,2
Zaporizhzhya	670	949	1303	1736	1685	1500	32,1	45,7	65,6	92,9	91,6	82,1
Ivano-Frankivsk	500	591	837	1101	981	959	35,0	40,6	57,9	79,3	71,0	69,5
Kyiv	629	800	989	1244	1238	1227	32,4	42,1	54,5	70,5	71,2	71,1
Kirovohrad	478	447	736	1184	1067	1002	38,8	36,7	64,0	110,7	102,6	97,6
Luhansk	899	1282	1997	2784	2461	2383	31,4	45,8	76,2	115,0	104,1	101,9
Lviv	870	1301	1748	2023	1939	1828	31,8	47,4	65,0	78,9	76,2	72,0
Mykolayiv	453	573	941	1365	1262	1226	33,9	42,6	72,9	111,5	104,6	102,3
Odesa	1091	1248	1720	2292	2077	2084	41,7	48,4	69,3	95,6	87,1	87,5
Poltava	495	532	830	879	884	904	28,2	30,5	49,9	56,5	58,0	59,9
Rivne	405	664	776	940	864	879	34,6	55,8	65,7	81,2	75,0	76,4
Sumy	425	585	724	724	666	657	29,8	41,8	54,7	58,7	55,4	55,3
Ternopil	379	516	509	756	722	656	32,4	44,0	44,3	67,9	65,7	60,0
Kharkiv	975	1321	1593	2563	2199	2012	30,7	42,8	54,3	90,8	78,9	72,5
Kherson	543	624	1122	1978	1689	1369	43,4	49,2	92,2	174,9	152,0	124,2
Khmelnyskiy	497	563	786	887	871	863	32,8	37,4	54,3	64,4	64,4	64,3
Cherkasy	490	546	730	931	913	871	32,1	36,2	50,7	69,2	69,3	66,7
Chernivtsi	266	355	428	512	454	437	28,3	37,5	45,8	56,5	50,3	48,5
Chernihiv	509	603	792	901	842	928	36,2	44,5	62,2	77,0	74,2	82,9
cities												
Kyiv	498	852	956	1228	1256	1280	19,1	32,6	36,7	46,5	46,7	47,2
Sevastopol	94	135	195	235	258	253	23,4	33,0	50,1	62,4	68,4	67,0

21.16. Incidence of illnesses due to drug addiction

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total newly registered with psychological and behavioural disorders due to addiction to											
alcohol (alcoholism and alcohol psychoses)											
thsd.	66,1	63,6	51,8	52,3	51,9	52,7	56,2	57,0	53,9	59,0	60,2
per 100 thsd. population	128	124	105	108	108	111	119	122	116	127	131
narcotics and other psychoactive materials (excluding alcohol)											
drug and toxin addiction											
thsd.	3,4	12,3	11,7	12,2	11,2	9,2	7,3	6,9	6,4	5,8	6,0
per 100 thsd. population	6,6	24,0	23,9	25,1	23,3	19,3	15,5	14,7	13,6	12,5	13,0
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	679,3	668,9	659,0	656,0	650,2	643,2	636,6	633,5
per 100 thsd. population	1471	1441	1402	1410	1400	1389	1393	1391	1384	1378	1378
narcotics and other psychoactive materials, excluding alcohol (drug and toxin addiction)											
thsd.	22,5	46,5	76,0	82,3	86,6	88,3	88,4	87,9	86,6	85,1	83,1
per 100 thsd. population	44	91	155	171	181	186	188	188	186	184	181

At the end of 2008, 229 thsd. persons were registered as those addicted to alcohol, narcotics or other psychoactive materials, including 118 thsd. newly registered.

21.17. Incidence of venereal disease

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total newly registered											
Syphilis											
thsd.	3,1	61,0	45,2	37,8	30,8	26,2	23,1	19,8	16,1	13,9	11,6
per 100 thsd. population	6,0	119,0	91,9	78,1	64,1	54,9	48,9	42,2	34,5	30,0	25,1
Gonorrhoea											
thsd.	37,8	45,9	26,1	24,8	22,5	20,5	19,4	18,2	15,4	13,8	12,5
per 100 thsd. population	73,2	89,4	52,9	51,2	46,8	42,9	41,0	38,7	33,1	29,9	27,2
Total sick of syphilis registered at medical institutions, end of year											
thsd.	15,8	114,9	168,1	151,4	135,7	121,2	108,7	96,2	86,4	78,2	70,7
per 100 thsd. population	30,5	225,0	342,8	314,2	284,1	255,5	230,9	205,7	185,9	169,3	153,8

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21.18. Abortions

	1990	1995	2000	2001	2002	2003	2004	2005	2006 ¹	2007	2008
Total abortions ² , thsd.	1019	740	434	370	346	316	289	264	230	225	217
per 1000 women aged 15–49	82,6	58,2	34,1	29,4	27,6	25,3	23,2	21,3	18,7	18,5	18,1
per 100 deliveries (including still-born)	155	150	113	98	89	77	68	62	51	48	43

¹ Based on data from the Ministry of Health Care of Ukraine² Includes mini abortions conducted by applying vacuum aspiration during the first weeks of pregnancy**21.19. Industrial injuries**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
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Thsd.

Total injured with one or more days of disability and fatal accidents	139,6	80,5	34,3	33,9	27,8	25,7	23,3	21,2	19,7	18,8	16,5 ¹
including fatal accidents	2,6	2,1	1,2	1,3	1,2	1,1	1,1	1,0	1,0	1,1	0,9
Total man-days of disability	3182	2122	...	1029	893	860	839	769	746	706	653

Per 1000 employees

Total injured with one or more days of disability and fatal accidents	6,2	4,5	2,6	2,7	2,3	2,1	1,9	1,8	1,7	1,6	1,4
including fatal accidents	0,117	0,116	0,095	0,105	0,100	0,094	0,089	0,084	0,083	0,093	0,080
Total man-days of disability	140,7	118,2	...	81,3	72,7	71,9	70,2	65,7	63,6	61,6	56,7

Per 1 injured

Total man-days of disability	22,8	26,4	...	30,3	32,1	33,5	36,1	36,3	37,8	37,6	39,6
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¹ Therefore, 0,7 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 2008, traumas unrelated to production caused injuries of 3,2 thsd. persons; death of 0,8 thsd. persons, loss of 55 thsd. man-days of work, 17 man-days per one injured person.

In 2008, 5,0 UAH bln. were spent **for labour protection measures** or 432 UAH per one employee.

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21.20. Industrial injuries, by region

	Thsd.						Per 1000 employees					
	1990	1995	2000	2005	2007	2008	1990	1995	2000	2005	2007	2008
Ukraine	139,6	80,5	34,3	21,2	18,8	16,5	6,2	4,5	2,6	1,8	1,6	1,4
Autonomous Republic of Crimea	3,0	1,0	0,5	0,4	0,5	0,4	2,9	1,4	1,1	1,0	1,0	0,9
oblasts												
Vinnitsya	3,5	1,6	0,5	0,5	0,4	0,4	4,2	2,3	1,0	1,2	1,2	1,1
Volyn	2,0	1,2	0,6	0,5	0,5	0,4	4,4	3,4	2,1	2,1	2,1	1,7
Dnipropetrovsk	8,3	5,9	2,5	1,9	1,6	1,3	5,0	3,9	2,3	1,7	1,5	1,3
Donetsk	40,1	31,5	12,9	6,4	6,2	5,3	17,3	16,7	9,3	5,0	4,8	4,2
Zhytomyr	2,7	1,4	0,4	0,4	0,4	0,3	4,1	2,6	0,9	1,3	1,3	1,1
Zakarpattya	1,0	0,2	0,2	0,1	0,1	0,1	2,0	0,6	0,7	0,5	0,4	0,3
Zaporizhzhya	5,4	2,4	1,0	0,8	0,7	0,7	5,6	2,9	1,6	1,5	1,3	1,3
Ivano-Frankivsk	1,2	0,4	0,2	0,3	0,2	0,2	2,1	0,9	0,6	1,0	0,8	0,8
Kyiv	4,0	1,5	0,4	0,4	0,4	0,3	5,3	2,7	1,0	1,1	0,9	0,8
Kirovohrad	3,2	1,4	0,6	0,4	0,3	0,2	5,8	3,1	1,9	1,5	1,2	1,0
Luhansk	20,7	12,7	6,3	3,0	2,4	2,3	16,1	12,6	9,1	4,8	4,1	3,9
Lviv	2,7	1,6	1,8	0,8	0,6	0,5	2,2	1,6	2,5	1,3	1,0	0,9
Mykolayiv	2,7	1,4	0,5	0,3	0,2	0,2	4,4	2,7	1,4	1,1	0,8	0,7
Odesa	5,0	1,5	0,5	0,5	0,3	0,3	4,4	1,8	1,0	0,8	0,6	0,5
Poltava	4,0	1,9	0,7	0,5	0,4	0,4	4,9	3,0	1,4	1,2	1,0	1,0
Rivne	2,3	1,0	0,2	0,2	0,2	0,2	4,7	2,3	0,8	0,9	0,9	0,7
Sumy	4,3	2,0	0,7	0,6	0,5	0,5	6,5	3,7	1,8	2,0	1,9	1,9
Ternopil	1,8	0,7	0,2	0,2	0,1	0,1	3,6	1,8	0,6	0,7	0,7	0,6
Kharkiv	7,1	2,5	0,9	0,8	0,7	0,6	5,3	2,3	1,1	1,1	1,0	0,8
Kherson	3,0	1,3	0,4	0,3	0,2	0,2	5,3	3,0	1,5	1,2	1,1	0,9
Khmelnyskiy	2,4	1,2	0,5	0,3	0,3	0,3	3,4	2,1	1,2	1,0	1,1	1,0
Cherkasy	2,2	1,0	0,4	0,3	0,3	0,2	3,2	1,7	0,9	0,9	1,0	0,8
Chernivtsi	0,9	0,3	0,1	0,1	0,1	0,1	2,4	1,0	0,4	0,6	0,7	0,7
Chernihiv	3,1	1,6	0,5	0,3	0,3	0,2	5,2	3,2	1,3	1,1	1,0	0,7
cities												
Kyiv	3,0	1,1	0,7	0,8	0,8	0,7	2,3	1,4	1,1	0,8	0,8	0,7
Sevastopol	...	0,2	0,1	0,1	0,1	0,1	...	1,5	1,3	1,8	1,6	0,9

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21.21. Industrial deaths, by region

	Persons						Per 1000 employees					
	1990	1995	2000	2005	2007	2008	1990	1995	2000	2005	2007	2008
Ukraine	2640	2083	1239	989	1069	927	0,117	0,116	0,095	0,084	0,093	0,080
Autonomous Republic of Crimea	104	57	44	30	28	60	0,102	0,084	0,089	0,068	0,063	0,136
oblasts												
Vinnitsya	133	85	37	22	28	18	0,159	0,124	0,074	0,059	0,079	0,051
Volyn	45	41	22	13	19	20	0,099	0,114	0,083	0,057	0,084	0,089
Dnipropetrovsk	188	169	75	92	84	87	0,112	0,112	0,070	0,085	0,078	0,081
Donetsk	386	356	216	177	288	182	0,166	0,189	0,156	0,137	0,225	0,145
Zhytomyr	67	46	29	21	27	24	0,104	0,087	0,075	0,067	0,092	0,084
Zakarpattia	41	25	13	13	11	6	0,087	0,069	0,051	0,063	0,049	0,028
Zaporizhzhya	101	74	52	49	39	21	0,104	0,091	0,083	0,089	0,073	0,040
Ivano-Frankivsk	50	39	14	14	21	18	0,084	0,093	0,045	0,057	0,082	0,070
Kyiv	89	64	32	41	35	36	0,116	0,111	0,075	0,104	0,089	0,089
Kirovohrad	58	46	31	23	17	20	0,104	0,101	0,102	0,085	0,069	0,084
Luhansk	212	195	202	84	91	85	0,165	0,192	0,290	0,138	0,154	0,145
Lviv	121	69	36	47	45	39	0,100	0,071	0,049	0,084	0,077	0,065
Mykolayiv	67	57	23	19	16	16	0,108	0,112	0,064	0,065	0,057	0,060
Odesa	140	115	64	48	32	30	0,123	0,137	0,118	0,083	0,056	0,050
Poltava	95	77	31	27	33	35	0,117	0,122	0,064	0,061	0,080	0,085
Rivne	58	31	20	12	21	13	0,119	0,073	0,073	0,048	0,090	0,057
Sumy	83	50	37	24	14	19	0,127	0,094	0,094	0,081	0,052	0,072
Ternopil	56	46	21	18	17	14	0,114	0,112	0,073	0,091	0,091	0,073
Kharkiv	139	111	54	48	31	30	0,104	0,103	0,067	0,066	0,043	0,042
Kherson	72	61	34	15	12	22	0,125	0,137	0,115	0,068	0,060	0,103
Khmelnyskiy	84	59	35	28	18	23	0,118	0,105	0,079	0,087	0,061	0,079
Cherkasy	88	54	19	14	18	22	0,130	0,096	0,047	0,047	0,061	0,076
Chernivtsi	37	19	10	4	10	7	0,098	0,066	0,050	0,024	0,062	0,044
Chernihiv	56	52	36	23	14	18	0,093	0,102	0,101	0,081	0,051	0,067
cities												
Kyiv	70	73	46	76	94	62	0,053	0,093	0,069	0,077	0,095	0,056
Sevastopol	...	12	6	7	6	—	...	0,109	0,072	0,097	0,089	—

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21.22. Disabled persons, by region*(beginning of 2009)*

	Total	Including				Per 1000 population
		1 st group	2 nd group	3 rd group	disabled children ¹	
Ukraine	2430115	272438	1083293	1034868	39516	53
Autonomous Republic of Crimea	116129	13184	60944	40763	1238	59
oblasts						
Vinnitsya	100807	13984	38498	46786	1539	61
Volyn	66473	7667	29957	28083	766	64
Dnipropetrovsk	149833	15374	60254	70933	3272	44
Donetsk	237533	23679	89782	120126	3946	53
Zhytomyr	84429	13532	37320	32280	1297	65
Zakarpattia	53497	4358	23775	24342	1022	43
Zaporizhzhya	86010	9553	38247	36595	1615	47
Ivano-Frankivsk	76496	6113	34045	35077	1261	55
Kyiv	91965	10084	49986	30047	1848	53
Kirovohrad	49483	4719	22070	21679	1015	48
Luhansk	105349	10323	47519	45633	1874	45
Lviv	154093	13711	57137	81106	2139	61
Mykolayiv	56292	5650	23056	26681	905	47
Odesa	129916	16627	71279	40342	1668	55
Poltava	75753	8877	33925	31806	1145	50
Rivne	58751	4944	23720	29020	1067	51
Sumy	56292	7635	25082	22550	1025	48
Ternopil	50405	5858	21351	22475	721	46
Kharkiv	135846	12144	67176	54330	2196	49
Kherson	45550	5226	18060	21598	666	41
Khmelnyskiy	99495	13116	40476	44634	1269	74
Cherkasy	80744	10451	33546	35480	1267	62
Chernivtsi	39302	3358	17953	17255	736	44
Chernihiv	76132	13571	33220	28510	831	68
cities						
Kyiv	137071	16909	75841	41398	2923	50
Sevastopol	16469	1791	9074	5339	265	44

¹ Disabled children younger than 18 entitled to social pensions

21.23. Persons declared disabled for the first time in 2008, 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	183,5	146,7	100,0	100,0	49	55
due to the following diseases						
infectious and parasitic diseases	9,3	9,1	5,1	6,2	2	3
neoplasm	34,1	24,9	18,6	16,9	9	9
endocrine system, nutrition and metabolic disorders	7,6	5,8	4,1	4,0	2	2
blood and hemogenic organs and selected disorders involving the immunity	0,4	0,4	0,2	0,2	0	0
psychological and behavioural disorders	10,3	9,9	5,6	6,8	3	4
nervous system	10,2	9,3	5,6	6,4	3	3
eyes and eye adventive organ	6,4	4,7	3,5	3,2	2	2
ears and mamillary appendix	1,2	1,1	0,7	0,8	0	0
blood circulation	44,9	29,3	24,5	19,9	12	11
respiratory organs	5,8	4,9	3,1	3,3	2	2
digestion organs	5,3	5,0	2,9	3,4	1	2
urogenital system	2,4	2,1	1,3	1,5	1	1
bony and muscle systems and connective tissue	18,8	15,5	10,2	10,6	5	6
traumas, poisoning and consequences of other external reasons, other reasons	26,8	24,7	14,6	16,8	7	9

¹ Population aged 18 and older² All population of working age

Of total number of the injured, 6,9 thsd. persons were recognised disabled due to a work related injury or an occupational disease, of whom 5,9 thsd. (86,4%) 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	2008	1995	2000	2005	2008	1995	2000	2005	2008
Ukraine	261,2	215,2	212,2	183,5	71,4	62,6	64,9	56,2	65	54	56	49
Autonomous Republic of Crimea	14,8	13,1	11,3	7,6	4,2	4,0	4,0	2,5	87	77	70	47
oblasts												
Vinnitsya	8,1	7,6	7,8	7,7	4,0	3,5	3,6	3,6	55	53	58	57
Volyn	6,0	4,7	4,0	4,0	2,5	1,9	1,8	1,8	74	58	50	50
Dnipropetrovsk	19,7	15,7	15,5	12,6	2,5	2,0	2,0	1,8	64	52	55	45
Donetsk	32,7	21,5	24,4	20,4	3,6	2,8	2,7	1,7	78	53	63	54
Zhytomyr	7,6	7,4	6,3	5,5	3,2	3,0	2,5	2,3	65	65	59	53
Zakarpattia	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	7,1	1,9	1,6	1,5	1,4	68	50	52	47
Ivano-Frankivsk	4,7	5,7	5,5	4,8	2,3	2,8	3,1	2,6	43	51	51	44
Kyiv	10,8	7,4	7,1	6,7	4,2	2,8	2,8	2,6	72	50	50	47
Kirovohrad	6,3	4,7	4,6	3,9	2,4	1,7	1,6	1,5	66	51	54	46
Luhansk	11,5	9,8	10,6	8,9	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	4,3	74	61	56	53
Mykolayiv	5,0	5,3	6,2	5,2	1,4	1,6	2,0	1,8	48	52	63	53
Odesa	12,6	11,8	12,9	10,0	3,7	4,3	4,7	4,0	62	59	67	52
Poltava	8,9	7,7	6,6	6,1	3,5	3,1	2,6	2,4	64	57	52	48
Rivne	6,3	5,5	5,0	4,5	3,3	2,7	2,5	2,3	71	61	57	51
Sumy	7,8	5,6	3,9	3,8	2,6	1,6	1,1	1,1	70	52	39	38
Ternopil	4,0	3,5	4,9	4,1	2,0	1,7	2,8	2,3	44	38	56	47
Kharkiv	14,5	12,0	9,9	9,5	2,9	2,2	1,7	1,6	58	49	42	40
Kherson	6,0	4,6	5,0	3,9	1,8	1,5	1,9	1,5	62	48	55	43
Khmelnyskiy	6,3	6,0	5,7	6,8	2,5	2,5	2,4	2,9	53	51	52	62
Cherkasy	7,7	7,0	6,2	4,9	3,0	2,5	2,4	1,9	64	60	57	45
Chernivtsi	3,0	3,3	4,0	3,2	1,5	1,6	2,3	1,9	42	45	57	46
Chernihiv	8,9	6,4	5,7	5,2	3,7	2,4	2,2	1,9	81	61	59	55
cities												
Kyiv	16,1	12,5	12,5	10,2	—	—	—	—	78	58	56	45
Sevastopol	1,7	1,8	2,1	1,7	0,05	0,1	0,1	0,1	53	57	68	53

21.25. Boarding houses for the aged and disabled (adults and children)*(end of year)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total boarding houses	274	280	275	288	314	314	316	319	320	321	322
in which beds, thsd.	61,9	58,1	53,0	54,0	55,1	55,8	56,5	57,1	57,9	58,1	58,8
for aged and disabled adults	50,6	47,9	43,8	45,0	46,1	46,8	47,6	48,3	49,1	49,5	50,5
for disabled children	11,3	10,2	9,2	9,0	9,0	9,0	8,9	8,8	8,8	8,6	8,3

In 2008, 908 departments for social assistance serviced 520,8 thsd. persons, and 743 territory centres rendered consumer and medical services and provided social assistance to disabled persons using resident and temporary facilities and at their homes.

21.26. Boarding houses for the aged and disabled (adults and children), by region

	Total boarding houses					In which beds				
	1990	1995	2000	2005	2008	1990	1995	2000	2005	2008
Ukraine	274	280	275	319	322	61883	58068	52997	57124	58791
Autonomous Republic of Crimea	6	7	10	10	11	1490	1704	1802	1932	1994
oblasts										
Vinnitsya	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	3954
Donetsk	19	18	17	19	20	6265	5707	5185	5914	6131
Zhytomyr	13	12	12	15	15	2680	2425	2249	2644	2637
Zakarpattia	9	9	7	7	7	1721	1721	1396	1422	1343
Zaporizhzhya	12	12	11	11	11	2725	2570	2240	2390	3096
Ivano-Frankivsk	8	8	8	8	8	1610	1360	1325	1325	1251
Kyiv	7	9	9	12	12	1445	1592	1699	1982	1988
Kirovohrad	12	12	12	12	12	2341	2065	1590	1885	1900
Luhansk	14	14	14	19	19	3475	3138	2616	3268	3347
Lviv	15	13	13	13	13	2985	1966	1650	1748	1800
Mykolayiv	10	10	10	10	10	1805	1481	1417	1542	1593
Odesa	10	10	10	10	10	2301	2277	2149	2140	2175
Poltava	13	14	14	14	14	2865	2965	2600	2675	2695
Rivne	6	6	7	7	7	1370	1275	1165	1151	1203
Sumy	14	13	13	13	13	2604	2087	1957	2011	2031
Ternopil	7	7	7	7	7	1376	1276	1276	1276	1276
Kharkiv	16	16	16	18	18	3675	3675	3675	3660	3392
Kherson	6	6	6	11	11	1755	1651	1443	1650	1718
Khmelnyskiy	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	1030
Chernihiv	10	9	9	9	9	2316	2085	1975	2028	2113
cities										
Kyiv	6	7	7	7	8	2255	2507	2507	2507	2647
Sevastopol	1	1	1	1	1	170	170	170	179	179

HEALTH CARE AND SOCIAL AID

21.27. Target cash benefit to low-income persons incapable of working in 2008*(by Pension Fund)*

	Number of beneficiaries, thsd.		Average benefit per person, UAH
	total	including in rural areas	
Total	595,7	261,4	43,67
of which pensioners			
retired due to disability	57,7	30,3	56,33
survivors who lost their benefactor	0,9	0,4	35,46
entitled to social benefits	102,9	49,9	37,52
Of the total, lonely pensioners	38,3	15,3	57,25

21.28. Cash and in-kind assistance to low-income persons incapable of working in 2008*(provided by social protection agencies, charity organizations and other establishments)*

	Persons in need for assistance, thsd.		Of which lonely, incapable of working and disabled persons		Average benefit per person, UAH
	total	of which in rural areas	total	of which in rural areas	
Registered as in need for assistance	1841115	920682	1060,7	523,3	×
Received assistance					
cash	478,5	193,0	221,3	127,1	175,7
in-kind	1166,5	572,0	822,4	397,7	95,3

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.

HEALTH CARE AND SOCIAL AID

21.29. Selected boarding schools and establishments for social protection of children*(end of year)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Boarding schools for orphans and children deprived of parents' guardianship									
establishments	44	45	52	53	54	54	55	53	51
enrollment ¹	12254	12090	13173	13110	12593	11954	10553	9145	7926
Children's homes subordinated to the Ministry of Education and Science									
establishments	83	91	96	101	106	109	114	115	115
enrollment ¹	5552	5910	6116	6417	6690	6434	6119	5918	5486
Children-orphans homes subordinated to the Ministry of Health Care									
establishments	46	47	48	48	50	48	48	48	...
enrollment ¹	4969	4775	5132	5205	5387	5200	4946	4398	...
Boarding houses subordinated to the Ministry of Labour and Social Policy									
establishments	58	57	56	56	56	56	56	56	55
enrollment ¹	7977	7865	7781	7856	7716	7475	7304	7158	7125
Shelters for minors									
establishments	86	88	91	94	93	96	95	95	94
pupils	27773	28477	30007	28432	26194	23674	21221	20593	17780

¹ The total number of children who are in boarding establishments, excluding orphans, include children that have parents

At the end of 2008, 2605 pupils resided at 400 family type children's homes, 4050 in 2461 foster homes and 3930 in 30 centres of social and psychological rehabilitation.

21.30. Adopted orphans and children deprived of parents' guardianship*(persons)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Quantity of adopted children during the year	7692	7593	6925	6345	5596	5241	4318	5229	5261
Ukrainian citizens, total	5492	4921	4584	4103	3515	3085	3184	3528	3644
from orphans and children deprived of parental guardianship	2043	1999	1760	1635	1492	1419	1477	1784	2066
from children living with one of the parents and adopted either by step-father or step-mother	3449	2922	2824	2468	2023	1666	1707	1744	1578
Adopted by foreigners, total	2200	2672	2341	2242	2081	2156	1134	1701	1617
from orphans and children deprived of parental guardianship	2200	2672	2341	2187	2058	2110	1092	1670	1587
from children living with one of the parents and adopted either by step-father or step-mother	...	...	...	55	23	46	42	31	30
Orphans and children deprived of parental guardianship by the end of year, total	...	...	...	96112	97590	97829	102912	102924	103542

**21.31. Children who were in centres of social and psychological rehabilitation
and shelter-care facilities for children¹**

	Children who were in centres of social and psychological rehabilitation			Children who were in shelter-care facilities		
	2006	2007	2008	2006	2007	2008
Total	15109	5520	3930	21221	20593	17780
town-dwellers	12534	3884	2017	12588	11683	9948
rural dwellers	2575	1636	1913	8633	8910	7832
boys	10217	4054	2084	13429	12836	10788
girls	4892	1466	1846	7792	7757	6992
Have complete family	8682	3383	1470	5083	5166	4373
Have incomplete family	5689	1514	1105	11142	10846	10309
Children from families where parents evade their responsibilities	438	743	557	×	×	×
Orphans and children deprived of parents guardianship						
those at general educational institutions, family houses, vocational training schools	116	102	963	4200	3717	2471
those sent to centres to settle their affairs	134	324	284	×	×	×
those who live in family-type children's homes	×	×	×	36	26	17
those who live in tutors' family or with curators	460	197	108	760	838	610
Those in centres or shelter-care facilities due to ²						
difficult life circumstances	14465	4668	3086	×	×	×
absence of family environment	331	409	549	×	×	×
transition from shelter-care facilities for children	257	356	287	×	×	×
cruel behaviour	56	87	8	×	×	×
vagrancy, without care, mendicancy	×	×	×	11735	11324	9820
conflicts with counterparts, adults at educational institutions	×	×	×	1768	1604	1317
physical abuse	×	×	×	195	146	153
mental violence	×	×	×	44	74	35
sexual violence	×	×	×	24	12	7
child's individual application	×	×	×	1809	1523	1404
withdrawal from family	×	×	×	5018	5401	4638
lost, found	×	×	×	510	389	383
violation of the rights to housing and property	×	×	×	104	65	19
involvement into the worst labour (porno-sex business, exploitation, etc.)	×	×	×	14	55	4
Approached centres individually	13388	4018	2469	×	×	×
Got into shelter-care facilities several times	×	×	×	2118	1924	1650

¹ Data from the Ministry of Ukraine on Families, Youth and Sport

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 2008, 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	1424,6	128343,8	399,5	198367,6
Autonomous Republic of Crimea	25,0	882,8	13,5	6207,0
oblasts				
Vinnitsya	64,1	3734,7	61,5	35209,3
Volyn	25,0	2229,4	7,4	2409,0
Dnipropetrovsk	82,2	8757,2	6,3	3083,9
Donetsk	224,3	26525,5	15,0	7125,0
Zhytomyr	50,0	2255,9	30,5	14321,6
Zakarpattia	23,7	2047,2	10,5	4528,4
Zaporizhzhya	46,0	3517,0	10,5	4667,8
Ivano-Frankivsk	29,7	5139,8	6,7	3007,3
Kyiv	50,5	5452,1	11,1	6150,8
Kirovohrad	49,3	3379,9	26,1	15971,7
Luhansk	82,4	9572,4	6,6	3721,4
Lviv	50,5	6634,9	5,4	2091,7
Mykolayiv	18,8	823,9	10,8	3675,3
Odesa	30,0	1811,6	17,0	8165,2
Poltava	51,2	5023,6	6,8	3748,0
Rivne	22,6	2687,3	8,0	2578,4
Sumy	79,3	5811,0	24,3	10627,2
Ternopil	31,3	2536,6	8,3	3711,7
Kharkiv	136,8	12952,8	15,0	8685,5
Kherson	28,2	1679,8	12,8	6670,9
Khmelnyskiy	46,5	3858,4	24,1	12393,6
Cherkasy	59,0	4055,7	30,6	17028,3
Chernivtsi	16,0	823,8	12,3	5754,6
Chernihiv	63,1	4031,6	18,2	6717,6
cities				
Kyiv	37,7	2049,1	0,0	17,4
Sevastopol	1,4	69,8	0,2	99,0

22. CULTURE, LEISURE, SPORT AND TOURISM

The section reports data on cultural and arts establishments, and publication of printed editions. It also shows statistics that describe the development of sanatoria and health resorts, rest and sport and tourism facilities in Ukraine.

Cultural establishments comprise theatres, philharmonic societies, television and radio broadcasting companies, demonstrators of films, publishing houses, museums, libraries, club establishments, circuses, parks for recreation and leisure, extracurricular institutions for children and the youth to be trained in aesthetic education.

Demonstrators of films are entities of cinematography that demonstrate (organize public demonstrations) films (cinemas, urban and rural film projectors, video halls and video units).

Exhibition centers are enterprises whose main activity is to organize exhibitions, and provide services related to the design and conduct of exhibitions (fairs). Exhibition centers should employ the 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.

Organizers 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 the actions associated with demonstration of products and services to be promoted on the domestic or international market with the purpose of studying the situation on the market.

Fairs are the actions 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 establishments equipped with beds for patients undergoing rehabilitation treatment, mainly on the basis of a healing natural environment. These establishments are specialized and can

be either for one ailment or multi-purpose. The establishments also have beds equipped with necessary supplies for the month of their maximum use.

Rest facilities, boarding 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.

Health care establishments for children are set up for the purpose of entitling each child to enjoy standard rest and health improving facilities. Most popular are health establishments for children with day attendance that are based on general educational institutions and used during the summer period only. Also, there are the following categories of establishments that may be operational in summer: sanatorium-like institutions, suburban rest facilities, leisure and labour centers, those for senior pupils and students, etc.

Sports school is a component of system for physical training and sports that gives knowledge, shapes and secures individual's needs in creative self-actualization 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 organized 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.

CULTURE, LEISURE, SPORT AND TOURISM

22.1. Basic establishments of culture and art in 1913–2008

	Theatres	Museums	Libraries	Movie demonstrators	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

¹ At the end of 1914

22.2. Theatres, concert organizations and museums

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total professional theatres (including drama schools), end of year	125	136	131	129	131	135	133	135	137	138	138
opera and ballet	7	7	6	6	7	7	7	7	7	7	7
drama and musical comedy	82	89	87	85	86	89	85	88	89	90	90
children's	36	40	38	38	38	39	41	40	41	41	41
Attendance of theatres per year, mln.	17,6	8,3	5,7	5,9	6,2	6,1	6,0	6,2	6,3	6,6	7,0
Total concert organizations	44	53	61	61	67	71	77	78	81	79	77
Attendance of concert organizations per year, mln.	15,0	7,3	3,8	4,6	6,6	4,0	4,9	4,4	4,1	4,2	4,0
Total museums (including their branches), end of year	214	314	378	386	376	394	422	437	445	458	478 ¹
Attendance of museums per year, mln.	31,8	17,4	16,0	17,1	17,5	17,6	18,5	18,9	20,2	21,1	21,9

¹ In 2008, of total number of museums 164 were museums of local lore, 141 history and archaeological, 75 museums of fine arts and 47 literary museums

At the end of 2008, the state registration kept record of 142,9 thsd. immovable historical and cultural monuments, of which 69,8 thsd. monuments of archeology, 53,2 thsd. monuments of history, 2,9 thsd. monuments of monumental art, 16,6 thsd. monuments of urban construction and architecture, 270 of garden art, 33 of landscape and 51 of science and technology.

22.3. Libraries, movie demonstrators and cultural establishments

	Total						Including in rural areas					
	1990	1995	2000	2005	2007	2008	1990	1995	2000	2005	2007	2008
Total general and universal libraries, thsd.	25,6	23,8	20,7	19,8	20,8	20,6	18,7	18,0	15,7	15,1	15,0	15,1
Library stocks, mln. copies	419	370	343	330	345	352	188	168	151	146	143	142
Movie demonstrators, thsd.	27,2	16,1	6,9	3,3	3,0	2,4	22,2	13,6	5,9	2,5	2,2	1,8
Cinema attendance per year, mln.	552	36	6	10	18	10	200	15	2	1	1	1
Club-houses, thsd.	25,1	23,0	20,4	19,1	18,9	18,8	21,0	19,8	17,7	16,8	16,7	16,6
total seats, mln.	6,5	5,9	5,4	5,0	4,8	4,8	4,8	4,6	4,3	4,0	4,0	3,9

22.4. Cultural and arts establishments in 2008, by region

	Theatres	Museums	Libraries		Movie demonstrators ¹		Club-houses	
			total	of which in rural areas	total	of which in rural areas	total	of which in rural areas
Ukraine	138	478	20628	15079	2417	1752	18790	16609
Autonomous Republic of Crimea	6	20	798	523	98	15	656	518
oblasts								
Vinnitsya	2	26	1051	884	335	296	1170	1058
Volyn	2	10	574	489	14	3	676	629
Dnipropetrovsk	13	8	849	473	15	2	633	519
Donetsk	5	23	1039	373	40	—	692	416
Zhytomyr	2	7	963	809	32	—	1096	1014
Zakarpattia	4	9	509	432	40	23	471	434
Zaporizhzhya	5	22	582	391	50	33	482	407
Ivano-Frankivsk	4	16	770	645	301	270	722	660
Kyiv	1	22	912	778	45	20	852	785
Kirovohrad	2	30	606	480	44	28	613	538
Luhansk	5	17	775	372	10	1	568	385
Lviv	11	19	1369	1151	88	67	1403	1268
Mykolayiv	3	3	524	403	28	8	547	491
Odesa	9	13	920	708	163	132	742	693
Poltava	2	30	833	709	40	22	868	801
Rivne	2	11	578	500	33	20	682	637
Sumy	2	13	613	484	10	2	644	572
Ternopil	2	20	924	821	94	80	923	870
Kharkiv	7	33	1337	639	129	107	716	622
Kherson	2	6	1019	523	74	19	454	400
Khmelnyskiy	3	18	961	835	253	227	1193	1106
Cherkasy	2	27	752	659	155	127	744	689
Chernivtsi	3	4	410	351	138	120	392	354
Chernihiv	4	29	755	633	146	123	792	726
cities								
Kyiv	31	38	142	—	26	—	26	—
Sevastopol	4	4	63	14	16	7	33	17

¹ In 2008, based on data from the Ministry of Culture and Tourism of Ukraine, of the total number of demonstrators only 1216 demonstrators functioned: 496 in urban areas and 720 in rural areas

22.5. Availability of cultural establishments, by region*(per 100 population)*

	Library stocks, items				Seats in halls for movie demonstrations				Seats in club-houses			
	1990	1995	2000	2008	1990	1995	2000	2008	1990	1995	2000	2008
Ukraine	806	715	693	763	11	7	4	2	13	12	11	10
Autonomous Republic of Crimea	725	654	658	644	14	5	1	2	13	9	10	10
oblasts												
Vinnitsya	1107	1082	1057	1065	16	10	11	7	22	21	21	21
Volyn	897	795	718	660	14	10	2	1	19	16	14	14
Dnipropetrovsk	657	582	557	713	7	2	1	0,2	8	7	6	5
Donetsk	587	543	533	656	7	3	1	0,3	6	6	5	5
Zhytomyr	945	864	841	878	14	11	4	0,5	21	20	19	19
Zakarpattia	781	678	591	530	9	6	5	1	13	11	10	8
Zaporizhzhya	666	583	551	564	12	7	2	1	11	9	9	8
Ivano-Frankivsk	830	687	667	679	10	7	7	4	13	12	12	12
Kyiv	760	690	654	630	11	7	4	1	13	13	12	12
Kirovohrad	987	890	860	863	16	12	2	1	19	18	18	18
Luhansk	580	521	481	619	8	4	0,4	0,2	7	7	6	6
Lviv	789	598	548	758	9	6	2	0,4	11	10	10	10
Mykolayiv	882	836	801	768	13	3	2	1	15	13	13	13
Odesa	975	838	842	903	9	7	6	3	10	11	10	8
Poltava	922	840	821	812	16	13	8	1	17	17	17	16
Rivne	956	806	769	985	12	7	4	0,5	15	14	13	12
Sumy	931	829	785	757	14	7	3	0,2	17	16	16	15
Ternopil	1030	778	744	752	14	13	4	2	20	19	18	18
Kharkiv	903	757	822	1009	7	5	1	2	9	8	7	7
Kherson	728	652	644	1555	15	10	8	1	15	14	12	11
Khmelnyskiy	1073	1047	1024	886	16	13	6	5	24	23	23	23
Cherkasy	1012	903	952	884	17	13	11	3	19	18	18	18
Chernivtsi	912	786	734	683	11	9	8	4	14	12	12	11
Chernihiv	935	914	922	960	15	13	9	4	18	18	17	18
cities												
Kyiv	566	497	418	398	2	1	1	0,3	2	1	0,4	0,5
Sevastopol	...	...	609	612	...	...	2	1	...	...	3	3

22.6. Attendance at cultural and arts establishments, by region*(per 100 population)*

	Museums				Theatres				Concert organizations				Cinema performances			
	1990	1995	2000	2008	1990	1995	2000	2008	1990	1995	2000	2008	1990	1995	2000	2008
Ukraine	61	34	32	47	34	16	11	15	29	14	8	9	1064	69	12	23
Autonomous Republic of Crimea	308	89	90	138	33	21	14	24	69	22	16	16	1537	40	13	17
oblasts																
Vinnitsya	31	19	31	42	20	9	8	9	21	8	7	7	1083	83	15	26
Volyn	21	15	8	12	28	19	13	15	33	17	9	8	1088	65	4	5
Dnipropetrovsk	29	22	21	22	34	16	9	16	16	6	1	2	989	26	2	20
Donetsk	16	15	15	18	17	10	9	11	16	28	18	16	835	157	6	18
Zhytomyr	15	9	7	15	25	19	8	8	19	11	3	6	1148	128	14	20
Zakarpattia	28	14	13	24	37	24	16	10	12	10	7	14	1054	38	5	6
Zaporizhzhya	25	28	23	32	25	11	5	8	33	19	10	5	1155	33	9	18
Ivano-Frankivsk	44	14	22	31	17	7	9	8	22	6	1	3	1023	46	4	16
Kyiv	28	20	14	24	7	2	0,3	2	59	3	5	1	842	54	11	31
Kirovohrad	9	9	9	20	28	18	10	11	22	14	11	12	1263	75	11	8
Luhansk	33	25	19	25	20	7	7	12	31	10	3	3	850	35	3	5
Lviv	81	41	39	65	72	22	13	28	16	6	5	10	1011	48	6	4
Mykolayiv	26	24	24	27	39	30	20	18	22	9	4	3	1060	29	9	28
Odesa	78	44	31	36	52	29	18	22	26	6	6	9	1054	70	25	9
Poltava	61	47	43	54	21	8	5	7	23	2	7	3	1235	118	15	7
Rivne	33	21	11	22	34	11	8	10	31	6	4	4	1259	65	7	12
Sumy	16	9	7	19	26	8	14	11	18	7	1	7	1174	65	12	14
Ternopil	47	36	36	38	21	11	7	8	26	5	1	4	1168	90	16	15
Kharkiv	21	11	17	38	27	13	11	16	21	12	3	4	776	55	18	40
Kherson	21	22	24	26	25	20	14	13	37	97	4	3	1452	50	20	13
Khmelnyskiy	27	10	14	32	21	15	7	10	11	13	2	10	1124	70	20	32
Cherkasy	46	50	47	63	23	14	8	7	19	7	5	12	1352	56	15	25
Chernivtsi	18	28	29	28	31	16	5	9	48	16	11	12	1097	133	34	41
Chernihiv	46	64	39	71	30	16	11	16	23	11	2	14	1072	112	12	10
cities																
Kyiv	308	139	132	170	126	40	36	45	80	18	29	25	1082	29	21	97
Sevastopol	...	...	163	296	...	...	29	29	...	...	4	4	...	97	67	27

22.7. Schools of music, dance and fine arts

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

	Number of schools						In which pupils, thsd.					
	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2007/ 08	2008/ 09	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2007/ 08	2008/ 09
Children's music schools	1204	1201	1036	966	938	908	295,2	285,9	194,1	185,4	184,3	181,1
Special secondary music schools	4	5	4	4	5	5	1,8	2,0	1,7	1,7	2,1	2,1
Children's arts schools	110	244	307	370	389	418	32,2	74,8	77,6	101,7	111,1	115,5
Children's painting schools	126	138	130	124	125	123	20,0	22,4	18,5	20,1	22,0	22,4
Secondary painting schools	2	1	1	2	2	3	0,7	0,6	0,5	0,6	0,8	0,8
Children's choreographic schools	5	10	9	12	10	10	1,6	2,0	1,9	2,3	2,0	2,4
Children's choral singing schools	1	6	6	6	9	9	0,1	1,1	0,9	0,9	1,7	1,5
Evening schools total music education	87	3	2	2	2	2	14,0	0,9	0,5	0,7	0,7	0,7

22.8. Publication of books, magazines and newspapers

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Books											
Total books (published items)	7046	6109	7749	10614	12444	13805	14790	15720	15867	17987	24040
Number of copies, mln.	170	68	44	50	48	39	53	54	54	56	58
of which in Ukrainian	95	32	29	29	30	24	36	33	30	29	33
Magazines											
Total magazines and other periodicals	185	604	1245	1653	1923	2246	2385	2182	2301	2420	2422
Annual circulation, mln. copies	166	24	52	60	84	130	124	132	138	237	270
of which in Ukrainian	150	17	12	17	26	24	35	25	24	29	37
Newspapers											
Total newspapers	1787	1877	2667	2727	3045	2891	3014	2974	2918	2885	2647
One-off circulation, mln. copies	25	21	48	53	87	75	88	80	90	61	59
of which in Ukrainian	17	10	13	18	32	23	29	25	31	22	19
Annual circulation, mln. copies	4652	1630	3459	3632	4860	4347	4508	4960	4235	3665	3966

22.9. Exhibition activity

	2005	2006	2007	2008
Actions carried out	1094	1107	1088	1174
including				
exhibitions	572	566	593	653
fairs	522	541	495	521
Total built-up area of fairs, thsd.sq.m	1231	1540	1476	1836
Total display area of exhibition centers, thsd.sq.m	203	210	169	192
Participants in exhibition actions	66376	74082	74937	82453
of which foreigners	3571	3862	4684	4940
Visitors of exhibition actions, thsd.	9834	11891	11006	13309

22.10. Local television and radio programmes of state broadcasting companies in 2008, 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	541,16	95,15	4,2	435,49	94,58	1,87
Autonomous Republic of Crimea	18,00	57,6	37,8	2,98	39,9	36,9
oblasts						
Vinnitsya	20,00	100,0	—	15,82	100,0	—
Volyn	18,62	100,0	—	20,49	100,0	—
Dnipropetrovsk	16,51	100,0	—	20,55	100,0	—
Donetsk	9,50	100,0	—	24,90	100,0	—
Zhytomyr	19,00	99,8	—	24,59	99,8	—
Zakarpattia	20,50	95,1	—	12,27	93,5	—
Zaporizhzhya	20,23	100,0	—	24,45	100,0	—
Ivano-Frankivsk	—	—	—	1,60	100,0	—
Kyiv	22,76	100,0	—	20,34	100,0	—
Kirovohrad	19,80	100,0	—	1,85	100,0	—
Luhansk	16,79	100,0	—	20,27	100,0	—
Lviv	10,25	100,0	—	2,07	100,0	—
Mykolayiv	15,46	100,0	—	16,07	100,0	—
Odesa	20,00	100,0	—	4,37	100,0	—
Poltava	17,00	94,1	5,9	25,30	100,0	—
Rivne	18,00	100,0	—	18,00	100,0	—
Sumy	17,41	100,0	—	1,89	100,0	—
Ternopil	13,96	100,0	—	6,56	100,0	—
Kharkiv	12,27	100,0	—	9,84	100,0	—
Kherson	20,10	92,5	7,5	17,10	100,0	—
Khmelnyskiy	12,66	97,6	2,4	21,60	86,1	13,9
Cherkasy	22,00	86,4	13,6	13,27	77,4	22,6
Chernivtsi	8,73	85,1	—	13,51	90,4	—
Chernihiv	32,00	100,0	—	1,72	100,0	—
cities						
Kyiv (National TV and Radio Company) ²	107,64	98,0	2,0	92,14	86,3	—
Sevastopol	11,97	30,7	66,8	1,96	46,0	52,6

¹ Excluding city (rayon) broadcasting² Including broadcasting for other regions

Except 60,5 hours intrastate broadcasting, the National Telecasting and Broadcasting Company also produced programmes mainly in Ukrainian (60,1%) for foreign countries (31,6 hours a day on average). 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 facilities¹

	1990	1995	2000 ²	2001/ 02 ²	2002/ 03 ²	2003/ 04 ²	2004/ 05 ²	2005/ 06 ²	2006/ 07 ²	2007/ 08 ²
Total	3841	3417	3327	3242	3260	3268	3245	3164	3110	3073
Sanatoria	473	489	480	474	469	472	465	468	471	465
including children's sanatoria	194	199	185	183	180	177	173	171	171	171
Boarding houses providing medical treatment	32	62	69	70	67	59	59	52	52	53
Dispensaries	556	517	377	334	325	311	291	277	269	262
Rest homes and guest houses	332	294	266	290	292	302	321	301	302	302
Recreation centers and other rest facilities	2213	1862	2037	2010	2042	2068	2052	2012	1969	1950
Establishments for 1–2 day stay	235	193	98	64	65	56	57	54	47	41
Beds³, thsd.	646	562	502	493	489	481	482	482	466	462
Sanatoria	149	145	136	135	132	133	131	136	131	129
including children's sanatoria	39	37	35	38	37	36	34	34	33	32
Boarding houses providing medical treatment	6	14	15	16	16	14	14	12	12	13
Dispensaries	55	43	31	28	27	25	23	23	21	21
Rest homes and guest houses	115	83	63	63	62	62	65	63	64	64
Recreation centers and other rest facilities	302	263	247	245	247	242	244	243	234	232
Establishments for 1–2 day stay	19	14	10	6	5	5	5	5	4	3
Persons who improved their health⁴, thsd.	6394	3515	2870	3120	3148	3176	3267	3278	3486	3592
Sanatoria	1616	1223	1105	1245	1264	1316	1299	1321	1419	1527
including children's sanatoria	206	236	221	254	262	272	274	276	274	284
Boarding houses providing medical treatment	89	102	114	122	129	119	129	117	131	144
Dispensaries	821	511	274	242	276	241	244	236	236	232
Rest homes and guest houses	1324	431	276	331	360	380	385	368	410	382
Recreation centers and other rest facilities	2305	1175	1063	1160	1101	1104	1186	1211	1273	1287
Establishments for 1–2 day stay	239	73	38	20	18	16	24	25	17	20

¹ Since 2002, there was a change in the period for which statistical reporting is presented: 2001/02 is for 12 months (since 1 October 2001 up to 30 September 2002), etc.

² The total includes establishments which did not function for various reasons and beds registered there

³ Maximum use 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, boarding and leisure facilities, by region¹

	Sanatoria and rest establishments providing medical treatment						Rest homes and guest houses					
	total (2007/ 08)	total beds					total (2007/ 08)	total beds				
		1990	1995	2000	2005/06	2007/08		1990	1995	2000	2005/06	2007/08
Ukraine	518	154484	158507	150554	148229	141914	302	114980	83282	62923	63372	63312
Autonomous Republic of Crimea	141	56330	60220	56981	53844	54128	130	43028	37339	27590	28938	29885
oblasts												
Vinnitsya	21	5391	5993	5246	5171	5360	—	1459	570	—	200	—
Volyn	7	1271	1331	1482	2029	1951	—	39	39	39	44	—
Dnipro-petrovsk	21	3365	2742	2742	2509	2699	5	3285	2000	1140	1150	870
Donetsk	18	6972	6197	4200	4239	3950	50	17226	14824	9475	11535	10285
Zhytomyr	6	1010	1820	2750	1620	1425	—	818	—	—	—	—
Zakarpattia	21	4509	4307	3564	3763	4113	1	424	170	200	—	60
Zaporizhzhya	17	6424	5725	5169	4864	4611	9	2622	2236	1812	1322	1007
Ivano-Frankivsk	15	2260	2134	2743	2279	2292	3	517	451	145	220	174
Kyiv	13	3806	3302	3004	2851	2223	2	1464	540	748	188	168
Kirovohrad	3	785	680	630	310	360	—	350	70	450	450	—
Luhansk	12	1552	2157	1207	1613	1093	—	3312	527	60	—	—
Lviv	62	20149	20437	19807	21157	17357	8	307	24	340	392	360
Mykolayiv	11	1190	1930	2374	3958	4186	19	10862	4492	6791	4471	4697
Odesa	37	16230	17233	15053	14545	14232	11	7236	2646	2023	2074	2305
Poltava	13	4670	4941	4462	3920	3712	2	251	177	177	385	325
Rivne	9	655	859	1324	1378	1284	—	—	37	—	—	—
Sumy	3	712	580	535	460	484	—	1059	660	—	—	—
Ternopil	9	1250	1300	1729	1796	1490	—	212	—	—	—	—
Kharkiv	15	4901	4082	3714	3282	3151	2	3360	1253	1705	1406	606
Kherson	12	1381	1197	2119	2763	2720	51	12440	12289	8482	9423	11195
Khmelnyskiy	13	1629	1557	1610	1673	1693	—	265	100	—	—	—
Cherkasy	9	2420	2325	2300	2604	1860	—	537	198	—	—	—
Chernivtsi	6	910	785	897	897	897	—	260	220	—	—	—
Chernihiv	7	895	1426	1759	1325	1325	2	1022	585	336	100	222
cities												
Kyiv	15	2867	2897	2598	3135	3148	2	1070	910	650	450	450
Sevastopol	2	950	350	555	244	170	5	1555	925	760	624	703

¹ See the first footnote to Table 22.11

22.13. Health camps for children in 2008, by region

	Camps		Beds, thsd.		Attendance by children, thsd.		Share of children aged 7–16 who attended the camps in the total number of children, percent
	total	of which in the countryside	total	of which in the countryside	total	of which in the countryside	
Ukraine	18672	686	217,7	177,6	2020,4	508,2	42
Autonomous Republic of Crimea	665	87	32,3	26,8	146,8	85,9	30
oblasts							
Vinnitsya	765	20	5,8	5,1	83,6	14,3	45
Volyn	586	15	3,7	2,4	51,5	6,8	40
Dnipropetrovsk	961	25	11,2	7,2	110,4	17,4	46
Donetsk	938	78	28,3	25,3	125,1	69,2	33
Zhytomyr	641	11	2,9	2,2	52,1	5,9	36
Zakarpattia	570	18	7,0	2,3	89,4	8,6	52
Zaporizhzhya	373	54	17,9	16,2	72,1	52,3	26
Ivano-Frankivsk	876	4	4,4	0,9	96,3	3,2	56
Kyiv	410	14	4,6	3,1	39,9	10,9	26
Kirovohrad	566	7	3,3	1,8	44,6	6,0	42
Luhansk	1008	40	13,1	12,0	81,8	25,8	43
Lviv	853	17	3,4	2,5	87,8	7,2	32
Mykolayiv	552	19	5,5	4,8	44,5	9,1	33
Odesa	1247	46	13,0	12,0	146,0	33,0	54
Poltava	1037	27	6,4	5,8	60,8	17,4	43
Rivne	559	2	2,2	0,4	68,9	1,3	44
Sumy	796	24	5,5	5,0	59,7	14,0	52
Ternopil	582	13	2,6	2,2	50,2	6,8	38
Kharkiv	925	40	9,5	8,4	115,9	18,4	53
Kherson	568	49	16,3	16,3	96,4	56,2	40
Khmelnyskiy	884	11	2,1	1,6	95,8	4,5	66
Cherkasy	1038	13	4,1	2,3	65,2	5,8	49
Chernivtsi	403	15	4,2	3,6	57,1	8,8	53
Chernihiv	560	22	4,0	3,7	40,1	7,0	41
cities							
Kyiv	226	5	1,7	1,0	20,1	2,7	26
Sevastopol	83	10	2,7	2,7	18,3	9,7	41

Additionally, in health and resort establishment of Ukraine, particularly in all-year children's health camps in 2008, 809,8 thsd. children improved their health, of which in summer – 542,2 thsd.

22.14. Sports school for children, by region*(end of 2008)*

	Sports schools for children and the youth		Olympic reserve specialized sports schools for children and the youth		Highest sport skills schools	
	total	persons	total	persons	total	persons
Ukraine	1444	643137	253	80706	34	3824
Autonomous Republic of Crimea	47	21742	8	1460	1	130
oblasts						
Vinnitsya	56	25051	6	2089	1	88
Volyn	40	18998	3	480	1	93
Dnipropetrovsk	102	47223	19	7760	1	334
Donetsk	108	53211	25	11189	1	380
Zhytomyr	51	17467	2	931	1	71
Zakarpattia	30	18203	3	1019	1	130
Zaporizhzhya	49	18152	15	4410	1	113
Ivano-Frankivsk	45	23454	7	2017	1	70
Kyiv	65	29408	4	858	2	159
Kirovohrad	39	16159	2	735	1	49
Luhansk	58	28944	17	6326	1	186
Lviv	82	29905	19	3769	1	219
Mykolayiv	44	17076	18	4383	1	83
Odesa	61	29687	12	3910	1	96
Poltava	54	17735	5	1664	1	116
Rivne	53	21637	3	996	1	92
Sumy	50	17976	4	1020	1	84
Ternopil	35	12463	4	1155	1	78
Kharkiv	91	56978	12	3556	2	416
Kherson	45	16272	6	1717	1	92
Khmelnyskiy	56	25797	2	682	1	82
Cherkasy	47	16530	1	575	1	72
Chernivtsi	36	16629	1	154	1	84
Chernihiv	47	16247	7	1823	2	156
cities						
Kyiv	42	25114	45	14928	5	303
Sevastopol	11	5079	3	1100	1	48

22.15. Activity of physical training and sports establishments¹*(end of year)*

	2000	2002	2003	2004	2005	2006	2008
Persons that go in for sport	1014911	1127510	1196882	1243973	1265956	1300647	1317750
including							
sports school for children and the youth, Olympic reserve specialized schools for children and the youth and the highest sport skills schools	633980	659271	699690	729627	723727	726435	727604
disabled	7169	11436	12871	15722	17342	16154	21561
females	247222	278873	312554	345453	322902	345226	308520
Persons that engaged in all types of physical training and health improving activity	4105054	4538617	4643804	4878838	5030943	5080287	5223118 ²
including							
secondary educational institutions ³	1914177	2009065	1977234	2034553	2037429	2006644	1719508
professional training institutions ³	129489	150909	158813	164586	167580	164262	141626
institutions of higher education ³							
1 st and 2 nd levels of accreditation	156214	169421	173890	196574	210021	207620	215577
3 rd and 4 th levels of accreditation	174581	230044	233403	266077	299993	313985	426556
enterprises, establishments, organizations at working and free time	1390181	1543997	1623251	1695569	1760229	1809439	1620243
by place of residence	233551	319332	340967	371610	390547	409007	677682
Of total number of persons engaged in all types of physical training and health improving activities							
females	1250958	1438328	1466399	1548029	1598754	1485156	1850078
disabled involved in rehabilitation and health improving activity	22069	25922	28361	33765	33464	36677	39586
Physical training and sports clubs for children and teenagers, by place of residence	1251	1441	1497	1544	1585	1652	1109
Persons attending physical and sports clubs for children and teenagers, by place of residence	143306	158538	161605	175315	185971	195407	115076
Pupils and students included into special medical group due to health status	454863	439350	408567	403087	377924	364451	402293 ⁴
including							
secondary educational institutions	310347	292661	261935	256548	227849	211899	196918
professional training institutions	30810	26543	25620	25186	25884	25061	25581
institutions of higher education							
1 st and 2 nd levels of accreditation	48615	50575	46127	46299	44430	44168	40058
3 rd and 4 th levels of accreditation	65091	69571	74885	75054	79761	83323	112689

¹ Here and elsewhere (Tables 22.16, 22.17) based on data from the Ministry of Ukraine for Family, Youth and Sport² Including 421926 children in pre-school educational institutions, excluding physical training and health improving activity within the framework of training³ Excluding physical training and health improving activity within the framework of training⁴ Including 27047 children in pre-school educational institutions

CULTURE, LEISURE, SPORT AND TOURISM

22.16. Sports facilities*(end of year)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Stadiums with stands for 1500 seats	1128	1138	1152	1151	1155	1147	1131	1118	1104
Sports grounds	35674	36491	37078	39466	40021	39977	40232	40303	39371
including tennis-courts	845	984	1085	1137	1180	1205	1227	1245	1271
Football grounds	9910	10316	10706	10722	10996	11248	11331	11433	11805
Ski lodges per 100 pair of skis and more	122	131	124	115	111	103	105	99	81
Shooting range, covered and semi-covered, at least 25 m long	7598	7464	7197	6783	6653	6538	6376	5917	5651
Swimming pools	509	511	508	504	506	510	510	512	553
of which									
50 m long	50	49	49	47	46	44	46	...	52
covered	419	429	431	428	430	436	436	...	481
including 50 m long	26	24	24	24	24	24	26	...	29
Gymnasiums with 162 sq.m space	17032	17117	17127	17067	17136	17189	17240	17215	17210
Track-and-field lanes in covered premises	114	116	122	115	126	131	130	...	...
of which 200 m long, oval track	36	37	38	41	43	41	40	...	...
Track-and-field shots that are not a part of stadiums	183	193	195	215	211	231	236	...	247
Grounds (gymnastics) equipped with simulators	11300	11310	11330	11145	11242	11286	11642	11761	11576
Premises for physical training and health improving sessions	13139	13814	14323	14730	14910	15180	15494	15572	15978
of which equipped with simulators	4315	4668	4998	5173	5349	5494	5657	...	5698
Jump skis	19	19	20	21	22	22	20	20	26
of which for freestyle	3	3	3	3	5	5	5	...	6
Horse riding sports centers	29	28	29	32	32	33	37	47	53
Cycle tracks	4	4	4	4	4	4	4	4	4
Facilities with manufactured ice	10	11	12	11	11	13	24	42	51
of which with field area of 30×61 m	8	8	8	8	8	10	14	...	23

22.17. Physical training and health improving activity*(end of 2008)*

	Persons involved in all types of physical training and health improving activity		Children aged 6–18	
	total	in rural areas	total	in rural areas
Total	5223118	1335316	2496281	746472
including				
pre-school educational institutions	421926	77602	22305	3891
secondary educational institutions	1719508	634752	1719508	634752
professional training institutions	141626	11922	113800	9919
institutions of higher education	642133	8151	245273	5748
enterprises, establishment, organizations at working and free time	1620243	395559	135090	56294
by place of residence	677682	207330	260305	35868
disabled involved into rehabilitation and health improvement activity	39586	3244	—	—

In 2008, 1109 physical training and sports clubs for children and teenagers operated in the country by place of residence. They were attended by 115,1 thsd. persons including 19 and 1,8 thsd. in rural area accordingly.

22.18. Tourist flows*(thsd.)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine's citizens who traveled abroad ¹	13422	14849	14729	14795	15488	16454	16875	17335	15499
Foreign citizens who visited Ukraine ¹	6431	9174	10517	12514	15629	17631	18936	23122	25449
Tourists attended by Ukraine's tourism entities ²	2014	2175	2265	2857	1890	1826	2206	2864	3042
including									
foreign tourists	378	416	418	591	436	327	299	373	373
tourists (Ukraine's citizens) who traveled abroad	285	271	302	344	442	567	868	336	1282
inland tourists	1351	1488	1545	1922	1012	932	1039	2155	1387
The number of sightseers ²	1644	1874	1992	2691	1502	1705	1769	2393	2406

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

² Based on data from the State Service of Tourism and Spas of Ukraine

In 2008, the most popular spots for Ukraine's citizens were Russia, Poland, Moldova, Hungary, Belarus, Turkey, Romania, Slovak, Egypt, Czech and Germany.

Among foreigners who visited our country, Russian, Polish, Moldovan, Belarusian, Hungarian, Romanian, Slovak, German, USA and Israel citizens outnumbered those from other countries.

22.19. Hotels and other establishments for short-term stay, by region*(end of year)*

	Establishments, total				In which rooms				Total accommodation space, thsd.sq.m			
	2000	2005	2007 ¹	2008 ¹	2000	2005	2007	2008	2000	2005	2007	2008
Ukraine	1308	1232	1420	1595	51012	51686	62165	71580	949,1	1072,4	1313,6	1508,4
Autonomous Republic of Crimea	89	78	82	93	5570	5982	6777	7188	99,0	115,6	133,3	146,9
oblasts												
Vinnitsya	32	25	23	23	1166	784	780	778	22,3	15,9	15,6	15,4
Volyn	32	26	28	30	1137	996	1122	1122	20,9	18,2	19,5	20,1
Dnipropetrovsk	84	106	107	103	2941	4323	4209	4239	57,9	98,6	97,2	93,0
Donetsk	73	69	70	75	3240	3154	3350	3371	57,0	67,5	70,4	71,9
Zhytomyr	37	31	42	44	1155	950	1290	1588	23,3	22,5	32,9	36,6
Zakarpattia	39	38	45	61	1395	1462	1821	2523	23,4	27,8	38,3	61,8
Zaporizhzhya	59	40	32	31	1823	1520	1455	1488	28,9	24,3	26,8	28,4
Ivano-Frankivsk	34	33	34	35	1188	1142	1496	1395	19,9	20,7	27,1	34,8
Kyiv	46	39	35	37	1369	1331	1186	1302	22,1	21,0	18,6	23,4
Kirovohrad	21	17	16	17	520	578	631	619	10,1	8,2	9,0	9,5
Luhansk	43	56	83	101	1851	1866	2134	2476	30,4	38,1	43,5	50,6
Lviv	55	100	128	148	2526	3927	4463	4931	40,9	77,1	91,2	98,4
Mykolayiv	44	30	84	95	1143	702	4303	5015	20,8	14,8	78,1	89,4
Odesa	96	79	80	81	3674	3262	3701	3952	75,7	75,3	84,5	89,1
Poltava	65	45	43	48	1647	1234	1262	1349	27,4	23,4	25,1	27,2
Rivne	23	22	23	22	1018	1200	1241	1114	15,9	22,4	23,8	23,5
Sumy	46	44	39	29	898	842	1060	853	18,3	17,9	21,1	20,7
Ternopil	27	29	37	40	1187	1094	1283	1336	27,3	28,0	31,4	35,1
Kharkiv	76	51	48	50	2328	1905	1856	1816	49,1	44,0	46,7	41,7
Kherson	47	34	38	120	1247	995	1686	7628	24,8	21,9	32,7	140,4
Khmelnyskiy	30	22	27	29	763	728	972	974	15,0	12,6	18,9	18,8
Cherkasy	36	36	53	55	1215	1092	1589	1644	21,1	20,9	31,4	33,9
Chernivtsi	18	12	27	27	943	785	1370	1391	13,8	11,6	33,1	30,1
Chernihiv	52	51	62	65	822	927	1287	1434	13,3	16,0	32,9	29,4
cities												
Kyiv	95	109	123	125	7637	8246	9186	9415	157,3	192,5	217,6	225,9
Sevastopol	9	10	11	11	609	659	655	639	13,2	15,6	12,9	12,4

¹ Including other establishments 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	2007	2008	2000	2007	2008	2000	2007	2008	2000	2007	2008
Ukraine	251	315	387	515	742	827	302	621	661	94	112	155
Autonomous Republic of Crimea	10	24	53	44	98	104	35	78	80	10	20	18
oblasts												
Vinnitsya	6	5	7	17	10	12	9	7	9	3	4	3
Volyn	9	9	7	13	18	14	9	12	12	1	1	1
Dnipropetrovsk	11	13	12	16	41	34	24	48	42	1	5	3
Donetsk	15	21	23	37	52	56	16	44	47	—	3	4
Zhytomyr	8	11	10	9	14	16	4	11	13	1	5	5
Zakarpattia	3	18	22	29	49	64	13	40	50	4	3	1
Zaporizhzhya	6	9	11	12	13	12	11	13	13	—	—	1
Ivano-Frankivsk	6	10	10	15	21	22	7	20	20	2	2	1
Kyiv	6	7	10	13	12	15	8	13	16	2	2	2
Kirovohrad	6	4	4	11	8	8	6	8	8	8	3	3
Luhansk	5	8	7	14	5	6	8	6	6	2	—	1
Lviv	17	28	31	42	81	99	21	58	58	2	9	9
Mykolayiv	8	10	11	17	18	22	6	10	11	5	3	4
Odesa	18	19	28	38	42	45	17	32	32	12	8	11
Poltava	10	13	12	12	10	12	11	18	20	1	1	1
Rivne	8	4	4	9	6	6	4	6	7	2	3	3
Sumy	5	6	8	13	16	14	10	18	14	5	4	4
Ternopil	5	9	9	14	18	18	3	21	20	1	5	5
Kharkiv	11	17	18	19	26	28	10	18	21	3	1	1
Kherson	6	6	20	9	11	40	11	14	38	1	2	45
Khmelnyskiy	6	9	11	5	12	13	3	4	4	1	1	1
Cherkasy	11	9	13	14	18	20	14	19	17	4	3	4
Chernivtsi	5	7	8	10	16	18	4	21	21	2	5	5
Chernihiv	11	6	6	6	7	6	9	23	23	6	1	2
cities												
Kyiv	36	31	30	69	105	108	27	55	55	14	15	14
Sevastopol	3	2	2	8	15	15	2	4	4	1	3	3

22.21. Capacities of hotels and other places for short-term stay, by region

	One-off capacity, beds				Total guests registered, thsd.				Ratio of use ¹			
	2000	2005	2007	2008	2000	2005	2007	2008	2000	2005	2007	2008
Ukraine	102906	106048	135199	161955	3287,4	3938,2	4560,2	4575,7	0,24	0,33	0,29	0,24
Autonomous Republic of Crimea	11329	12710	13987	14839	204,5	256,6	340,8	377,4	0,28	0,35	0,26	0,26
oblasts												
Vinnitsya	2464	1519	1553	1563	67,5	56,9	76,4	69,8	0,17	0,36	0,37	0,34
Volyn	2378	1961	2075	2137	92,6	89,6	122,4	92,8	0,21	0,27	0,57	0,31
Dnipropetrovsk	6025	11658	10924	10925	194,9	270,3	242,1	243,1	0,21	0,24	0,27	0,20
Donetsk	5910	5457	5805	5764	154,9	180,6	207,1	154,7	0,22	0,22	0,23	0,20
Zhytomyr	2312	1752	3627	4736	59,8	75,0	92,2	81,0	0,11	0,23	0,20	0,17
Zakarpattia	2839	3152	3801	5367	84,3	99,2	127,0	130,7	0,19	0,34	0,28	0,24
Zaporizhzhya	3554	2696	2427	2382	148,9	122,2	106,0	91,4	0,32	0,30	0,36	0,34
Ivano-Frankivsk	2305	2092	2899	2804	58,2	72,7	68,5	66,4	0,17	0,23	0,18	0,20
Kyiv	2693	2447	2233	2458	97,5	121,7	141,4	135,8	0,20	0,23	0,38	0,34
Kirovohrad	970	1066	1134	1089	31,6	42,3	37,9	33,2	0,18	0,36	0,23	0,15
Luhansk	3297	3807	4722	5789	47,7	75,4	86,2	102,0	0,09	0,20	0,20	0,12
Lviv	4893	8701	9780	11081	164,3	237,3	303,2	369,9	0,19	0,18	0,21	0,22
Mykolayiv	2490	1486	11235	13271	40,1	74,7	117,5	103,4	0,09	0,29	0,17	0,12
Odesa	8161	6619	7425	7788	243,1	289,8	298,5	241,7	0,20	0,28	0,27	0,20
Poltava	3421	2571	2632	2877	125,3	83,7	90,6	93,1	0,24	0,31	0,28	0,26
Rivne	1833	2519	2675	2624	66,4	90,7	89,9	73,6	0,19	0,35	0,21	0,24
Sumy	2372	2054	2446	2355	59,5	67,2	66,1	57,2	0,16	0,25	0,21	0,19
Ternopil	2478	3082	4298	4478	51,6	72,6	71,3	71,3	0,13	0,31	0,23	0,15
Kharkiv	4859	3467	3360	3261	143,2	160,2	191,7	179,3	0,18	0,24	0,32	0,30
Kherson	2817	2186	4590	21681	64,0	48,2	57,3	147,6	0,19	0,13	0,20	0,17
Khmelnyskiy	1578	1352	1750	1806	46,8	80,9	104,5	111,2	0,18	0,28	0,37	0,27
Cherkasy	2491	2139	3960	3960	73,8	119,9	105,7	103,1	0,20	0,25	0,17	0,18
Chernivtsi	1793	1398	4678	4675	52,9	50,9	64,4	73,7	0,21	0,20	0,17	0,18
Chernihiv	1887	2095	3486	4023	56,2	91,4	111,7	108,4	0,18	0,38	0,30	0,21
cities												
Kyiv	14478	14757	16377	16907	810,2	974,1	1195,8	1224,8	0,40	0,68	0,64	0,52
Sevastopol	1279	1305	1320	1315	47,6	34,1	44,0	39,1	0,78	0,22	0,40	0,35

¹ Rate of capacity usage for hotels is estimated as a ratio of general duration of stay (man-day) one-off capacity (beds) multiplied by 365 days

23. CRIMINAL JUSTICE

Administrative law violation (misdemeanor) is considered to be against law, 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 a systemized set of legal norms set by the highest body of legislative power which identifies what public dangerous actions should be considered as criminal and what kind of punishment should be used against the persons who committed them.

Crime is identified as a socially dangerous action foreseen by criminal law which infringes on social system 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; the persons who have committed a crime at the age of 14–16 are also subject to criminal responsibilities only for murder, intentional infliction of body injuries that caused the worsening of health, rape, theft, robbery, brigandage, malicious or specially malicious hooliganism, intentional destruction or damage to the property of legal and natural persons that led to the heavy after-effects and for intentional actions which could cause a train crash.

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

Psychotropic substances are some psychic substances that are included into a List of drugs (DET, DMT, LSD, mescaline, alphetamin, amobarbital, etc.). Toxic substances are phenil-acetone, ephedrine, calcium-permanganat).

Crime rate – the number of registered crimes per 100 thsd. average annual present population.

Conviction rate – the number of convicted persons (by Court's decisions that became legal) per 100 thsd. average annual present population.

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

The State fire supervision refers to fire protection of communities and objects, coordination of activities of ministries, other central bodies of executive power dealing with improvements to fire protection that is secured by Ministry of Ukraine in Emergency Cases and Protection of Population against the Chernobyl Catastrophe.

CRIMINAL JUSTICE

23.1. Registered crimes, by selected category

(thsd.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total registered cases¹	369,8	641,9	567,8	514,6	460,4	566,4	527,8	491,8	428,1	408,2	390,2
of which											
premeditated murders											
and attempted murders	2,8	4,8	4,8	4,6	4,3	4,0	3,8	3,3	3,2	2,9	2,7
premeditated severe injuries	6,7	8,8	6,9	6,1	6,0	6,3	5,9	5,7	5,3	5,5	5,1
rapes and attempted rapes	2,7	1,9	1,2	1,1	1,0	1,0	1,0	0,9	1,0	0,9	0,9
hooliganism	18,8	37,1	23,4	17,7	14,0	20,1	15,9	15,0	13,4	12,1	11,7
violent crime	3,1	5,3	5,6	5,7	5,2	5,7	5,5	6,7	6,5	5,7	5,0
robberies	17,8	32,1	23,0	23,3	21,1	36,5	40,8	47,1	41,7	32,3	26,9
extortion	1,5	3,6	2,7	2,1	2,1	1,9	1,3	1,2	0,9	0,7	0,6

¹ For 1990 and 1995, by internal affair bodies, including transport police; for 2000–2008, including tax police

Out of crimes registered by the law enforcement agencies and tax police in 2008, 140,7 thsd. were grave and very grave offences.

23.2. Registered crimes, by region

(thsd.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine¹	369,8	641,9	567,8	514,6	460,4	566,4	527,8	491,8	428,1	408,2	390,2
Autonomous Republic of Crimea	23,6	34,4	30,2	27,4	22,8	26,7	26,3	23,8	18,8	20,8	19,9
oblasts											
Vinnitsya	8,6	14,6	14,0	13,6	13,0	14,9	15,0	12,5	11,4	10,6	10,5
Volyn	4,5	7,6	7,7	7,3	6,8	8,9	8,3	8,6	8,2	8,3	7,4
Dnipropetrovsk	41,7	81,4	65,6	60,6	51,5	55,5	53,9	46,5	38,1	36,0	33,1
Donetsk	44,2	62,7	54,7	51,7	46,8	60,3	59,3	58,2	52,2	49,5	46,9
Zhytomyr	8,3	15,4	15,8	12,1	10,7	13,9	11,8	10,0	8,7	7,9	7,9
Zakarpattia	3,5	7,6	6,7	7,0	6,7	6,7	6,7	6,6	5,6	5,2	5,1
Zaporizhzhya	17,3	32,4	32,6	27,9	24,9	32,6	30,7	28,4	25,8	27,4	24,5
Ivano-Frankivsk	4,6	9,1	8,9	7,9	7,9	8,9	7,8	7,5	6,4	5,8	5,3
Kyiv	10,2	17,2	15,8	14,9	13,0	16,1	14,9	13,5	12,3	12,1	11,8
Kirovohrad	8,5	12,9	12,8	11,6	10,0	11,4	10,2	9,6	7,8	7,1	7,4
Luhansk	25,9	50,6	39,3	36,7	31,5	41,6	42,0	35,3	29,7	28,2	26,7
Lviv	14,9	26,0	22,1	19,2	18,6	19,9	19,4	18,7	16,9	15,4	13,8
Mykolayiv	11,3	20,4	17,9	15,0	12,8	15,5	14,4	14,2	12,5	11,3	11,1
Odesa	23,1	34,1	26,9	23,8	22,9	30,0	26,0	23,5	21,2	20,0	20,0
Poltava	10,0	18,8	17,7	16,1	14,9	19,1	18,3	17,9	15,3	14,7	12,9
Rivne	4,1	7,1	7,7	6,9	6,9	9,0	7,6	7,7	6,3	5,9	5,9
Sumy	6,8	15,0	14,4	13,7	12,1	13,8	12,0	11,3	9,7	9,2	8,3
Ternopil	3,5	6,8	6,4	6,0	5,5	6,2	6,1	5,7	5,4	4,9	4,7
Kharkiv	26,6	49,5	43,1	39,5	36,6	45,1	37,4	32,0	26,8	25,7	24,6
Kherson	9,4	16,8	14,4	13,3	11,2	16,2	13,7	13,2	10,6	10,0	10,0
Khmelnyskiy	4,9	10,6	10,4	9,0	8,8	11,8	10,8	10,6	9,6	8,5	8,2
Cherkasy	7,4	13,8	14,4	13,3	11,2	12,8	11,6	10,3	8,8	8,1	7,9
Chernivtsi	3,0	5,2	4,7	4,4	4,7	6,0	5,4	5,1	5,1	5,0	5,1
Chernihiv	7,7	11,3	12,6	11,3	10,7	12,1	10,8	9,5	8,0	7,4	7,1
cities											
Kyiv	20,9	36,6	28,6	25,5	22,0	32,0	29,4	33,4	29,5	26,0	26,4
Sevastopol	...	3,9	4,3	3,9	3,7	5,2	4,7	4,7	4,7	4,4	4,8

¹ See the footnote to Table 23.1

Crime rate (total registered crime cases per 100 thsd. population) equaled 1246 in 1995, 1147 in 2000, 1057 in 2001, 955 in 2002, 1185 in 2003, 1112 in 2004, 1044 in 2005, 915 in 2006, 878 in 2007 and 843 in 2008.

CRIMINAL JUSTICE

23.3. Crimes related to narcotics and other harmful drugs

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total registered crime	7236	38181	45748	47905	58085	57435	65740	65017	64630	63838	63666
including											
theft, appropriation, extortion of drugs, psychotropic substances or similar products or cartured by swindle or abuse of official position	289	275	332	296	355	344	404	352	327	319	289
illegal production, purchase, storage, transportation and trafficking of drugs for sale or other purposes (plus sales)	6440	36223	40138	42831	50592	49216	53852	53456	53379	53235	52628
inclination for drugs	64	151	385	375	398	649	815	965	954	991	825
setting up and keeping places for illegal consumption, production or the making of drugs, psychotropic agents or similar products	93	668	1664	1588	2276	2477	2708	2743	2662	2487	2443

In 2008 home affairs departments registered 9,5 thsd. criminal cases committed by drug addicts, 2,2 thsd. cases were committed under drug intoxication.

From February 1995 for activities related to illegal turnover of precursors, criminal punishment has been introduced.

23.4. The convicted by enforced court's verdict, by selected crime

(thsd.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total convicted	104,2	212,9	230,9	202,6	194,2	201,1	204,8	176,9	160,9	152,8	146,9
of whom of											
theft	33,2	92,5	108,4	95,6	85,4	84,9	80,5	60,1	39,9	32,8	29,0
robberies	5,1	9,0	10,0	9,7	10,3	11,3	13,1	13,4	14,9	14,3	12,6
violent crime	2,1	3,6	4,9	4,6	4,5	4,7	4,5	4,4	4,7	4,8	3,8
extortion	0,6	1,3	1,4	1,1	1,0	1,1	1,0	0,7	0,6	0,5	0,4
intended murders and attempted murders	1,9	3,1	3,9	3,2	3,0	3,0	2,2	2,1	2,0	2,3	2,0
intended severe injuries	3,3	4,2	4,9	4,2	4,2	4,6	4,5	4,1	4,0	4,2	3,8
rapes and attempted rapes	2,6	1,4	0,9	0,8	0,6	0,4	0,6	0,7	0,6	0,5	0,5

CRIMINAL JUSTICE

23.5. The convicted by enforced court's verdict, by region

(thsd.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine¹	104,2	212,9	230,9	202,6	194,2	201,1	204,8	176,9	160,9	152,8	146,9
Autonomous Republic of Crimea	5,7	8,7	10,9	9,6	11,7	11,7	12,4	10,2	9,1	8,1	8,2
oblasts											
Vinnitsya	3,3	6,4	7,7	7,0	6,6	5,8	6,2	5,2	5,1	5,0	5,7
Volyn	1,8	3,9	3,7	3,2	3,2	3,5	3,8	3,2	3,2	2,7	2,9
Dnipropetrovsk	9,4	25,6	22,1	18,4	13,0	18,6	16,9	13,6	13,9	13,2	13,1
Donetsk	11,7	24,6	25,8	20,3	21,6	22,5	23,4	22,2	19,9	16,7	16,8
Zhytomyr	2,7	6,6	5,8	5,3	5,6	5,4	6,0	4,5	4,3	4,2	3,8
Zakarpattia	1,5	3,2	3,7	3,7	3,9	3,3	3,2	2,6	2,4	2,2	2,0
Zaporizhzhya	6,8	7,0	13,3	12,3	10,8	10,8	10,8	11,4	9,0	9,2	9,0
Ivano-Frankivsk	1,8	4,4	3,6	3,3	2,8	3,1	3,3	3,4	3,1	2,9	2,7
Kyiv	4,0	6,8	8,1	7,4	7,1	6,5	6,8	5,6	5,6	4,8	4,6
Kirovohrad	3,1	5,9	6,1	5,7	5,4	5,7	4,9	4,0	3,5	3,2	3,6
Luhansk	6,8	13,4	17,4	15,0	12,7	12,9	15,6	12,9	10,2	11,4	11,1
Lviv	3,6	9,4	8,4	7,5	7,0	6,6	7,1	6,0	5,7	5,4	4,7
Mykolayiv	3,5	5,7	6,5	6,2	6,6	7,0	7,4	6,8	5,8	5,5	5,0
Odesa	5,1	10,8	12,6	10,1	10,4	10,5	9,5	9,2	8,5	7,8	7,3
Poltava	3,4	6,9	7,0	7,0	6,3	6,6	6,4	6,7	6,1	5,3	4,4
Rivne	1,2	3,1	3,2	3,1	3,1	3,6	3,2	3,0	2,8	2,7	2,8
Sumy	4,0	7,9	6,8	6,1	6,3	6,4	5,8	4,6	4,5	4,1	3,6
Ternopil	1,6	4,2	3,0	2,7	2,4	2,3	2,3	2,1	2,1	1,8	1,9
Kharkiv	6,5	13,7	15,8	13,9	13,9	13,7	15,1	13,7	11,8	10,9	10,0
Kherson	2,8	4,9	6,8	5,9	5,5	5,9	5,9	5,5	5,2	4,6	4,3
Khmelnyskiy	2,3	5,7	4,8	3,7	3,5	4,3	4,7	4,1	3,9	3,9	3,6
Cherkasy	3,2	6,5	7,0	5,9	6,0	5,2	5,0	4,2	3,6	3,8	3,6
Chernivtsi	1,4	2,7	2,9	2,6	2,5	2,5	2,4	1,8	2,1	1,9	1,7
Chernihiv	2,9	5,5	6,2	5,5	5,9	5,7	6,0	4,6	4,1	3,9	3,5
cities											
Kyiv	4,1	8,4	9,3	8,6	8,0	8,3	8,2	3,9	3,6	5,9	5,4
Sevastopol	...	1,0	1,9	1,4	1,6	1,8	1,5	1,3	1,3	1,3	0,9

¹ In 2000, including those convicted by interregional courts; in 2001–2008, including those convicted by military courts

Conviction rate (number of convicted per 100 thsd. population) equaled 413 in 1995, 466 in 2000, 416 in 2001, 403 in 2002, 421 in 2003, 432 in 2004, 376 in 2005, 344 in 2006, 328 in 2007, 317 in 2008.

CRIMINAL JUSTICE

23.6. Composition of the convicted*(percent)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
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	10,0	10,4	10,5	10,6	9,9	8,7	7,3	6,9
18–24	24,5	25,1	27,8	29,0	29,7	29,3	28,5	29,5	29,0	29,2	27,5
25–29	21,0	18,2	18,5	18,0	17,9	17,8	17,0	17,0	17,5	18,3	18,2
30 and older	42,4	48,9	45,0	43,0	42,0	42,4	43,9	43,6	44,8	45,2	47,4
Of total convicted											
females	9,5	14,4	13,8	13,1	12,4	12,1	13,3	12,8	13,0	12,0	12,4
persons with non-lifted conviction or conviction still in effect, earlier convicted persons, or those whose conviction has been lifted or no longer in effect	31,5	25,2	34,3	34,6	32,4	33,6	36,5	34,2	34,6	36,7	35,2
persons of working age not working or studying	23,2	39,8	60,3	62,0	62,0	63,0	62,9	64,8	65,4	66,6	66,4
persons who committed crime in the state of alcoholic intoxication	43,6	28,4	23,9	23,0	23,8	24,4	26,0	25,6	26,4	26,7	26,1

23.7. The convicted, by major type of sentence*(percent)*

	2001	2002	2003	2004	2005	2006	2007	2008
Total convicted	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
term deprivation of freedom	34,7	31,4	30,3	26,5	25,9	24,0	25,0	22,4
fines	3,1	5,4	4,4	5,5	6,6	8,8	10,2	14,9
compulsory work	5,1	2,3	1,8	1,4	1,2	1,1	0,9	0,9
public works	0,1	0,9	1,4	1,7	1,9	2,4	2,8	3,6
restriction of freedom	0,3	1,6	1,7	1,9	2,0	2,1	2,3	2,6
freed from punishment	15,8	54,3	59,0	61,9	61,1	60,1	57,2	53,1
other types of punishment	40,8	4,0	1,3	1,1	1,3	1,4	1,5	2,5

CRIMINAL JUSTICE

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

(percent of the number of persons convicted for the respective crime)

	2001	2002	2003	2004	2005	2006	2007	2008
Total convicted	57,0	58,0	57,6	56,1	56,4	55,2	54,8	52,6
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
against personal will and dignity	42,9	40,0	44,0	49,2	43,7	49,1	49,5	56,0
against sex freedom and sex inviolability	63,6	68,5	67,9	64,5	66,6	65,3	65,5	65,1
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
against property	63,0	64,3	64,9	65,4	68,3	70,3	70,8	69,3
in economic sphere	27,3	30,8	29,8	26,6	26,8	24,1	23,2	22,8
against environment	41,4	41,1	46,1	43,4	40,3	42,1	38,0	39,4
against public safety	33,6	34,2	33,9	30,1	28,9	27,3	25,0	26,2
against safety of production	27,3	17,8	15,5	13,8	17,4	16,1	18,0	16,9
against safety of traffic and use of transport	78,1	69,4	68,8	66,8	65,1	63,0	63,4	60,9
against civil order and morality	67,7	69,6	70,4	70,2	71,0	70,4	70,0	67,6
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
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
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
in the sphere of use of computers, computing systems and networks	—	—	100,0	62,5	57,1	70,5	63,3	50,9
in the sphere of office activity	11,2	12,3	12,5	12,3	14,0	16,4	18,1	18,1
against justice	49,2	49,2	46,7	47,5	44,7	43,1	43,6	44,5
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
against peace, security of the humankind and the international order	—	—	—	—	—	—	—	—
other crimes ¹	56,8	62,8	61,6	58,5	54,1	50,5	53,1	42,2

¹ Convicted by articles of the 1960 Criminal Code of Ukraine

CRIMINAL JUSTICE

23.9. Share of minors convicted for selected crimes*(percent of the number of persons convicted for the respective crime)*

	2001	2002	2003	2004	2005	2006	2007	2008
Total convicted	10,0	10,4	10,5	10,6	9,9	8,7	7,3	6,9
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
against personal will and dignity	—	5,0	2,0	2,5	0,6	1,8	1,5	2,6
against sex freedom and sex inviolability	5,5	12,8	13,8	15,1	13,3	16,9	11,7	13,6
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
against property	13,6	15,0	15,5	16,3	16,4	15,6	13,8	13,6
in economic sphere	1,7	1,0	0,8	0,8	0,9	1,0	0,9	1,0
against environment	0,7	2,2	1,8	2,0	1,9	1,7	0,7	2,1
against public safety	3,1	3,0	2,5	2,5	2,1	1,3	1,0	1,4
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
against civil order and morality	9,9	12,6	11,7	11,2	10,5	9,9	7,9	8,9
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
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
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
in the sphere of use of computers, computing systems and networks	—	—	—	12,5	—	4,5	—	—
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
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	—

¹ Convicted by articles of the 1960 Criminal Code of Ukraine

CRIMINAL JUSTICE

23.10. Institutions executing sentences and number of prisoners who serve their sentences according to court's verdicts*(end of year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Number of institutions that execute sentences	135	137	142	142	142	147	147	147	147	146
including										
for females	7	11	12	12	12	13	12	12	12	12
for minors	11	11	11	11	11	11	11	11	11	10
Number of persons convicted according to court's verdicts, thsd.	159,5	175,3	150,9	154,6	150,9	153,7	138,3	128,9	118,4	112,6
including										
for females	7,9	10,9	9,1	9,3	9,1	9,3	8,5	8,0	6,9	6,4
for minors	2,4	2,5	2,1	2,4	2,4	2,5	2,1	2,2	1,3	1,1

23.11. Number and composition of minors who were registered by units of criminal police in juvenile delinquency cases*(end of year)*

	1990	1995	2000	2005	2008	1990	1995	2000	2005	2008
	thsd.					Percent				
Total	66,1	67,0	39,8	41,5	28,9	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	15,6	39,5	43,9	39,1	54,3	54,1
pupils of professional training institutions	16,1	10,7	6,5	7,0	5,0	24,3	15,9	16,3	16,8	17,2
did not work or study	5,4	15,9	10,0	7,8	6,2	8,2	23,8	25,2	18,7	21,4
have one parent	21,9	18,9	10,4	11,0	8,1	33,1	28,2	26,1	26,4	28,0
have no parents	1,3	1,2	0,9	1,2	1,0	1,9	1,9	2,2	2,9	3,6
live in children's homes or boarding schools	1,2	1,4	1,0	1,7	1,5	1,9	2,0	2,6	4,1	5,3

CRIMINAL JUSTICE

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

(thsd.)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Total	6515,9	22400,6	9395,4	6472,4	7097,3	7013,7	6370,3	7677,9	8867,5	9874,9
Committed offences related to industrial hygiene and health care	161,0	161,5	179,7	223,5	248,2	267,5	272,2	279,6	305,5	285,2
encroachment on property	59,7	87,4	12,8	9,5	9,6	9,5	13,0	23,0	26,5	30,1
of which petty stealing of another's property	58,8	85,0	10,9	6,1	5,6	5,4	8,4	17,6	19,6	21,8
related to environmental protection, use of natural resources, and protection of historical and cultural monuments	80,9	146,0	142,5	143,3	156,5	165,9	150,5	176,1	187,0	209,5
related to industry, construction, and use of fuel and energy resources	50,9	64,0	81,5	77,5	97,2	101,1	105,3	107,1	122,2	135,3
related to agriculture, and infringements of veterinary and sanitary regulations	73,4	87,5	95,5	93,1	121,0	127,7	136,9	136,8	142,6	146,9
related to transport, road services and communications	4379,2	18040,4	6507,4	4078,4	4502,2	4392,4	3877,8	4942,6	5753,7	6506,5
related to housing rights of citizens, housing and community amenities, and equipping localities with services and utilities	36,3	49,9	75,9	79,2	80,6	88,1	79,2	81,6	110,3	113,3
related to trade, public catering, consumer services, finance and business activities	89,5	868,1	555,4	395,4	459,9	476,6	361,5	395,2	482,2	508,4
related to standardisation, product quality, weights, measures and certification	6,6	27,2	25,9	23,9	25,2	26,4	23,0	27,1	26,3	21,6
encroachment on public safety and order	1251,4	2291,7	1142,4	850,0	832,4	781,2	730,2	797,4	913,0	952,6
of which minor hooliganism	290,2	541,5	252,8	227,6	234,1	203,1	168,4	170,6	182,6	207,4
excessive consumption of spirits at public places and presence at public places										
in the state of alcohol intoxication	700,6	1459,2	690,3	472,9	451,0	399,7	361,5	407,1	462,7	471,0
encroachment on the established procedures	327,0	576,9	576,4	498,6	564,5	577,3	620,7	711,4	798,2	965,5
infringement on popular declaration of intend and the established order of its implementation	—	—	—	—	—	—	—	0,0	0,0	0,0

In 2008, the courts with court decisions have considered 325,1 thsd. cases on administrative proceedings, among which 242,9 thsd. were with claims adjustment.

CRIMINAL JUSTICE

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

(thsd.)

	1990		1995		2000		2005		2008	
	conside- red cases (applica- tions)	satisfied suits (issue the writs)	conside- red cases (applica- tions)	satisfied suits (issue the writs)	conside- red cases (applica- tions)	satisfied suits (issue the writs)	conside- red cases (applica- tions)	satisfied suits (issue the writs)	conside- red cases (applica- tions)	satisfied suits (issue the writs)
Total cases	379,2	345,7	453,3	429,4	911,4	867,1	1116,2	1040,9	1680,2	1278,3
of which										
reinstatement	3,8	1,8	3,6	2,0	5,5	3,1	3,8	2,2	3,7	1,5
payment of wages	1,1	0,7	0,9	0,7	237,6	232,3	56,0	53,5	16,1	10,3
indemnification of financial damage, inflicted by employees to state enterprise, establishment, organization	9,8	8,4	1,8	1,7	1,8	1,6	0,7	0,6	1,4	0,9
divorce	172,2	164,4	172,4	168,7	156,9	154,8	140,7	138,8	160,8	124,9

23.14. State notary services

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Total state notary offices	729	822	795	794	801	796	826	821	822	822
Total notary actions (will witnessing, heritage certificates issuing, execution of court orders, etc), thsd.	4532	8216	3920	3709	3831	4414	4094	4096	4228	4387
Total state duty for notary activities received by the budget, mln. UAH	...	22,3	50,8	52,6	65,6	82,6	71,2	89,8	98,3	102,2

In 2008, 4520 private notary who had carried out 17087 thsd. notarial actions reported to the State justice agencies.

CRIMINAL JUSTICE

23.15. Fires, basic indicators

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total fires	47875	37596	36814	41794	40374	49654	53751	51432	55708	49838
Fire consequences										
total killed, persons	2067	2423	3524	3660	3929	3822	4182	4038	3983	3896
of whom children	166	149	131	133	130	92	119	126	139	92
total injured, persons	1332	1532	1829	1819	1854	1872	1912	1903	1871	1817
total rescued, persons	2073	6901	7943	6640	7536	4104	4114	3632	3224	6546
Total direct losses, mln. UAH	73,2	70,3	127,1	111,4	128,6	92,1	292,5	204,9	576,8	2945,2
Destroyed or damaged										
buildings and dwellings	8198	17704	19222	21189	20700	17401	20918	20256	23129	21043
car equipment	956	2142	2257	2637	2454	2342	2457	2555	2862	3084
Loss of livestock, heads	1386	835	570	912	999	460	675	825	528	812
Destroyed fodder, t	39191	24203	25047	20615	14545	14009	19529	15155	16024	15536

23.16. Fires, by cause

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total fires	47875	37596	36814	41794	40374	49654	53751	51432	55708	49838
Arsons	3640	2273	1843	1664	1454	1329	1546	1469	1644	1814
Equipment disrepair	791	294	226	177	157	186	161	141	121	117
Infractions of electric equipment and appliances, assembling and operation rules	11693	10693	10559	10750	10351	10758	10907	10965	10628	10545
Infractions of heating and heat generating equipment, assembling and operation rules	4600	3535	4004	3972	3764	3827	4022	4292	3666	3733
Careless use of fire	18408	14925	14685	19012	15420	24866	30944	29296	33738	28441
Children's mischief with fire	3931	2294	1803	1836	1544	1710	1769	1299	1324	1015
Unidentified reasons	323	11	34	8	3	—	3	3	3	2
Other reasons	4489	3571	3660	4375	7681	6978	4399	3967	4584	4171

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 or other significance.

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.

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.

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.

Stationary emission of pollutants into the atmosphere refers to the emission of pollutants during an operational process from stationary technical unit (equipment, devices, machines, etc.). It also refers to emissions from waste banks, reservoirs and other storages.

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.

Neutralization (liquidation) of wastes is the reduction or elimination of hazardous wastes through the mechanical, chemical or biological processing.

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).

Capacity of purifying facilities is maximal volume of recycled water purified in a year.

Hazardous substance is a substance of chemical or biological origin that is present or come into the atmosphere and can directly or indirectly cause the negative impact upon the health of the human being and environment.

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

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

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 organized sources and without treatment from organized and non-organized 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, air, rail and water transport, and industrial transport.

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.

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

LAND

24.1. Lands of Ukraine¹

(as of January 1, 2009)

	Area, thsd.ha	Percentage of total land
Total land area	60354,8	100,0
land used in agricultural production	42844,8	71,0
forest and forested land	10570,1	17,5
built areas	2489,0	4,1
land under water	2422,5	4,0
open swamp areas	978,0	1,6
other land	1050,4	1,8

¹ According to data from the Ukraine's State Committee on Land Resources

24.2. Preserves and national nature parks

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total preserves and national nature parks	21	20	31	32	33	33	36	36	38	38	39
Their area, thsd.ha	407,0	417,6	887,5	970,8	1013,6	1013,8	1052,5	1056,5	1104,3	1107,0	1146,8

24.3. Damaged and recultivated land

(thsd.ha)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Damaged	17,0	3,5	1,9	2,2	1,5	3,5	1,8	2,0	1,7	1,4	1,2
Exhausted	16,4	4,6	2,8	2,6	3,6	2,0	1,4	1,8	2,0	1,1	2,0
Recultivated	19,2	8,4	3,7	2,6	2,8	1,9	1,5	2,1	1,4	1,2	1,6
of which arable land	8,9	1,5	1,5	0,8	0,7	0,5	0,4	0,3	0,5	0,2	0,3

As of end of 2008 the area of damaged soil accounted for 163,1 thsd.ha and that of exhausted to 52,4 thsd.ha.

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

24.4. Land protection operations¹

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Construction of anti-erosion hydrotechnical installations										
earthen walls, walls-ditches, km	135,2	9,3	4,4	5,0	4,0	13,5	3,6	8,6	7,3	8,0
walls-terraces, km	5,4	10,9	16,9	8,6	3,8	5,1	6,6	2,3	2,4	2,3
walls-roads, km	16,2	2,2	0,1	0,3	1,1	1,1	1,1	2,2	1,3	1,1
anti-erosion ponds (storages of solid drainage), ha	177,0	24,0	32,3	33,7	31,8	5,2	7,0	1,5	2,0	1,8
water drainage constructions, pcs	51	18	16	6	2	1	2	2	1	2
reinforced shores, km	1,0	4,7	1,2	0,9	237,0	2,6	3,9	4,2	4,2	1,2
Alkalisation of severely degraded and chemical-polluted arable land, ha	12785,0	14974,0	3510,0	6496,0	16728,8	8566,0	6341,5	8929,9	6212,3	6021,8

¹ See the footnote to Table 24.1

24.5. Liming and plastering of soils

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Limed soil, thsd.ha	1407,9	286,6	23,9	26,7	21,5	23,5	40,9	41,7	43,9	49,0	59,7
Lime powder and other lime materials applied, thsd.t	6930,7	1597,4	169,7	191,1	143,8	132,0	222,8	243,1	283,4	300,3	334,1
Plastered soil, thsd.ha	285,4	18,1	5,1	3,6	5,0	1,6	3,8	2,7	5,7	7,9	9,8
Plaster and other plaster-containing rock applied, thsd.t	1275,9	79,2	27,0	14,3	25,0	5,4	16,5	12,1	30,4	39,9	39,2

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

WATER RESOURCES

24.6. Water supply and water drainage, basic indicators

(mln.cub.m)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Consumption of fresh water (including sea water)	30201	20338	12991	12168	11589	11034	9973	10188	10245	10995	10265
of which											
for production purposes	16247	10421	6957	7033	6632	6068	5685	5706	5783	6162	5970
for household and drinking purposes	4647	4404	3311	3041	2870	2724	2527	2409	2298	2192	2103
Discharge (drainage) of waste waters	20261	14981	10964	10569	10005	9459	9065	8900	8824	8917	8655
of which											
polluted	3199	4652	3313	3008	2920	2948	3326	3444	3891	3854	2728
of which without purification	470	912	758	746	782	804	758	896	1427	1506	616
purified according to standards	3318	1936	2100	2188	2111	1946	1492	1315	1304	1245	1357
Total waste and recycled waters	67661	51054	41523	41334	41315	42345	45658	47167	47716	48883	46260
Capacity of purifying facilities	8131	8419	7992	7790	7546	7733	7740	7688	8104	7768	7518

24.7. Fresh water consumption, by region

(mln.cub.m)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	30201	20338	12991	12168	11589	11034	9973	10188	10245	10995	10265
Autonomous Republic of Crimea	2735	1747	1106	862	778	826	685	791	743	784	687
oblasts											
Vinnitsya	1894	1016	696	693	610	126	121	125	121	113	107
Volyn	187	225	121	98	104	115	80	71	77	80	78
Dnipropetrovsk	3599	2752	1756	1933	1673	1624	1475	1579	1480	1461	1462
Donetsk	3419	2548	1751	1718	1604	1676	1589	1508	1562	1633	1527
Zhytomyr	282	178	107	103	100	103	101	101	137	163	166
Zakarpattia	144	104	70	68	57	51	48	44	42	38	37
Zaporizhzhya	4598	2635	1702	1518	1449	1342	1123	1076	1101	1464	1286
Ivano-Frankivsk	289	219	111	96	96	99	98	104	101	103	100
Kyiv	2131	1496	1132	963	1021	948	786	812	874	862	881
Kirovohrad	270	184	86	73	65	62	57	53	45	44	46
Luhansk	1261	954	408	375	332	288	268	254	250	241	232
Lviv	552	386	219	237	234	217	209	203	195	191	187
Mykolayiv	785	500	277	250	249	233	178	194	223	233	205
Odesa	1315	719	479	414	376	350	312	330	336	360	321
Poltava	478	295	248	232	229	238	220	206	290	292	271
Rivne	268	190	125	137	143	145	149	160	159	167	174
Sumy	281	216	115	99	93	97	109	109	117	110	111
Ternopil	183	162	65	72	68	66	73	66	64	66	59
Kharkiv	785	594	408	361	389	376	373	295	292	295	317
Kherson	2161	1131	639	443	510	576	428	610	607	923	669
Khmelnyskiy	363	269	156	131	112	109	102	102	107	127	106
Cherkasy	563	547	214	237	239	244	238	246	251	243	243
Chernivtsi	109	85	57	61	72	72	64	68	69	60	60
Chernihiv	285	235	122	129	120	157	155	149	137	154	148
cities											
Kyiv	1093	848	777	824	818	824	856	872	792	728	709
Sevastopol	171	103	44	41	48	70	76	60	73	60	76

24.8. Recycled and reused water, by region

	Total, mln.cub.m							Share of recycled water in total water used for production purposes, percent						
	1995	2000	2004	2005	2006	2007	2008	1995	2000	2004	2005	2006	2007	2008
Ukraine	51054	41523	45658	47167	47716	48883	46260	83	86	89	89	89	89	89
Autonomous Republic of Crimea	377	252	310	338	320	325	323	73	77	79	79	79	79	81
oblasts														
Vinnitsya	195	85	546	573	757	905	903	18	12	89	88	91	93	93
Volyn	62	42	38	43	46	43	38	64	74	64	67	65	64	61
Dnipro-petrovsk	7189	5668	5467	5375	5557	5687	5637	79	82	83	81	83	84	83
Donetsk	10760	7838	7330	7745	8018	8503	7784	87	87	86	87	87	87	87
Zhytomyr	239	152	234	237	243	238	247	80	86	87	87	84	82	83
Zakarpattya	55	19	7	9	9	1	1	68	79	54	56	50	11	14
Zaporizhzhya	7723	9996	10683	10022	10194	10393	9507	79	88	92	92	92	89	90
Ivano-Frankivsk	3033	1165	2156	2228	2250	2188	2104	97	95	97	97	97	97	97
Kyiv	2822	1897	493	492	474	374	323	69	66	42	41	39	33	29
Kirovohrad	157	47	111	97	115	119	123	75	68	83	84	88	89	87
Luhansk	2719	2328	2148	2235	2405	2638	2555	85	93	94	95	95	95	95
Lviv	670	405	416	437	425	417	119	85	88	87	88	89	89	69
Mykolayiv	3395	2976	3932	3782	3230	3237	3608	96	97	98	98	96	97	97
Odesa	245	179	179	210	112	142	165	61	69	76	73	60	64	67
Poltava	1263	839	1018	1072	1086	1098	938	92	94	95	96	92	91	91
Rivne	3342	3160	6094	6074	6111	6136	6093	98	98	99	99	99	99	98
Sumy	504	188	193	191	195	207	185	88	82	83	84	83	84	83
Ternopil	122	71	69	57	64	56	46	72	71	69	69	71	70	70
Kharkiv	3019	1707	1606	1669	1649	1554	1574	94	94	93	95	95	94	93
Kherson	197	72	88	84	98	67	60	69	69	74	70	75	61	67
Khmelnyskiy	1188	1157	1060	2714	2986	3150	2574	95	96	97	98	98	99	98
Cherkasy	780	614	678	743	680	680	641	82	89	92	93	93	94	94
Chernivtsi	41	21	9	9	9	9	9	68	53	33	29	28	30	35
Chernihiv	249	177	193	213	214	204	200	65	74	65	68	70	65	66
cities														
Kyiv	681	465	512	501	462	491	473	61	54	51	49	50	54	53
Sevastopol	27	3	88	17	7	21	30	44	27	68	39	15	44	39

24.9. Waste recycled waters drained into the natural surface water basins in 2008, by region*(mln.cub.m)*

	Total	Including		Share of total waste recycled waters drained, percent
		without purification	insufficient purification	
Ukraine	2728	616	2112	31,5
Autonomous Republic of Crimea	71	13	58	26,0
oblasts				
Vinnytsya	2	0	2	2,6
Volyn	4	1	3	6,9
Dnipropetrovsk	613	142	471	44,3
Donetsk	615	65	550	39,8
Zhytomyr	8	1	7	5,1
Zakarpattia	12	1	11	23,5
Zaporizhzhya	378	246	132	35,6
Ivano-Frankivsk	19	0	19	20,2
Kyiv	30	4	26	3,8
Kirovohrad	30	0	30	46,9
Luhansk	147	31	116	44,5
Lviv	60	6	54	22,9
Mykolayiv	28	0	28	30,1
Odesa	188	45	143	70,4
Poltava	7	—	7	3,2
Rivne	28	14	14	21,9
Sumy	23	0	23	32,4
Ternopil	3	1	2	4,8
Kharkiv	16	8	8	5,0
Kherson	2	1	1	2,0
Khmelnyskiy	3	0	3	5,3
Cherkasy	11	4	7	4,8
Chernivtsi	11	5	6	22,9
Chernihiv	26	—	26	20,0
cities				
Kyiv	366	24	342	51,2
Sevastopol	27	4	23	43,5

ATMOSPHERE

24.10. Emission of pollutants and carbon dioxide into the atmosphere

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Emission of pollutants into the atmosphere – total	15549,4	7483,5	5908,6	6049,5	6101,9	6191,3	6325,9	6615,6	7027,6	7380,0	7210,3
of which											
by stationary sources	9439,1	5687,0	3959,4	4054,8	4075,0	4087,8	4151,9	4464,1	4822,2	4813,3	4524,9
of which											
sulfur dioxide	2782,3	1639,1	976,6	983,6	1023,9	1034,2	975,4	1119,5	1333,0	1313,1	1290,6
nitrogen peroxide	760,8	423,8	320,0	328,1	309,4	306,0	291,7	343,7	325,8	336,6	330,9
nitrogen oxide	...	...	...	...	...	...	16,3	7,1	7,0	6,5	5,9
carbon oxide	3273,7	1478,8	1230,6	1270,3	1256,8	1269,7	1318,8	1320,5	1357,9	1404,4	1185,2
methane ¹	261,6	235,2	179,7	276,6	365,5	375,4	745,1	811,1	917,1	884,9	915,2
nonmethane volatile organic compounds ²	200,4	313,0	263,8	232,5	284,5	223,1	91,7	91,1	87,5	82,3	73,7
soot	34,5	40,4	10,7	12,2	11,3	9,5	11,6	11,1	11,3	9,9	8,3
movable sources	6110,3	1796,5	1949,2	1994,7	2026,9	2103,5	2174,0	2151,5	2205,4	2566,7	2685,4
of which											
sulfur dioxide	...	...	8,2	8,5	8,7	12,1	13,1	13,3	14,2	29,5	30,0
nitrogen peroxide	...	106,5	120,6	123,9	126,3	171,9	180,2	180,2	189,3	305,3	311,1
nitrogen oxide	...	...	...	...	...	...	...	...	...	2,3	2,4
carbon oxide	...	1426,8	1546,2	1582,2	1608,3	1619,9	1672,2	1654,7	1692,6	1897,1	1991,5
methane ³	...	263,2	267,0	272,6	275,9	283,1	290,2	284,5	287,6	9,2	8,6
nonmethane volatile organic compounds	...	...	...	...	...	4,6	5,3	5,4	7,2	290,0	308,3
soot	...	...	7,2	7,5	7,7	11,9	13,0	13,4	14,3	33,1	33,3
of which											
movable sources for kind of transport											
by automobile transport	6110,3	1796,5	1949,2	1994,7	2026,9	2009,7	2076,9	2056,0	2097,0	2294,4	2420,3
of which											
sulfur dioxide	...	...	8,2	8,5	8,7	9,4	10,3	10,5	11,0	19,5	20,1
nitrogen peroxide	...	106,5	120,6	123,9	126,3	128,0	135,1	136,2	141,3	202,7	211,6
nitrogen oxide	...	...	...	...	...	...	...	...	...	1,2	1,3
carbon oxide	...	1426,8	1546,2	1582,2	1608,3	1591,4	1642,8	1625,8	1657,8	1773,3	1870,5
methane ³	...	263,2	267,0	272,6	275,9	272,2	279,0	273,5	276,2	7,6	8,0
nonmethane volatile organic compounds	...	...	...	...	...	...	...	...	...	266,6	284,8
soot	...	...	7,2	7,5	7,7	8,7	9,7	10,0	10,7	23,4	23,8
by aviation, railway, water transport and manufacturing technics ⁴	...	...	...	...	...	93,8	97,1	95,5	108,4	272,3	265,1
of which											
sulfur dioxide	...	...	...	...	...	2,7	2,8	2,8	3,2	10,0	9,9
nitrogen peroxide	...	...	...	...	...	43,9	45,1	44,0	48,0	102,6	99,5
nitrogen oxide	...	...	...	...	...	...	...	...	...	1,1	1,1
carbon oxide	...	...	...	...	...	28,5	29,4	28,9	34,8	123,8	121,0
methane ³	...	...	...	...	...	10,9	11,2	11,0	11,4	1,6	0,6
nonmethane volatile organic compounds	...	...	...	...	...	4,6	5,3	5,4	7,2	23,4	23,5

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.10 is continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
soot	...	...	...	...	...	3,2	3,3	3,4	3,6	9,7	9,5
Besides emission of carbon dioxide – total	...	...	...	...	...	...	126882,2	152008,1	178760,5	218071,4	209377,1
of which											
by stationary sources	...	...	...	...	...	...	126882,2	152008,1	178760,5	183962,9	174234,0
by automobile transport	...	...	...	...	...	...	...	...	...	25671,7	26719,2
by aviation, railway, water transport and manufacturing technics	...	...	...	...	...	...	...	...	...	8436,8	8423,9

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 automobile transport; in 2003–2006 for aviation, railway and water transport – including other hydrocarbons

⁴ Since 2007 including manufacturing technics emission

24.11. Emission of pollutants into the atmosphere, by region¹

	Total, thsd.t						Per sq.km, t					
	1995	2000	2005	2006	2007	2008	1995	2000	2005	2006	2007	2008
Ukraine	7483,5	5908,6	6615,6	7027,6	7380,0	7210,3	12,4	9,8	11,0	11,6	12,2	11,9
Autonomous Republic of Crimea	150,9	123,4	125,3	123,2	148,4	155,2	5,8	4,7	4,8	4,7	5,7	5,9
oblasts												
Vinnitsya	201,4	145,6	180,4	211,8	236,7	218,1	7,6	5,5	6,8	8,0	8,9	8,2
Volyn	48,9	35,2	50,4	56,8	66,4	63,4	2,4	1,8	2,5	2,8	3,3	3,2
Dnipropetrovsk	1106,7	939,5	1165,3	1273,7	1324,7	1164,8	34,7	29,5	36,5	39,9	41,5	36,5
Donetsk	2294,3	1795,3	1862,9	1895,2	1871,2	1767,2	86,6	67,7	70,3	71,5	70,6	66,7
Zhytomyr	67,8	61,8	72,5	75,8	83,7	80,5	2,3	2,1	2,4	2,5	2,8	2,7
Zakarpattia	36,7	40,7	65,9	70,7	88,2	91,4	2,9	3,2	5,1	5,5	6,9	7,1
Zaporizhzhya	346,1	333,3	383,4	378,8	347,6	331,7	12,7	12,3	14,1	13,9	12,8	12,2
Ivano-Frankivsk	325,7	184,8	252,2	318,4	325,2	298,3	23,4	13,3	18,1	22,9	23,4	21,5
Kyiv	209,1	167,5	170,0	201,9	251,3	289,9	7,4	6,0	6,0	7,2	8,9	10,3
Kirovohrad	133,7	80,4	70,3	61,9	80,3	75,1	5,4	3,3	2,9	2,5	3,3	3,1
Luhansk	670,5	529,2	593,6	641,3	632,4	662,5	25,1	19,8	22,2	24,0	23,7	24,8
Lviv	239,6	192,9	187,6	206,7	253,1	266,8	11,0	8,8	8,6	9,5	11,6	12,2
Mykolayiv	85,3	54,2	71,4	69,0	86,6	89,6	3,5	2,2	2,9	2,8	3,5	3,6
Odesa	127,1	113,5	141,1	140,2	189,3	192,2	3,8	3,4	4,2	4,2	5,7	5,8
Poltava	233,6	151,9	161,1	190,4	205,7	202,2	8,1	5,3	5,6	6,6	7,1	7,0
Rivne	64,6	49,7	60,9	59,2	66,2	61,5	3,2	2,5	3,0	2,9	3,3	3,1
Sumy	100,3	81,1	78,1	77,8	88,4	87,4	4,2	3,4	3,3	3,3	3,7	3,7
Ternopil	65,3	43,3	47,7	53,5	66,1	64,8	4,7	3,1	3,5	3,9	4,8	4,7
Kharkiv	367,4	268,6	301,6	324,2	296,7	310,4	11,7	8,6	9,6	10,3	9,4	9,9
Kherson	89,4	64,3	62,6	64,6	77,6	84,0	3,1	2,3	2,2	2,3	2,7	2,9
Khmelnyskiy	111,4	70,0	52,5	57,9	87,5	92,1	5,4	3,4	2,5	2,8	4,2	4,5
Cherkasy	132,9	93,1	95,5	105,3	119,3	124,0	6,4	4,5	4,6	5,0	5,7	5,9
Chernivtsi	35,0	35,1	33,6	32,7	45,9	43,3	4,3	4,3	4,1	4,0	5,7	5,3
Chernihiv	102,0	64,2	83,4	85,7	90,6	98,1	3,2	2,0	2,6	2,7	2,8	3,1
cities												
Kyiv	123,1	170,4	220,5	227,1	230,5	275,2	153,9	213,0	275,6	283,9	288,1	344,0
Sevastopol	14,7	19,6	25,8	23,8	20,4	20,6	16,3	21,8	28,7	26,4	22,7	22,9

¹ In 1995, 2000 are given data emission of pollutants from stationary sources and automobile transport. Since 2005 including data emission of pollutants from railway, aviation and water transport; since 2007 – industrial transport

**24.12. Stationary pollutant emissions and carbon dioxide into the atmosphere in 2008,
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	10729	4524,9	94,0	174234,0	94,7
Agriculture, hunting and related services	893	53,5	104,6	616,6	108,7
Forestry and related services	130	2,2	95,7	22,8	92,1
Fishing, fishery	17	0,1	94,5	0,4	75,2
Mining	517	969,2	95,3	2432,3	49,2
mining of fuel and energy minerals	270	794,9	101,5	2037,1	45,1
mining operations apart from fuel and energy minerals	247	174,3	74,4	395,2	91,3
Manufacturing	4260	1511,7	84,9	62995,9	91,4
including					
production of foodstuffs, beverages and tobacco products	1350	34,7	81,9	2896,5	108,0
production of coke and refined petroleum products	45	92,2	92,9	6534,2	100,5
production of chemicals	184	89,3	98,3	7507,3	96,0
production of other non-metallic mineral products	642	100,5	98,9	5504,7	100,6
metallurgy and production of finished metal products	367	1149,9	82,3	38215,1	86,6
manufacture of transport vehicles and equipment	487	13,0	91,1	661,3	95,6
Production and distribution of electricity, gas and water	767	1686,7	101,7	97583,2	99,2
Construction	820	35,9	103,7	709,2	91,1
Activity of transport and communications	1156	227,2	99,7	8892,0	95,8
including activity of surface transport	463	211,1	100,1	8546,1	106,9
Other types of economic activity	2169	38,4	86,0	981,6	88,6

24.13. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Ukraine	9439,1	5687,0	3959,4	4075,0	4087,8	4151,9	4464,1	4822,2	4813,3	4524,9
Autonomous Republic of Crimea	315,9	83,7	33,5	31,7	42,2	35,1	35,1	34,2	33,8	31,1
of which										
Simferopol	12,0	4,2	2,0	1,6	1,8	1,7	2,1	1,9	2,0	1,8
Armyansk	0,1	10,1	6,1	5,1	7,4	9,8	9,7	9,7	10,1	9,4
Kerch	223,2	51,4	10,6	5,5	5,7	4,4	2,5	2,4	2,4	1,8
Krasnoperekopsk	50,1	9,0	8,6	8,0	8,7	9,9	10,8	10,0	9,3	9,8
Yalta	1,5	1,2	0,8	1,0	1,1	1,1	1,3	0,8	0,7	0,6
oblasts										
Vinnitsya	180,2	127,0	80,1	57,8	59,4	76,8	107,4	135,4	152,4	130,3
of which										
Vinnitsya city	10,7	4,6	2,1	2,1	2,2	3,2	5,1	5,0	4,8	4,2
Ladyzhyn	...	...	62,9	41,9	45,3	60,2	87,1	115,3	132,0	105,3
Volyn	33,9	15,3	10,3	7,6	6,6	8,5	10,1	12,2	11,5	10,0
of which										
Lutsk	6,2	2,9	2,1	1,3	1,6	1,6	1,8	1,9	1,5	1,0
Novovolynsk	...	...	2,8	2,1	0,5	0,6	0,7	0,6	0,6	0,4
Kovel	...	...	1,7	0,6	0,4	0,6	1,1	3,6	5,0	4,2
Dnipropetrovsk	2170,1	1031,2	783,6	888,6	834,0	873,9	993,7	1101,1	1119,0	952,3
of which										
Dnipropetrovsk city	254,1	177,1	97,3	106,5	115,5	111,1	128,8	127,1	122,8	120,3
Dnieprodzerzhynsk	268,2	84,6	105,0	126,7	128,4	127,1	126,1	128,1	120,7	110,3
Zelenodolsk	...	...	79,4	107,8	76,0	89,7	108,6	150,4	142,6	146,0
Kryviy Rih	1041,7	454,7	443,4	465,2	425,2	446,0	523,9	577,5	608,5	449,4
Nikopol	68,2	38,8	28,4	23,4	18,9	25,2	24,6	28,1	32,2	25,3
Donetsk	2539,2	2136,5	1590,0	1580,7	1576,8	1598,3	1638,1	1659,7	1653,4	1533,4
of which										
Donetsk city	171,0	298,7	197,9	168,0	161,1	197,5	168,9	140,0	125,9	101,7
Avdyivka	57,1	35,2	37,4	31,1	32,9	31,9	23,8	19,6	21,2	18,3
Vuhledar	...	...	23,2	28,4	19,9	34,6	31,8	33,0	30,9	28,1
Horlivka	79,4	130,6	50,4	40,7	48,1	39,7	45,6	44,2	37,4	27,9
Debaltseve	231,7	149,9	108,6	123,6	117,8	98,9	95,5	120,1	101,9	114,9
of which										
Svitlodarske	...	...	94,3	115,8	112,1	93,9	90,6	110,9	87,7	100,2
Dzerzhynsk	15,2	32,6	31,6	27,7	24,4	21,8	20,1	18,3	15,0	13,2
Dobropillya	...	...	8,6	15,8	11,9	43,8	34,1	42,8	45,2	55,4
Yenakiyev	125,4	174,0	74,8	82,6	78,2	78,7	66,1	62,9	65,1	74,6
Zuhres	...	...	70,8	50,9	52,2	35,0	61,3	77,6	83,6	66,3
Kirovske	...	...	35,6	24,8	21,0	14,6	57,1	61,9	57,1	64,3
Kurahove	...	...	117,2	30,8	104,2	90,5	103,4	139,1	160,2	162,8
Krasnoarmiysk	...	...	21,7	39,9	39,4	39,8	38,3	41,0	29,5	33,2
Makyivka	305,2	121,2	103,7	109,4	112,3	119,4	124,8	123,5	131,5	110,1
Mariupol	610,2	340,4	340,4	370,0	401,6	418,9	425,7	397,3	421,1	359,3
Novy Svit	...	...	121,8	112,8	134,2	105,6	123,7	117,1	108,6	98,1
Novoamvrosiyske	...	...	0,6	0,0	1,8	11,0	6,7	9,4	12,4	12,4
Rayhorodok	...	...	32,4	40,9	44,0	48,4	48,9	49,2	45,0	36,5
Rodynske	...	...	20,6	38,7	38,1	38,7	37,1	40,1	28,9	32,7
Sloviansk	84,0	69,7	2,0	1,8	1,6	2,1	2,5	2,2	2,0	1,9
Khartsyzk	...	...	88,4	65,8	67,6	43,3	68,9	84,3	91,4	73,3
Zhytomyr	84,8	30,6	12,3	12,7	16,0	19,7	13,4	15,6	19,2	19,1
of which										
Zhytomyr city	11,1	3,7	2,1	2,9	4,2	3,3	3,0	1,9	1,8	1,7
Berdychiv	...	...	1,5	1,9	2,1	2,7	2,2	3,9	5,8	6,1
Korosten	...	...	1,2	0,8	1,0	1,0	0,8	0,8	0,6	0,6

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.13 is continued

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Zakarpattia	38,2	13,2	7,7	7,8	12,5	9,6	26,6	25,6	22,9	23,2
of which										
Uzhgorod	2,2	0,8	0,7	0,7	0,9	0,7	3,1	3,2	2,9	1,7
Vynohradiv	...	...	0,2	0,1	0,2	0,1	0,0	3,0	3,0	3,0
Volovets	...	...	1,0	0,9	1,6	2,1	2,0	1,8	1,8	1,6
Zaporizhzhya	587,5	268,8	231,2	233,5	235,8	230,5	262,0	258,1	231,6	218,3
of which										
Zaporizhzhya city	246,3	143,4	135,5	123,9	130,5	151,9	153,9	149,5	147,5	130,4
Enerhodar	273,3	101,0	80,8	95,7	91,4	66,8	98,4	98,1	75,5	80,6
Ivano-Frankivsk	403,3	271,7	141,0	149,0	181,3	176,6	204,2	269,3	269,9	241,7
of which										
Ivano-Frankivsk city	5,6	2,7	0,8	0,7	0,7	0,7	0,7	0,6	0,6	0,7
Burshtyn	308,1	220,0	118,9	126,6	153,5	150,1	176,5	238,5	246,1	218,3
Kyiv	219,9	122,6	80,8	93,0	75,3	78,8	73,0	108,3	93,3	107,4
of which										
Bohuslav	...	...	0,1	0,1	0,2	3,0	3,3	3,0	1,9	2,0
Boyarka	...	...	0,1	0,3	0,4	1,2	0,4	8,0	7,1	8,0
Bila Tserkva	25,4	5,1	3,0	2,9	2,5	2,7	2,3	2,2	1,7	2,1
Ukrayinka	...	...	64,5	77,9	58,9	59,3	53,2	74,6	65,8	79,3
Yagotyn	...	...	2,5	0,2	2,4	2,6	2,2	7,5	6,5	6,0
Kirovohrad	171,7	84,3	44,7	36,9	28,8	29,4	33,0	22,6	20,2	14,2
of which										
Kirovohrad										
Oleksandriya	23,4	3,6	2,2	2,3	2,6	2,9	2,4	2,9	3,1	2,9
of which	102,4	51,8	32,1	24,7	16,1	11,6	12,5	6,7	5,8	0,2
Dymytrove	...	...	23,5	15,5	12,6	8,4	9,7	5,5	5,6	0,0
Luhansk	862,3	578,1	429,0	438,5	479,1	453,0	474,7	517,1	542,7	566,3
of which										
Luhansk city	204,4	79,5	144,2	133,8	138,3	112,0	118,8	140,8	150,6	175,8
of which										
Schastya	...	...	140,4	128,3	132,2	104,4	112,9	131,8	140,2	168,2
Alchevsk	...	...	78,7	82,4	92,7	108,1	104,8	102,2	115,9	101,3
Krasniy Luch	31,0	41,5	20,1	12,2	15,1	16,8	16,7	14,1	19,2	25,5
Krasnodon	...	...	26,0	45,3	76,0	58,8	73,0	93,0	90,5	94,0
of which										
Molodohvardiysk	...	...	12,6	16,7	23,7	32,0	30,2	35,1	29,6	25,0
Sukhodilsk	...	...	9,9	25,1	49,1	23,9	40,3	55,8	58,3	66,8
Lysychansk	129,1	42,6	32,1	46,8	36,8	40,3	45,1	40,2	37,9	37,1
Perevalsk	...	...	10,7	7,5	8,9	6,6	6,1	5,9	5,8	6,5
Samsonivka	...	...	5,2	17,3	14,8	12,9	13,5	18,1	28,9	35,1
Stakhanov	76,1	45,5	19,7	17,7	21,0	26,3	29,2	26,9	28,7	26,7
Lviv	271,9	124,6	108,6	97,8	96,1	89,9	95,8	110,6	110,5	126,4
of which										
Lviv city	13,5	5,8	3,1	3,6	3,5	2,9	2,8	2,2	2,2	1,9
Dobrotvir	...	...	73,0	57,8	53,2	46,9	51,5	59,8	52,6	59,1
Mykolayiv	98,6	34,6	11,4	15,4	15,4	22,2	24,3	21,2	22,6	25,8
of which										
Mykolayiv city	38,1	15,2	5,7	6,4	6,3	6,6	6,5	6,5	6,1	7,0
Olshanske	...	...	2,3	3,9	3,6	4,7	6,0	5,9	6,9	9,7
Odesa	129,0	42,9	23,2	24,7	26,4	29,2	40,5	42,0	35,8	34,4
of which										
Odesa city	80,6	19,1	9,4	9,3	7,7	9,9	21,1	21,8	17,5	17,6
Berezivka	...	...	0,3	0,6	0,1	1,3	1,8	2,1	1,9	1,3
Illichivsk	...	...	1,2	1,0	0,7	0,5	1,4	2,2	1,7	0,5

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.13 is continued

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Kotovsk	...	...	2,1	1,0	1,5	1,4	1,3	1,1	0,7	0,7
Yuzhne	...	...	2,2	2,0	2,2	2,5	2,8	2,9	2,7	2,6
Poltava	220,7	126,2	60,4	71,8	68,0	72,4	68,4	93,1	100,2	93,4
of which										
Poltava city	9,3	5,4	2,9	2,9	3,5	2,5	2,4	2,5	2,5	2,1
Komsomolsk	...	...	7,1	7,2	7,1	9,1	9,6	9,9	9,9	9,8
Kremenchuk	151,4	70,6	24,9	35,8	31,2	33,4	28,7	28,9	28,0	24,7
Rivne	63,5	25,3	14,1	15,3	16,8	15,8	17,3	17,9	18,5	16,2
of which										
Rivne city	12,0	5,1	4,2	4,2	3,9	3,5	3,3	3,9	4,4	3,5
Zdolbuniv	...	...	2,8	3,4	4,2	5,0	5,5	4,5	4,6	4,2
Sumy	117,8	42,5	26,3	29,0	27,8	30,2	26,1	28,4	29,1	29,7
of which										
Sumy city	20,5	6,3	8,0	15,6	7,8	8,5	8,6	8,1	9,3	9,5
Konotop	18,7	2,6	1,4	1,1	1,1	0,9	0,7	0,6	0,5	0,4
Shostka	14,1	2,6	1,4	1,2	1,5	0,6	0,5	0,3	0,4	0,4
Ternopil	71,6	21,9	9,2	9,3	10,3	12,6	14,8	19,4	20,5	19,2
of which										
Ternopil city	8,7	3,2	1,1	0,9	1,0	0,8	0,8	0,8	0,8	0,7
Velyki Birky	...	...	0,6	1,1	0,5	0,8	2,3	7,2	7,5	7,6
Kremenets	...	...	0,9	0,8	0,8	0,5	0,5	0,6	1,6	1,4
Kharkiv	355,9	241,2	143,7	151,6	148,3	148,0	158,7	182,4	160,1	173,1
of which										
Kharkiv city	52,8	50,6	20,6	13,7	10,7	6,9	6,9	6,7	6,2	6,0
Balakliya	...	...	4,6	5,8	5,9	7,0	9,1	9,1	12,1	11,7
Komsomolske	...	...	95,2	100,5	99,3	84,8	104,4	123,6	98,8	115,5
Chervoniy Donets	...	...	8,2	3,3	3,9	8,1	4,0	5,1	7,5	4,9
Kherson	74,7	37,5	11,6	9,3	9,3	8,7	11,0	14,8	9,4	11,9
of which										
Kherson city	51,2	24,8	8,0	6,7	6,9	6,5	9,2	13,1	7,8	10,5
Khmelnyskiy	125,2	54,4	18,4	22,3	18,0	16,9	16,0	17,9	23,4	24,5
of which										
Khmelnyskiy city	7,9	5,6	2,9	2,7	2,0	1,3	1,2	1,1	1,1	1,1
Humensi	...	...	2,2	3,9	5,3	6,2	7,2	7,1	12,6	14,3
Krasyliv	...	...	1,6	5,3	1,7	2,2	1,9	3,7	4,1	3,7
Slavuta	...	...	1,9	2,4	2,1	1,3	1,2	1,0	0,7	0,7
Starokostyantyniv	...	...	0,8	0,7	0,5	0,3	0,3	0,5	0,4	0,6
Cherkasy	129,7	63,6	28,8	29,3	36,7	34,8	39,4	40,2	38,8	43,2
of which										
Cherkasy city	31,5	22,8	16,8	14,8	20,8	17,3	21,4	19,1	18,4	19,5
Smila	...	...	1,3	1,4	1,7	1,2	1,8	1,5	0,7	0,5
Talne	...	...	0,8	0,9	0,9	1,5	2,2	2,1	1,8	1,6
Chernivtsi	25,9	10,3	4,1	5,6	6,0	4,8	5,2	4,2	4,4	3,9
of which										
Chernivtsi city	9,7	2,8	1,4	1,7	1,8	1,6	1,4	1,4	1,2	1,1
Chernihiv	81,6	38,8	20,2	21,6	26,1	37,9	37,5	40,2	39,0	44,4
of which										
Chernihiv city	29,4	9,2	8,0	8,3	13,4	17,0	12,3	13,2	13,0	18,1
Nizhyn	...	...	1,2	1,4	1,5	1,4	1,6	1,4	1,1	1,2
Olyshivka	...	...	1,3	1,7	1,5	1,3	1,6	3,4	4,3	4,5
cities										
Kyiv	54,7	53,3	32,6	31,6	31,6	34,8	33,6	26,4	26,5	27,0
Sevastopol	11,3	6,9	2,6	2,6	3,2	3,5	4,2	4,3	4,6	4,5

24.14. Pollutant emissions and carbon dioxide into the atmosphere from movable sources of pollution in 2008, by region¹

(thsd.t)

	Total pollutant emissions	Including							Besides emission of carbon dioxide, mln.t
		sulfur dioxide	nitrogen peroxide	methane	carbon oxide	nitrogen oxide	soot	nonmethane volatile organic compounds	
Ukraine	2685,4	30,0	311,1	8,6	1991,5	2,4	33,3	308,3	35,1
Autonomous Republic of Crimea	124,1	1,1	12,7	0,4	94,0	0,2	1,1	14,6	1,4
oblasts									
Vinnitsya	87,8	1,1	10,5	0,3	64,8	0,0	1,2	9,9	1,2
Volyn	53,4	0,7	6,7	0,2	39,1	0,0	0,9	5,8	0,7
Dnipropetrovsk	212,5	2,7	25,8	0,7	155,3	0,2	3,1	24,6	3,0
Donetsk	233,8	2,4	27,5	0,7	173,7	0,2	2,5	26,7	2,8
Zhytomyr	61,4	0,6	6,8	0,2	46,1	0,1	0,7	6,9	0,8
Zakarpattia	68,2	0,8	7,3	0,2	51,0	0,1	1,0	7,8	0,9
Zaporizhzhya	113,4	1,1	12,4	0,4	84,9	0,1	1,2	13,3	1,4
Ivano-Frankivsk	56,6	0,7	6,1	0,2	42,4	0,1	0,7	6,4	0,7
Kyiv	182,5	1,9	18,5	0,6	137,7	0,2	1,9	21,7	2,8
Kirovohrad	60,9	0,7	7,1	0,2	45,2	0,0	0,7	7,0	0,8
Luhansk	96,2	0,9	10,3	0,3	72,6	0,1	1,0	11,0	1,2
Lviv	140,4	1,6	16,2	0,4	104,2	0,1	2,1	15,8	1,8
Mykolayiv	63,8	0,8	8,8	0,2	46,0	0,1	0,9	7,0	0,9
Odesa	157,8	2,1	21,8	0,5	112,9	0,2	2,5	17,8	2,2
Poltava	108,8	1,7	16,5	0,3	76,9	0,1	1,8	11,5	1,6
Rivne	45,3	0,6	6,1	0,1	32,8	0,1	0,8	4,8	0,7
Sumy	57,7	0,6	6,3	0,2	43,5	0,1	0,6	6,4	0,7
Ternopil	45,6	0,6	6,0	0,2	33,0	0,0	0,7	5,1	0,6
Kharkiv	137,3	1,5	15,8	0,4	102,6	0,1	1,5	15,4	1,7
Kherson	72,1	0,8	8,8	0,2	53,1	0,0	1,0	8,2	1,0
Khmelnyskiy	67,6	0,8	8,0	0,2	50,0	0,1	0,9	7,6	0,9
Cherkasy	80,8	1,0	9,8	0,2	59,6	0,0	1,0	9,2	1,1
Chernivtsi	39,4	0,5	4,6	0,1	29,2	0,0	0,6	4,4	0,5
Chernihiv	53,7	0,5	5,6	0,2	40,8	0,0	0,5	6,1	0,6
cities									
Kyiv	248,2	2,0	23,6	0,9	187,8	0,2	2,3	31,4	2,9
Sevastopol	16,1	0,2	1,5	0,1	12,3	0,0	0,1	1,9	0,2

¹ Including emission from automobile, railway, aviation and water transport, manufacturing technics

24.15. Pollutant emissions and carbon dioxide into the atmosphere from stationary sources of pollution in 2008, by region

(thsd.t)

	Total pollutant emissions	Including							Besides emission of carbon dioxide, mln.t
		sulfur dioxide	nitrogen peroxide	methane	carbon oxide	nitrogen oxide	soot	nonmethane volatile organic compounds	
Ukraine	4524,9	1290,6	330,9	915,2	1185,2	5,9	8,3	73,7	174,2
Autonomous Republic of Crimea	31,1	8,4	2,6	2,2	10,6	0,7	0,2	1,0	1,2
oblasts									
Vinnitsya	130,3	93,7	7,4	12,6	4,7	0,1	0,5	1,1	5,4
Volyn	10,0	1,1	0,7	4,5	1,4	0,1	0,0	0,5	0,7
Dnipropetrovsk	952,3	210,4	55,6	82,6	438,3	0,8	1,3	3,4	18,3
Donetsk	1533,4	379,1	90,6	411,7	408,0	1,7	1,5	3,2	57,5
Zhytomyr	19,1	0,7	1,8	10,0	2,2	0,2	0,2	0,9	0,8
Zakarpattia	23,2	0,2	2,4	17,3	1,8	0,1	0,2	0,2	0,7
Zaporizhzhya	218,3	67,1	22,5	3,4	94,2	0,1	0,2	2,8	16,0
Ivano-Frankivsk	241,7	180,0	15,7	11,6	3,7	0,4	0,1	2,7	10,5
Kyiv	107,4	47,5	18,4	14,1	4,6	0,2	0,4	2,5	8,4
Kirovohrad	14,2	1,7	2,3	2,0	2,6	0,2	0,3	0,8	0,9
Luhansk	566,3	137,0	29,7	168,5	145,5	0,2	0,3	11,9	11,3
Lviv	126,4	46,7	7,5	44,4	6,3	0,3	0,3	3,5	2,7
Mykolayiv	25,8	0,9	2,9	6,0	1,7	0,1	0,4	0,8	2,5
Odesa	34,4	1,9	3,7	14,6	6,7	0,0	0,0	2,8	3,6
Poltava	93,4	5,3	11,9	35,4	14,7	0,1	0,5	17,1	2,2
Rivne	16,2	1,1	3,2	0,7	4,3	0,0	0,2	0,8	1,0
Sumy	29,7	3,6	4,1	9,2	6,7	0,1	0,5	2,4	1,9
Ternopil	19,2	0,4	2,2	9,9	3,0	0,1	0,1	0,6	1,2
Kharkiv	173,1	80,6	17,8	14,9	8,5	0,1	0,3	3,6	11,2
Kherson	11,9	0,4	0,5	8,1	0,5	0,0	0,0	1,5	0,4
Khmelnyskiy	24,5	1,2	6,1	2,5	4,0	0,1	0,5	0,8	2,8
Cherkasy	43,2	3,8	7,9	10,6	4,1	0,1	0,1	1,4	3,1
Chernivtsi	3,9	0,9	0,3	0,1	0,6	0,0	0,2	0,9	0,2
Chernihiv	44,4	10,3	4,1	17,3	2,8	0,0	0,0	2,7	1,9
cities									
Kyiv	27,0	6,0	8,5	0,6	3,4	0,1	0,0	3,5	7,6
Sevastopol	4,5	0,6	0,5	0,4	0,3	0,0	0,0	0,3	0,2

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24.16. Implementation of air protection measures in 2008

	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	597	2194,4	1267,4	46,8	37,3
including					
improvements to technological processes (including change overs to other types of fuels, raw materials, etc.)	130	656,1	451,1	9,5	6,7
construction and new gas-cleaning installations and facilities put into services	36	165,1	165,7	10,8	6,8
improvements to efficiency of current waste treatment facilities (including their modernization, reconstruction, and repair)	235	1055,8	550,7	10,4	6,8
liquidation of pollution sources	44	6,7	10,8	1,3	1,3
conversion of enterprises (shops, sectors) in order to produce other products	—	—	—	—	—
other measures	152	310,7	89,1	14,8	15,7

WASTES OF 1ST–3RD HAZARD CATEGORY**24.17. Basic indicators for the treatment of wastes of 1st–3rd hazard category**

(thsd.t)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Hazardous wastes generated	2613,2	2543,3	1728,8	2436,8	2420,3	2411,8	2370,9	2585,2	2301,2
Received from other enterprises	56,4	23,4	19,0	143,0	196,8	172,3	156,1	129,9	204,6
of which from other countries	...	...	...	...	...	6,3	2,0	1,3	1,5
Utilize	1280,9	2170,1	1310,8	802,0	689,4	811,3	790,0	995,4	894,8
Neutralized (liquidated)	95,3	121,9	390,4	382,2	150,7	123,5	120,0	75,4	56,3
of which burned off	...	...	...	...	...	71,4	62,1	39,6	32,2
Transferred to other enterprises	646,2	480,7	188,5	2591,7	3306,3	2382,0	1879,6	1329,3	648,4
of which to other countries	...	...	...	...	...	32,3	14,2	20,0	5,9
Shipped to special sites or facilities	760,6	640,0	726,9	931,7	1102,8	948,5	1057,0	990,6	1066,3
Shipped to non-organized storage sites outside the enterprises	13,2	12,2	8,5	8,1	13,4	1,8	1,9	1,4	4,8
Lost (vaporization, drain, fires, etc.)	...	...	...	...	...	106,6	12,7	24,2	0,5
Hazardous wastes stock at special sites or facilities and on the territory of the enterprises, mln.t	26,2	23,0	18,7	31,3	28,3	21,7	20,1	20,1	21,0
per 1 sq.km, t	43,5	38,1	31,0	51,9	47,0	35,9	33,3	33,4	34,8

24.18. Generation of wastes of 1st–3rd hazard category, by hazard category

(thsd.t)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	2613,2	2543,3	1728,8	2436,8	2420,3	2411,8	2370,9	2585,2	2301,2
including									
1 st hazard category	13,9	26,6	8,5	8,9	5,9	12,6	15,0	12,8	10,7
2 nd hazard category	176,0	181,5	332,0	488,0	298,5	320,8	414,0	430,7	367,2

24.19. Stock of wastes of 1st–3rd hazard category at special sites or facilities and on the territory of the enterprises, by hazard category

(thsd.t)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	26244,1	23002,0	18728,5	31304,0	28349,0	21674,0	20121,5	20131,8	21017,2
including									
1 st hazard category	149,1	151,0	43,2	42,4	42,2	38,6	39,0	36,2	34,7
2 nd hazard category	1685,2	1851,7	1810,9	1936,1	2043,8	1846,9	1886,2	2108,7	2164,8

24.20. Generation of wastes of 1st–3rd hazard category, by region*(thsd.t)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	2613,2	2543,3	1728,8	2436,8	2420,3	2411,8	2370,9	2585,2	2301,2
Autonomous Republic of Crimea	67,9	75,3	58,4	80,1	110,7	126,3	180,3	216,6	219,0
oblasts									
Vinnitsya	0,5	0,9	2,5	0,5	0,5	4,1	8,4	5,8	4,1
Volyn	0,3	0,5	1,6	1,1	0,7	1,1	0,9	1,0	1,2
Dnipropetrovsk	980,8	1013,9	298,8	250,2	309,0	296,8	303,7	403,2	306,3
Donetsk	110,7	238,0	259,0	914,1	1025,6	675,5	700,3	807,1	642,5
Zhytomyr	0,2	0,2	0,5	0,3	0,4	6,5	5,1	5,6	4,6
Zakarpattia	6,3	4,5	1,7	1,2	1,9	191,3	21,1	6,2	3,6
Zaporizhzhya	375,9	354,8	336,4	318,3	405,9	430,0	428,9	394,7	380,4
Ivano-Frankivsk	15,4	16,6	14,5	15,0	17,5	20,5	12,4	9,8	7,0
Kyiv	0,6	0,6	1,4	15,7	12,7	9,1	8,8	7,4	9,0
Kirovohrad	0,5	0,4	0,3	0,3	0,3	0,7	2,7	3,1	2,7
Luhansk	150,4	134,1	277,7	423,6	118,5	120,7	62,9	79,2	27,9
Lviv	1,1	2,2	2,5	2,2	1,1	0,8	3,7	2,9	1,4
Mykolayiv	455,2	365,2	298,3	215,5	196,2	197,3	238,1	211,5	203,0
Odesa	12,0	5,1	14,1	32,4	15,2	5,5	6,2	7,2	8,0
Poltava	39,4	22,6	12,1	22,5	34,9	70,8	108,7	145,6	183,3
Rivne	3,7	3,7	3,7	4,0	5,9	7,0	5,2	3,5	1,5
Sumy	101,6	113,1	93,6	91,6	124,5	135,7	133,6	123,8	150,3
Ternopil	0,4	0,4	0,4	0,4	0,3	0,4	0,3	0,3	0,3
Kharkiv	261,2	148,3	27,7	21,8	19,7	66,4	81,1	91,3	83,2
Kherson	1,9	6,5	6,0	7,2	2,5	18,0	27,6	28,6	30,3
Khmelnyskiy	0,2	0,4	0,4	0,3	0,3	1,0	1,2	1,8	1,7
Cherkasy	3,0	3,6	3,9	6,1	6,8	8,2	7,5	5,6	9,1
Chernivtsi	0,1	0,1	0,1	0,1	0,1	0,5	0,2	0,2	0,2
Chernihiv	18,3	7,4	8,6	7,9	5,8	9,0	12,4	9,0	9,0
cities									
Kyiv	4,7	24,5	3,7	3,8	3,0	7,4	8,9	13,5	10,9
Sevastopol	0,9	0,4	0,9	0,6	0,3	1,2	0,7	0,7	0,7

**24.21. Stock of wastes of 1st–3rd hazard category at special sites or facilities
and on the territory of the enterprises, by region**

(thsd.t)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Ukraine	26244,1	23002,0	18728,5	31304,0	28349,0	21674,0	20121,5	20131,8	21017,2
Autonomous Republic of Crimea	636,7	658,8	699,6	765,7	856,6	966,5	1129,5	1326,7	1528,7
oblasts									
Vinnitsya	5,5	6,0	3,7	3,7	0,9	1,2	0,8	0,5	0,3
Volyn	0,4	0,7	1,4	0,8	0,6	0,7	0,7	1,3	1,7
Dnipropetrovsk	9114,9	9018,9	3511,5	1022,9	957,7	951,3	943,4	946,3	932,3
Donetsk	2156,2	2084,2	2202,6	17418,5	14171,6	7270,1	6347,6	6182,8	6515,2
Zhytomyr	0,9	0,8	0,9	1,3	1,0	20,4	24,4	27,6	31,5
Zakarpattia	0,6	0,7	0,9	0,6	0,2	392,3	4,1	0,5	0,5
Zaporizhzhya	6002,5	6135,5	6433,4	6328,7	6684,5	7477,1	7885,5	7844,1	8199,9
Ivano-Frankivsk	640,6	53,2	50,0	51,6	50,3	48,9	51,2	55,0	56,8
Kyiv	11,1	6,4	6,8	11,1	10,4	158,4	158,6	159,8	158,7
Kirovohrad	14,8	14,9	14,8	14,7	14,7	15,2	16,0	15,2	15,3
Luhansk	3440,3	912,1	1571,5	1709,9	1741,0	1744,6	889,4	928,8	921,7
Lviv	445,8	346,1	344,7	344,6	277,0	240,5	238,9	238,8	237,6
Mykolayiv	1933,8	1829,7	1290,1	942,8	829,1	679,8	543,4	455,8	413,8
Odesa	166,8	165,5	889,9	920,2	932,9	1,9	2,5	1,5	1,2
Poltava	23,0	13,8	15,0	18,6	37,8	3,7	9,4	11,5	14,6
Rivne	4,6	6,4	7,5	8,3	9,3	9,9	10,4	12,3	12,5
Sumy	1245,2	1357,2	1425,2	1497,7	1597,7	1661,4	1753,1	1812,0	1850,8
Ternopil	0,3	0,4	0,5	0,5	0,2	0,1	0,1	0,2	0,1
Kharkiv	65,6	62,9	65,7	68,5	5,4	8,8	90,8	95,0	103,4
Kherson	149,5	147,5	10,6	8,9	6,4	6,8	6,9	6,8	10,6
Khmelnyskiy	2,4	2,5	2,6	2,5	2,4	2,0	2,0	2,0	2,3
Cherkasy	7,2	2,9	3,1	1,1	1,0	2,1	2,8	1,0	2,0
Chernivtsi	0,2	0,2	0,2	0,1	0,1	0,1	0,1	0,1	0,1
Chernihiv	3,3	4,5	5,2	5,9	5,1	6,6	6,5	3,1	2,6
cities									
Kyiv	171,4	169,6	170,2	154,3	154,6	3,1	2,9	2,8	2,8
Sevastopol	0,5	0,6	0,9	0,5	0,5	0,5	0,5	0,3	0,2

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USE OF ENVIRONMENT, ECONOMIC INDICATORS

24.22. Capital investment and current costs for environmental protection

	1996	2000	2001	2002	2003	2004	2005	2006	2007	2008
Costs for environmental protection, mln. UAH	2698,5	3224,3	3675,8	3827,3	4508,9	5987,7	7089,2	7366,6	9691,0	12176,0
including capital investment	520,6	605,9	772,1	759,8	1146,9	1835,5	1775,6	2194,2	3080,7	3731,4
of which capital repair of environmental facilities	232,0	233,3	303,5	241,3	282,6	352,3	312,3	354,7	517,0	809,4
current costs	2177,9	2618,4	2903,7	3080,1	3362,0	4152,2	5313,6	5172,4	6610,3	8444,6
Costs index for environmental protection, % of the previous year	...	119,5	114,0	104,1	117,8	132,8	118,4	103,9	131,6	125,6
Share of costs for environmental protection out of the State budget funds, %										
capital investment	7,5	7,9	17,0	11,8	29,1	12,9	8,5	10,3	9,7	19,0
current costs	1,3	1,3	2,0	2,0	2,0	2,1	2,1	1,8	2,2	2,4

24.23. Structure of capital investment for environmental protection, by purpose

(percent)

	1996	2000	2001	2002	2003	2004	2005	2006	2007	2008
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	28,5	22,2	23,5	38,6	30,6	37,7	44,8	39,6
purification of waste waters ¹	50,9	52,3	45,2	46,2	47,4	41,4	41,4	30,5	26,3	24,8
waste treatment	14,8	2,8	6,0	4,3	6,0	6,1	10,5	16,9	12,6	11,3
protection and restoration of soils, surface and subsurface water	11,3	26,6	19,2	25,4	17,9	12,4	16,3	11,6	12,8	21,1
noise and vibration reduction	...	...	...	...	...	...	...	1,8	2,4	1,8
conservancy of biological diversity and habitat	0,3	0,5	0,2	0,3	0,6	0,7	0,6	0,3	0,6	0,9
radiation safety	...	...	...	...	...	...	...	0,2	0,0	0,2
researches on environmental protection	...	...	...	...	...	...	...	0,1	0,1	0,1
other purposes of environmental protection activity	0,5	0,8	0,9	1,6	4,6	0,8	0,6	0,9	0,4	0,2

¹ In 1996–2005 including capital investment on protection and water resources conservation

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24.24. Structure of current costs for environmental protection, by purpose

(percent)

	1996	2000	2001	2002	2003	2004	2005	2006	2007	2008
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	13,3	13,5	13,2	14,6	16,5	14,4	17,3	16,0
purification of waste waters ¹	53,5	65,5	62,7	63,0	62,3	56,6	54,8	50,4	46,8	47,2
waste treatment	21,3	10,6	11,3	13,1	14,2	18,0	17,4	24,9	26,8	27,4
protection and restoration of soils, surface and subsurface water	4,1	8,8	10,1	7,8	7,3	7,5	8,2	3,0	3,4	3,4
noise and vibration reduction	...	...	...	...	...	...	...	0,2	0,0	0,3
conservancy of biological diversity and habitat	0,8	1,1	1,7	1,6	2,1	2,6	2,5	1,5	1,8	2,1
radiation safety	...	...	...	...	...	...	...	3,3	1,1	0,9
researches on environmental protection	...	...	...	...	...	...	...	0,4	0,5	0,6
other purposes of environmental protection activity	0,2	0,6	0,9	1,0	0,9	0,7	0,6	1,9	2,3	2,1

¹ 1996–2005 including current costs on protection and sustainable use of water resources

24.25. Selected capacities for environmental protection put into service

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Sewage treatment facilities, thsd.cub.m per 24 hours (water-borne wastes)	343	131	74	225	33	56	171	37	225	86	414
including											
for industrial effluent	159	20	22	6	10	39	8	7	150	24	4
for municipal sewage	177	111	52	219	22	17	163	30	75	62	410
Reused water supply and waste systems, thsd.cub.m per 24 hours (reused water)	379	8693	20	2	27	4	0,1	24	6	—	2
Absorption gas traps, thsd.cub.m per hour	3710	1090	916	3896	1205	158	2137	670	2740	1910	—
Enterprises and grounds for recycling, neutralization and disposal of toxic industrial, household and other waste, thsd.t	—	7	56	9	45	—	2	375	51	325	—

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24.26. Ecological payments

(mln. UAH)

	1996	2000	2001	2002	2003	2004	2005	2006	2007	2008
Duties presented to enterprises, organizations, establishment for environmental pollution	340,5	228,8	235,0	221,9	265,0	330,6	374,6	863,5	955,7	1065,3
including										
for emissions into the air from stationary sources	264,9	112,8	120,0	107,0	120,6	160,2	189,3	453,5	501,5	563,1
for emissions into the air from mobile sources	2,3	12,5	14,2	13,2	15,8	23,5	23,9	48,4	57,2	64,0
for pollutant emissions directly into waters	30,8	29,9	25,7	25,4	29,2	36,8	38,4	69,8	75,0	69,7
for waste disposal	42,5	73,6	75,1	76,3	99,4	110,1	123,0	291,8	322,0	368,5
Claims for damages caused to nature and fines imposed for infringement of environmental legislation	12,7	5,6	4,1	4,3	7,2	9,3	5,2	7,9	24,6	6,1
Share of the paid ecological duties in the total, percent	18,3	36,2	64,2	68,6	86,0	88,7	97,6	85,4	102,7	97,8

25. INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES¹

25.1. Population

(on average per year; mln.)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Countries of the Commonwealth of Independent States (CIS)										
Azerbaijan	7,7	8,0	8,1	8,2	8,2	8,3	8,4	8,5	8,6	8,7
Belarus	10,2	10,0	10,0	9,9	9,9	9,8	9,8	9,7	9,7	9,7
Armenia	3,3	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	...
Georgia ²	4,7	4,4	4,4	4,4	4,3	4,3	4,4	4,4	4,4	...
Kazakhstan	15,8	14,9	14,9	14,9	14,9	15,0	15,1	15,3	15,5	15,7
Kyrgyzstan	4,6	4,9	4,9	5,0	5,0	5,1	5,1	5,2	5,2	...
Moldova, Republic of ³	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Russian Federation	148,4	146,6	146,0	145,3	144,6	143,8	143,1	142,5	142,1	142,0
Tajikistan	5,8	6,2	6,3	6,4	6,6	6,7	6,9	7,0	...	...
Uzbekistan	22,9	24,8	25,1	25,4	25,7	26,0	26,3	26,6	26,9	27,2
Ukraine	51,1	48,9	48,4	48,0	47,6	47,3	46,9	46,6	46,3	46,1
Other Countries of the World										
Austria	7,9	8,0	8,0	8,1	8,1	8,2	8,2	8,3	8,3	8,3
Albania	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1
Belgium	10,1	10,2	10,3	10,3	10,4	10,4	10,5	10,5	10,6	10,6
Bulgaria	8,3	8,0	7,9	7,8	7,8	7,8	7,7	7,7	7,7	7,7
Bosnia and Herzegovina	...	4,2	4,3	4,3	4,3	4,3	4,3	4,3	4,3	...
Greece	10,6	10,9	11,0	11,0	11,0	11,1	11,1	11,1	11,2	11,2
Denmark	5,2	5,3	5,4	5,4	5,4	5,4	5,4	5,4	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
Israel	5,5	6,3	6,4	6,6	6,7	6,8	6,9	7,1	7,2	7,3
Ireland	3,6	3,8	3,9	3,9	4,0	4,1	4,1	4,3	4,4	4,4
Iceland	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

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.1 is continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Italy	56,8	56,9	57,0	57,2	57,6	58,2	58,6	58,9	59,4	59,9
Canada	29,3	30,7	31,0	31,3	31,6	32,0	32,3	32,2	32,9	...
Cyprus	0,7	0,7	0,7	0,7	0,7	0,7	0,8	0,8	0,8	0,8
Latvia	2,5	2,4	2,4	2,3	2,3	2,3	2,3	2,3	2,3	2,3
Lithuania	3,6	3,5	3,5	3,5	3,5	3,4	3,4	3,4	3,4	3,4
Luxemburg	0,4	0,4	0,4	0,4	0,5	0,5	0,5	0,5	0,5	0,5
Malta	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Netherlands	15,5	16,0	16,0	16,1	16,2	16,3	16,3	16,3	16,4	16,4
Germany	81,7	82,2	82,3	82,5	82,5	82,5	82,5	82,4	82,3	82,1
Norway	4,4	4,5	4,5	4,5	4,6	4,6	4,6	4,7	4,7	4,8
Poland	38,3	38,3	38,3	38,2	38,2	38,2	38,2	38,1	38,1	38,1
Portugal	10,0	10,2	10,3	10,4	10,4	10,5	10,6	10,6	10,6	10,6
Romania	22,7	22,1	22,0	21,9	21,8	21,7	21,6	21,5	21,5	21,4
Serbia	...	7,7	7,7	7,5	7,5	7,5	7,4	7,4	7,4	...
Slovakia	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
United Kingdom	58,0	58,9	59,1	59,3	59,6	59,8	60,2	60,6	60,8	61,1
USA	266,6	282,4	285,3	288,1	290,7	293,3	296,0	298,8	301,7	304,5
Turkey	61,6	67,5	68,6	69,6	70,7	71,8	72,1	73,0	73,4	74,4
Hungary	10,2	10,1	10,2	10,2	10,1	10,1	10,1	10,1	10,1	10,0
Finland	5,1	5,2	5,2	5,2	5,2	5,2	5,2	5,3	5,3	5,3
France	59,4	60,8	61,2	61,6	62,0	62,4	62,8	63,2	63,6	63,9
Croatia	4,7	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	10,3
Switzerland	7,0	7,2	7,2	7,3	7,3	7,4	7,4	7,5	7,5	7,6
Sweden	8,8	8,9	8,9	8,9	9,0	9,0	9,0	9,1	9,1	9,2

¹ Based on data from the United Nations Economic Commission for Europe 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

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

25.2. Crude birth rate

(total number of births per 1000 population)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
CIS countries										
Azerbaijan	25,9	18,9	14,8	13,8	13,8	14,0	16,1	17,2	17,8	18,0
Belarus	14,0	9,9	9,4	9,2	8,9	9,0	9,1	9,2	9,9	10,7
Armenia	22,5	13,0	10,6	10,0	10,1	11,2	11,7	11,7	11,7	12,4
Georgia	17,1	11,9 ¹	11,0 ¹	10,8 ¹	10,7 ¹	10,7 ¹	11,5 ¹	10,7 ¹	10,9 ¹	11,2 ¹
Kazakhstan	22,3	17,5	14,9	14,9	15,3	16,6	18,2	18,4	19,7	20,8
Kyrgyzstan	29,1	25,6	19,7	19,8	20,2	20,9	21,6	21,4	23,3	23,5
Moldova, Republic of	17,7	13,0 ²	10,2 ²	10,0 ²	9,9 ²	10,1 ²	10,6 ²	10,5 ²	10,5 ²	10,6 ²
Russian Federation	13,4	9,3	8,7	9,0	9,7	10,2	10,4	10,2	10,4	11,3
Tajikistan	38,8	33,6	27,0	27,2	27,3	27,1	26,8	26,4	26,7	28,0
Uzbekistan	33,7	29,3	21,3	20,4	21,0	19,8	20,8	20,3	20,9	22,4
Ukraine	12,6	9,6	7,8	7,7	8,1	8,5	9,0	9,0	9,8	10,2
Other countries of the World										
Australia	15,4	14,2	13,0	12,7	12,7	12,6	12,7	12,9	12,9	...
Austria	11,6	11,0	9,8	9,4	9,7	9,5	9,7	9,5	9,4	9,2
Belgium	12,6	11,4	11,2	11,1	10,8	10,8	11,1	11,3	11,5	11,4
Bulgaria	12,1	8,6	9,0	8,5	8,5	8,6	9,0	9,2	9,6	9,8
Greece	10,2	9,7	9,5	9,3	9,4	9,5	9,6	9,7	10,0	9,8
Denmark	12,3	13,3	12,6	12,2	11,9	12,0	12,0	11,9	12,0	11,7
Estonia	14,2	9,1	9,5	9,3	9,6	9,6	10,4	10,7	11,1	11,8
Israel	22,2	21,1	21,7	21,2	21,2	21,7	21,3	20,8	...	...
India	30,2	28,3	26,4	23,8	25,0	24,8	24,1	...	...	...
Ireland	15,1	13,5	14,4	15,0	15,4	15,4	15,2	14,7	15,1	16,2
Spain	10,2	9,1	9,9	10,0	10,1	10,5	10,6	10,7	10,9	10,9

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.2 is continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Italy	9,8	9,2	9,5	9,4	9,4	9,4	9,7	9,5	9,5	9,5
Canada	15,2	12,8	10,7	10,8	10,5	10,5	10,4	10,5	...	...
China	21,1	17,1	14,0	13,4	12,9	12,4	12,3	...	...	...
Latvia	14,2	8,7	8,5	8,3	8,6	9,0	8,8	9,3	9,7	10,2
Lithuania	15,4	11,4	9,8	9,1	8,7	8,9	8,9	8,9	9,2	9,6
Luxemburg	13,0	13,2	13,1	12,4	12,0	11,7	11,9	11,7	11,7	11,4
Netherlands	13,3	12,3	13,0	12,6	12,5	12,3	11,9	11,5	11,3	11,0
Germany	11,4	9,4	9,3	8,9	8,7	8,6	8,6	8,3	8,2	8,3
New Zealand	17,9	15,8	14,7	14,4	13,7	14,0	14,3	...	...	...
Poland	14,4	11,2	9,8	9,6	9,3	9,2	9,3	9,5	9,8	10,2
Portugal	11,8	10,8	11,7	11,0	11,0	10,8	10,4	10,4	10,0	9,7
Romania	13,6	10,4	10,7	10,1	9,7	9,8	10,0	10,2	10,2	10,0
Slovakia	15,1	11,5	10,2	9,5	9,5	9,6	10,0	10,1	10,0	10,1
United Kingdom	13,9	12,5	11,5	11,3	11,3	11,7	12,0	12,0	12,4	12,6
USA	16,7	14,8	14,4	14,1	14,0	14,1	14,0	...	...	...
Turkey	27,7	22,6	20,2	19,9	19,7	21,1	19,1	18,9	18,7	19,4
Hungary	12,1	11,0	9,6	9,5	9,5	9,3	9,4	9,7	9,9	9,7
Finland	13,1	12,3	11,0	10,8	10,7	10,9	11,0	11,0	11,2	11,1
France	13,5	12,5	13,3	13,1	12,9	12,8	12,8	12,9	13,1	12,8
Czech Republic	12,6	9,3	8,8	8,9	9,1	9,2	9,6	10,0	10,3	11,1
Switzerland	12,5	11,7	10,9	10,0	9,9	9,8	9,9	9,8	9,8	9,9
Sweden	14,5	11,7	10,2	10,3	10,7	11,1	11,2	10,2	11,7	11,7
Japan	9,9	9,5	9,4	9,2	9,1	8,9	8,8	8,7	...	...

¹ See the second footnote to Table 25.1² See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

25.3. Crude death rate*(total number of deaths per 1000 population)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
CIS countries										
Azerbaijan	6,1	6,7	5,9	5,7	5,8	6,0	6,1	6,3	6,2	6,3
Belarus	10,8	13,1	13,5	14,1	14,8	14,5	14,3	14,5	14,2	13,7
Armenia	6,2	6,6	7,5	7,5	8,0	8,1	8,0	8,2	8,5	8,3
Georgia	8,4	7,8 ¹	10,7 ¹	10,5 ¹	10,7 ¹	10,6 ¹	11,3 ¹	9,9 ¹	9,6 ¹	9,4 ¹
Kazakhstan	7,9	10,7	10,1	10,0	10,1	10,4	10,1	10,4	10,3	10,2
Kyrgyzstan	6,9	8,0	6,9	6,6	7,1	7,1	6,9	7,2	7,4	7,3
Moldova, Republic of	9,7	12,2 ²	11,3 ²	11,0 ²	11,6 ²	11,9 ²	11,6 ²	12,4 ²	12,0 ²	12,0 ²
Russian Federation	11,2	15,0	15,3	15,6	16,2	16,4	16,0	16,1	15,2	14,6
Tajikistan	6,2	6,1	4,7	5,1	4,8	5,1	4,4	4,6	4,6	4,7
Uzbekistan	6,1	6,4	5,5	5,3	5,4	5,3	5,0	5,4	5,3	5,2
Ukraine	12,1	15,4	15,4	15,3	15,7	16,0	16,0	16,6	16,2	16,4
Other countries of the World										
Australia	7,0	6,9	6,7	6,6	6,8	6,6	6,6	6,4	6,5	...
Austria	10,6	10,1	9,6	9,3	9,4	9,5	9,1	9,1	9,0	9,0
Belgium	10,6	10,2	10,2	10,1	10,2	10,3	9,8	9,9	9,6	9,5
Bulgaria	12,5	13,6	14,1	14,0	14,3	14,3	14,2	14,6	14,7	14,8
Greece	9,3	9,6	9,6	9,4	9,5	9,6	9,5	9,5	9,5	9,6
Denmark	11,9	12,1	10,9	10,9	10,9	10,7	10,3	10,1	10,2	10,2
Estonia	12,4	14,1	13,4	13,6	13,5	13,4	13,1	12,9	12,9	13,0
Israel	6,2	6,4	6,0	5,8	5,8	5,7	5,5	5,6	...	...
India	9,7	9,0	9,0	8,4	8,1	8,0	7,5	...	...	...
Ireland	9,1	9,0	8,2	7,8	7,5	7,2	6,9	6,6	6,4	6,3
Spain	8,5	8,8	9,0	8,8	8,9	9,2	8,7	8,9	8,4	8,5

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.3 is continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Italy	9,4	9,7	9,8	9,7	9,7	10,2	9,4	10,0	9,5	9,6
Canada	7,2	7,1	7,5	7,4	7,5	7,4	7,3	7,3	...	...
China	6,7	6,6	7,6	7,0	6,4	6,0	6,4	...	...	...
Latvia	13,1	15,7	13,6	14,0	13,9	13,9	13,8	14,2	14,5	14,5
Lithuania	10,8	12,5	11,1	11,6	11,8	11,9	12,0	12,8	13,2	13,5
Luxemburg	10,1	9,3	8,6	8,4	8,4	9,0	7,8	7,9	8,0	8,1
Netherlands	8,6	8,8	8,8	8,7	8,8	8,7	8,4	8,4	8,3	8,1
Germany	11,5	10,8	10,2	10,1	10,2	10,3	9,9	10,1	10,0	10,0
New Zealand	7,9	7,6	6,9	7,2	7,1	7,0	7,0	...	...	...
Poland	10,3	10,0	9,6	9,5	9,4	9,6	9,5	9,6	9,7	9,9
Portugal	10,4	10,5	10,3	10,2	10,2	10,4	9,7	10,2	9,6	9,8
Romania	10,6	12,0	11,4	11,7	12,4	12,3	11,9	12,1	12,0	11,7
Slovakia	10,3	9,8	9,8	9,7	9,6	9,7	9,6	9,9	9,9	10,0
United Kingdom	11,2	10,9	10,3	10,2	10,2	10,3	9,7	9,7	9,4	9,4
USA	8,6	8,8	8,5	8,5	8,5	8,4	8,2	...	...	...
Turkey	7,8	6,6	6,2	6,2	6,2	6,2	6,2	6,2	6,2	6,6
Hungary	14,0	14,2	13,3	13,0	13,1	13,4	13,1	13,5	13,1	13,2
Finland	10,0	9,6	9,5	9,4	9,5	9,4	9,1	9,1	9,1	9,3
France	9,3	9,1	8,9	8,8	8,9	9,1	8,3	8,6	8,3	8,3
Czech Republic	12,5	11,4	10,6	10,5	10,6	10,9	10,5	10,5	10,2	10,1
Switzerland	9,5	9,0	8,7	8,5	8,5	8,6	8,1	8,2	8,1	8,1
Sweden	11,1	11,0	10,5	10,5	10,6	10,4	10,1	10,2	10,0	10,0
Japan	6,7	7,4	7,6	7,6	7,7	8,0	8,1	8,1	...	...

¹ See the second footnote to Table 25.1² See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

25.4. Population crude rate*(per 1000 population)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
CIS countries										
Azerbaijan	19,8	12,2	8,9	8,1	8,0	8,0	10,0	10,9	11,6	11,7
Belarus	3,2	-3,2	-4,1	-4,9	-5,9	-5,5	-5,2	-5,3	-4,3	-3,0
Armenia	16,3	6,4	3,1	2,5	2,1	3,1	3,7	3,5	3,2	4,1
Georgia	7,8	1,5 ¹	0,3 ¹	0,3 ¹	0,0 ¹	0,1 ¹	0,2 ¹	0,8 ¹	1,3 ¹	1,8 ¹
Kazakhstan	14,4	6,8	4,8	4,9	5,2	6,2	8,1	8,0	9,4	10,6
Kyrgyzstan	22,2	17,6	12,8	13,2	13,1	13,8	14,7	14,2	15,9	16,2
Moldova, Republic of	8,0	0,8 ²	-1,1 ²	-1,0 ²	-1,7 ²	-1,8 ²	-1,0 ²	-1,9 ²	-1,5 ²	-1,4 ²
Russian Federation	2,2	-5,7	-6,6	-6,6	-6,5	-6,2	-5,6	-5,9	-4,8	-3,3
Tajikistan	32,6	27,5	22,3	22,1	22,5	22,0	22,4	21,8	22,1	23,3
Uzbekistan	27,6	23,4	15,8	15,1	15,6	14,5	15,8	14,9	15,6	17,2
Ukraine	0,5	-5,8	-7,6	-7,6	-7,6	-7,5	-7,0	-7,6	-6,4	-6,2
Other countries of the World										
Australia	8,4	7,3	6,3	6,1	5,9	5,9	6,1	6,5	6,4	...
Austria	1,0	0,9	0,2	0,1	0,3	0,0	0,6	0,4	0,4	0,2
Belgium	2,0	1,2	1,0	1,0	0,5	0,5	1,3	1,4	1,9	1,9
Bulgaria	-0,4	-5,0	-5,1	-5,5	-5,9	-5,7	-5,2	-5,5	-5,1	-4,9
Greece	0,9	0,1	-0,2	-0,0	-0,0	-0,1	0,1	0,2	0,6	0,2
Denmark	0,4	1,2	1,7	1,3	1,0	1,3	1,6	1,7	1,7	1,6
Estonia	1,8	-5,0	-3,9	-4,3	-3,9	-3,8	-2,7	-2,2	-1,8	-1,2
Israel	16,0	14,7	15,7	15,4	15,4	16,0	15,8	15,2	...	...
India	20,5	19,3	17,4	15,4	16,9	16,8	16,6	...	...	...
Ireland	6,0	4,5	6,2	7,2	7,9	8,2	8,3	8,1	8,6	9,8
Spain	1,7	0,3	0,9	1,2	1,2	1,3	1,9	1,8	2,5	2,4

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.4 is continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Italy	0,4	-0,5	-0,3	-0,3	-0,3	-0,8	0,3	-0,5	0,0	-0,1
Canada	8,0	5,7	3,2	3,4	3,0	3,1	3,1	3,2	...	...
China	14,4	10,5	6,4	6,4	6,5	6,4	5,9	...	...	...
Latvia	1,1	-7,0	-5,1	-5,7	-5,3	-4,9	-5,0	-4,9	-4,7	-4,3
Lithuania	4,6	-1,1	-1,3	-2,5	-3,1	-3,0	-3,1	-3,9	-4,0	-3,9
Luxemburg	2,9	3,9	4,5	4,0	3,6	2,8	4,1	3,8	3,7	3,4
Netherlands	4,7	3,5	4,2	3,9	3,7	3,6	3,5	3,1	3,0	2,9
Germany	-0,1	-1,4	-0,9	-1,1	-1,5	-1,8	-1,4	-1,8	-1,8	-1,7
New Zealand	10,0	8,2	7,8	7,2	6,6	7,0	7,3	...	...	...
Poland	4,1	1,2	0,3	0,1	-0,1	-0,4	-0,2	-0,1	0,1	0,3
Portugal	1,4	0,3	1,4	0,8	0,8	0,4	0,7	0,2	0,3	-0,1
Romania	3,0	-1,6	-1,0	-1,8	-2,7	-2,5	-1,9	-1,9	-1,8	-1,7
Slovakia	4,8	1,7	0,4	-0,2	-0,1	-0,1	0,4	0,2	0,1	0,1
United Kingdom	2,7	1,6	1,2	1,1	1,1	1,4	2,2	2,3	2,9	3,2
USA	8,1	6,0	5,9	5,6	5,5	5,7	5,8	...	...	...
Turkey	19,9	16,0	14,0	13,7	13,5	13,2	12,9	12,7	12,5	12,8
Hungary	-1,9	-3,2	-3,7	-3,4	-3,5	-4,1	-3,7	-3,8	-3,2	-3,5
Finland	3,1	2,7	1,5	1,4	1,2	1,5	1,9	1,9	2,0	1,8
France	4,2	3,4	4,4	4,3	4,0	3,7	4,5	4,3	4,8	4,6
Czech Republic	0,1	-2,1	-1,8	-1,6	-1,5	-1,7	-0,9	-0,5	0,1	1,0
Switzerland	3,0	2,7	2,2	1,5	1,4	1,2	1,8	1,6	1,7	1,8
Sweden	3,4	0,7	-0,3	-0,2	0,1	0,7	1,1	1,0	1,7	1,7
Japan	3,2	2,1	1,8	1,6	1,4	0,9	0,7	0,6	...	...

¹ See the second footnote to Table 25.1² See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

25.5. Life expectancy at birth by sex*(years)*

	2000		2001		2002		2003		2004		2005		2006	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
CIS countries														
Azerbaijan	68,6	75,1	68,6	75,2	69,4	75,0	69,5	75,1	69,6	75,2	69,6	75,1	70,1	75,4
Belarus	63,4	74,8	62,8	74,6	62,3	74,1	62,7	74,7	63,2	75,0	62,9	75,1	...	...
Armenia	70,4	75,8	70,0	76,3	69,7	75,6	70,0	75,9	70,3	76,4	70,3	76,5	69,7	76,4
Georgia ¹	67,5	75,0	68,0	74,8	68,0	74,8	69,1	74,7	67,8	74,9	69,3	76,7	69,7	78,4
Kazakhstan	60,2	71,6	60,6	71,4	60,9	71,6	60,6	71,5	60,7	72,0	60,4	71,7	60,7	72,0
Kyrgyzstan	63,8	72,0	64,5	73,0	64,1	72,1	64,1	71,9	63,5	71,8	63,8	71,8	...	...
Moldova, Republic of ²	64,0	71,4	64,5	71,9	64,4	71,8	64,4	71,7	64,6	72,5	63,8	71,7	64,6	72,4
Russian Federation	59,2	72,4	59,1	72,3	58,9	72,0	58,7	71,9	59,1	72,4	59,0	72,4	...	...
Tajikistan	69,8	73,9	70,4	74,2	70,3	74,0	70,8	74,8	71,1	75,5	71,2	76,2	...	...
Turkmenistan	64,9	71,8	65,4	72,0	65,2	71,9	65,8	72,4	66,1	72,2	...	...	...	...
Uzbekistan	67,0	72,2	67,6	72,6	67,6	72,5	68,0	72,8	68,8	73,6	68,2	73,0	...	...
Ukraine³	62,8	74,1	62,7	74,1	62,6	74,1	62,6	74,1	62,2	74,0	62,4	74,1	62,5	74,2
Other countries of the World														
Austria	75,2	81,2	75,7	81,7	75,8	81,7	75,9	81,5	76,4	82,1	76,7	82,3	77,2	82,8
Albania	72,0	78,0	74,1	80,4	73,8	79,2	73,3	78,4	73,7	78,9	...	...	...	...
Belgium	74,6	81,0	75,0	81,2	75,1	81,2	75,3	81,1	76,0	81,8	76,2	81,8	...	...
Bulgaria	68,4	75,0	68,6	75,4	68,8	75,5	68,9	75,9	69,1	76,2	69,0	76,2	69,2	76,3
Greece	75,5	80,6	76,0	81,0	76,2	81,1	76,4	81,2	76,6	81,3	76,8	81,6	77,2	81,9
Denmark	74,5	79,2	...	...	74,8	79,4	...	...	75,4	80,2	76,0	80,5	76,1	80,7
Estonia	65,4	76,2	64,9	76,4	65,3	77,0	66,1	77,1	66,4	77,8	67,3	78,2	67,4	78,6
Israel	76,7	80,9	77,3	81,2	77,5	81,5	77,6	81,8	...	...	...	...	...	...
Ireland	74,0	79,3	74,6	79,9	75,1	80,5	75,8	80,8	76,5	81,4	77,3	81,8	...	...
Iceland	77,8	81,6	78,3	83,2	78,6	82,5	79,5	82,5	78,9	83,2	79,6	83,5	...	...
Spain	75,8	82,9	76,2	83,2	76,3	83,2	76,3	83,0	76,9	83,7	77,0	83,7	...	...
Italy	77,0	82,9	77,2	83,2	77,4	83,2	77,1	82,8	77,9	83,8	...	...	...	...
Canada	76,4	81,7	76,5	81,8	76,6	81,9	76,9	82,0	77,0	82,1	...	...	...	...
Cyprus	75,6	80,2	77,0	81,7	75,5	79,1	77,2	81,5	77,0	82,2	76,8	81,1	78,8	82,4
Latvia	...	...	...	...	64,7	76,0	65,6	75,8	...	...	65,4	76,5	65,4	76,4

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.5 is continued

	2000		2001		2002		2003		2004		2005		2006	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Lithuania	66,8	77,5	65,9	77,6	66,2	77,5	66,4	77,8	66,3	77,7	65,3	77,3	65,3	77,0
Luxemburg	75,0	81,9	75,5	81,1	75,2	81,7	74,9	81,2	76,2	82,7	77,0	82,2	...	...
Macedonia, the former Yugoslav Republic of	70,8	75,2	70,9	76,1	70,6	75,6	70,9	75,7	71,5	75,8	71,6	75,9	71,7	76,2
Malta	76,2	80,3	76,6	81,2	76,3	81,3	76,4	80,8	77,4	81,2	77,3	81,4	77,0	81,9
Netherlands	...	...	75,8	80,8	...	...	76,2	81,0	76,9	81,5	77,2	81,7	77,7	82,0
Germany	75,1	81,2	75,6	81,4	75,7	81,3	75,8	81,3	76,5	81,9	76,7	82,0	77,2	82,4
Norway	76,0	81,5	76,2	81,6	76,4	81,6	77,1	82,1	77,6	82,6	77,8	82,8	78,2	82,9
Poland	69,6	78,0	70,0	78,4	70,3	78,8	70,5	78,8	70,6	79,2	70,8	79,3	70,9	79,6
Portugal	73,2	80,2	73,5	80,5	73,8	80,6	74,2	80,6	75,0	81,5	74,9	81,3	75,5	82,3
Romania	...	...	67,4	74,8	67,4	74,7	67,7	75,0	...	...	68,7	75,7	69,2	76,2
Serbia	69,7	74,8	69,6	74,8	69,7	75,0	69,9	75,1	69,9	75,4	70,0	75,4	70,8	76,2
Slovakia	69,2	77,5	69,5	77,7	69,8	77,7	69,8	77,7	70,3	78,0	70,2	78,1	70,4	78,4
Slovenia	72,2	79,9	72,3	80,4	72,6	80,5	72,5	80,2	73,5	80,8	73,9	80,9	74,4	82,0
United Kingdom	75,5	80,3	75,8	80,5	76,0	80,6	76,2	80,5	76,8	81,0	77,1	81,1	...	...
USA	73,9	79,6	74,1	79,8	74,3	79,9	74,4	80,1	74,5	80,2	...	...	...	...
Turkey	68,1	72,8	68,2	73,0	68,4	73,2	68,6	73,4	68,8	73,6	68,9	73,8	69,1	74,0
Hungary	67,6	76,2	68,2	76,6	68,3	76,7	68,4	76,7	68,7	77,2	68,7	77,2	69,2	77,8
Finland	74,2	81,2	74,6	81,7	74,9	81,6	75,2	81,9	75,4	82,5	75,6	82,5	75,9	83,1
France	75,4	83,0	75,5	83,0	75,8	83,0	75,8	82,8	76,8	83,8	76,8	83,8	...	...
Croatia	69,1	76,7	71,0	78,2	71,2	78,4	71,2	78,2	72,1	79,1	71,9	78,9	72,6	79,4
Czech Republic	71,7	78,5	72,1	78,6	72,1	78,7	72,0	78,6	72,6	79,2	72,9	79,2	73,5	79,9
Switzerland	77,0	82,8	77,5	83,2	77,9	83,2	78,0	83,2	78,6	83,8	78,7	84,0	79,2	84,2
Sweden	77,4	82,0	77,6	82,2	77,8	82,2	78,0	82,5	78,4	82,8	78,5	82,9	78,8	83,1

¹ See the second footnote to Table 25.1² See the third footnote to Table 25.1³ SSCU data are given for two consecutive years, i.e. 2000 – 2000/2001; 2001–2001/2002; 2002 – 2002/2003; 2003 – 2003/2004; 2004 – 2004/2005; 2005 – 2005/2006; 2006 – 2006/2007

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
CIS countries										
Azerbaijan ¹	1,1	1,2	1,3	1,3	1,4	1,4	1,4	1,3	1,2	1,0
Belarus ¹	2,9	2,1	2,3	3,0	3,1	1,9	1,5	1,2	1,0	0,8
Armenia ¹	8,1	10,9	9,8	10,5	10,2	9,4	7,6	7,2	6,6	6,3
Georgia	...	10,3	11,1	12,6	11,5	12,6	13,8	13,6	13,3	...
Kazakhstan	...	12,8	10,4	9,3	8,8	8,4	8,1	7,8	7,3	6,6
Kyrgyzstan	...	...	...	12,5	9,9	8,5	8,1	8,3	8,2	...
Moldova, Republic of	...	8,5	7,3	6,8	7,9	8,1	7,3	7,4	5,1	...
Russian Federation	9,5	10,6	9,0	7,9	8,2	7,9	7,2	7,2	6,1	7,7
Tajikistan ¹	1,8	2,7	2,3	2,6	2,3	2,0	2,1	2,3	2,5	2,1
Uzbekistan ¹	0,3	0,4	0,4	0,4	0,3	0,4	0,3	0,3	0,2	
Ukraine	5,6	11,6	10,9	9,6	9,1	8,6	7,2	6,8	6,4	6,4
Other countries of the World										
Austria	3,9	3,6	3,6	4,2	4,3	4,9	5,2	4,8	4,4	3,8
Belgium	9,7	6,9	6,6	7,5	8,2	8,4	8,5	8,3	7,5	7,1
Bulgaria	16,5	16,4	19,5	18,2	13,7	12,1	10,1	9,0	6,9	5,6
Greece	9,2	11,2	10,7	10,3	9,7	10,5	9,9	8,9	8,3	...
Denmark	6,7	4,3	4,5	4,6	5,4	5,5	4,8	3,9	3,8	3,5
Estonia	...	12,8	12,4	10,3	10,0	9,7	7,9	5,9	4,7	6,0
Israel	6,9	8,8	9,4	10,3	10,7	10,4	9,0	8,4	7,3	...
Ireland	12,3	4,3	4,0	4,5	4,7	4,5	4,4	4,5	4,6	6,3
Spain	18,4	11,1	10,3	11,1	11,1	10,6	9,2	8,5	8,3	11,3
Italy	11,2	10,1	9,1	8,6	8,5	8,1	7,7	6,8	6,1	...
Canada	9,5	6,8	7,2	7,7	7,6	7,2	6,8	6,3	6,0	6,1

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.6 is continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Cyprus	3,7	4,9	3,8	3,6	4,1	4,7	5,3	4,6	4,0	3,8
Latvia	...	13,7	12,9	12,2	10,5	10,4	8,9	6,8	6,0	7,3
Lithuania	...	16,4	16,5	13,5	12,5	11,4	8,3	5,6	4,3	5,7
Luxemburg	2,9	2,2	1,9	2,6	3,8	5,0	4,6	4,6	4,1	4,4
Malta	5,6	6,7	7,6	7,5	7,6	7,4	7,2	7,1	6,4	5,8
Netherlands	6,6	2,8	2,2	2,8	3,7	4,6	4,7	3,9	3,2	2,8
Germany	8,0	7,5	7,6	8,4	9,3	9,8	10,6	9,9	8,4	7,3
Norway	4,9	3,4	3,6	3,9	4,5	4,4	4,6	3,5	2,6	...
Poland	15,4	16,1	18,3	20,0	19,7	19,0	17,8	13,9	9,6	7,1
Portugal	7,2	4,0	4,1	5,1	6,4	6,7	7,7	7,8	8,1	7,7
Romania	...	7,3	6,8	8,6	7,0	8,1	7,2	7,3	6,4	...
Slovakia	13,1	18,8	19,3	18,7	17,6	18,2	16,3	13,4	11,1	9,6
Slovenia	...	6,7	6,2	6,3	6,7	6,3	6,5	6,0	4,9	4,5
United Kingdom	8,5	5,4	5,0	5,1	5,0	4,7	4,8	5,4	5,3	...
USA	5,6	4,0	4,8	5,8	6,0	5,5	5,1	4,6	4,6	5,8
Turkey	7,6	5,2	6,8	8,9	9,3	9,0	8,8	8,4	8,5	...
Hungary	5,6	6,4	5,7	5,8	5,9	6,1	7,2	7,5	7,4	7,9
Finland	15,4	9,8	9,1	9,1	9,0	8,8	8,4	7,7	6,9	6,4
France	11,0	9,0	8,3	8,6	9,0	9,3	9,2	9,2	8,3	7,7
Czech Republic	4,1	8,7	8,0	7,3	7,8	8,3	7,9	7,2	5,3	4,4
Switzerland	3,5	2,6	2,6	3,2	4,3	4,4	4,4	4,0	3,6	3,5
Sweden	8,8	5,6	4,9	4,9	5,6	6,3	7,4	7,0	6,1	6,2

¹ Registered unemployment rate as of the end of year

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

25.7. GDP¹*(at internationally comparable prices;
USD mln. at prices and purchasing power parities of 2005)*

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
CIS countries										
Azerbaijan	...	14511	20398	24787	27552	30349	38376	51597	64523	71508
Belarus	65725	42816	58188	63989	68465	76289	83492	91839	99717	109672
Armenia	10238	5411	6946	8756	9985	11030	12559	14217	16185	17288
Georgia	29460	8322	11056	12222	13573	14368	15747	17224	19350	19749
Kazakhstan	115863	71125	80450	100255	109608	120115	131765	145872	158840	163557
Kyrgyzstan	11086	5618	7380	7771	8318	8902	8887	9162	9945	10698
Moldova, Republic of	17335	6835	6030	6900	7357	7899	8492	8898	9165	9824
Russian Federation	1877075	1165400	1261634	1388761	1489489	1596008	1697954	1828286	1975662	2086625
Tajikistan	16937	6541	6098	7405	8227	9072	9682	10323	11123	...
Ukraine	419457	200283	181190	208309	228296	256030	263007	281607	306735	316442
Other countries of the World										
Austria	197804	219097	253823	259346	261424	268076	275782	285087	293826	299066
Belgium	250601	271206	309923	317096	320239	329737	335829	345861	355394	359561
Bulgaria	65669	57564	55224	60046	63053	67240	71440	75956	80641	...
Greece	178749	190175	225313	242843	256398	269003	276800	289248	300923	309747
Denmark	130797	146820	169013	170998	171654	175596	179889	185905	188966	...
Estonia	15882	11550	15137	17572	18822	20240	22094	24386	25931	24988
Israel	...	113659	144256	142762	145311	152616	160450	168765	177826	184852
Ireland	61287	76867	122477	137902	144128	150907	160525	169689	179915	...
Iceland	6533	6619	8401	8743	8953	9639	10358	10817	11233	...
Spain	767773	827385	1011768	1077036	1110385	1146659	1188103	1234307	1279517	1294343
Italy	1348497	1436426	1578256	1614248	1613975	1638698	1649446	1683029	1709348	1691578

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.7 is continued

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008
Canada	751360	818269	1001896	1049591	1069334	1102697	1134402	1169684	1201422	1206918
Latvia	28875	15363	20240	23284	24959	27124	30000	33670	37029	35332
Lithuania	44830	26468	33310	37994	41887	44966	48474	52277	56942	58698
Luxemburg	16289	19773	26625	28415	28855	30167	31732	33776	35533	...
Malta	...	...	8009	8086	8061	8162	8467	8736	9053	9193
Netherlands	392863	440030	536546	547295	549132	561414	572903	592245	612741	625070
Germany	2039930	2273984	2511580	2542724	2537198	2567839	2587681	2664284	2729836	2765250
Norway	136226	163578	195997	202900	204957	212877	218708	223696	230707	235352
Poland	311827	347246	451961	464012	481956	507715	526080	558841	595977	624365
Portugal	156952	170789	208627	214450	212723	215947	217912	220893	225170	225158
Romania	180239	162613	153310	170724	179703	194960	203058	219048	232732	249198
Slovakia	...	58028	68556	74257	77772	81782	87135	94538	104392	111064
Slovenia	...	31686	39218	41938	43127	44976	46932	49702	53064	...
United Kingdom	1359073	1474191	1745430	1825894	1877348	1929121	1968815	2024687	2086429	2100421
USA	8039562	9078573	11096573	11358587	11643659	12067312	12421900	12766994	13025955	13192568
Turkey	436222	510907	625312	626032	658994	720695	781245	835100	872282	...
Hungary	128622	114104	138901	150579	156947	164539	171061	178098	180009	180868
Finland	116606	112242	142006	148142	150824	156399	160729	168642	175729	177344
France	1416069	1499632	1721756	1771568	1790688	1834722	1869381	1909853	1951160	1966487
Croatia	54587	39562	46781	51585	54339	56655	59088	61902	65338	...
Czech Republic	169126	161152	173471	181104	187628	196042	208425	222570	235814	...
Switzerland	224277	225394	249367	253357	252856	259260	265751	274742	283880	...
Sweden	210909	218145	257077	266061	271149	282340	291652	304037	311820	311106

¹ Here and elsewhere (Tables 25.8, 25.9) estimated data from Statistics Department of UN ECE

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

25.8. GDP annual growth rate*(at the 2005 prices and PPPs which are internationally comparable; percent of the previous year)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
CIS countries											
Azerbaijan	...	-11,8	11,1	9,9	10,6	11,2	10,2	26,4	34,5	25,1	10,8
Belarus	...	-10,4	5,8	4,7	5,0	7,0	11,4	9,4	10,0	8,6	10,0
Armenia	...	6,9	5,9	9,6	15,1	14,0	10,5	13,9	13,2	13,8	6,8
Georgia	...	2,6	1,8	4,8	5,5	11,1	5,9	9,6	9,4	12,3	2,1
Kazakhstan	...	-8,2	9,8	13,5	9,8	9,3	9,6	9,7	10,7	8,9	3,0
Kyrgyzstan	...	-5,4	5,4	5,3	0,0	7,0	7,0	-0,2	3,1	8,5	7,6
Moldova, Republic of	...	-1,4	2,1	6,1	7,8	6,6	7,4	7,5	4,8	3,0	7,2
Russian Federation	...	-4,1	10,0	5,1	4,7	7,3	7,2	6,4	7,7	8,1	5,6
Tajikistan	...	-6,0	8,3	9,6	10,8	11,1	10,3	6,7	6,6	7,7	...
Turkmenistan	...	-7,2	5,5	4,3	0,3	3,3	4,5	12,9	11,1	11,6	...
Uzbekistan	...	-0,9	4,0	4,5	4,2	4,4	7,7	7,0	7,3	9,5	...
Ukraine	...	-12,2	5,9	9,2	5,2	9,6	12,1	2,7	7,1	8,9	3,2
Other countries of the World											
Austria	4,2	2,5	3,7	0,5	1,6	0,8	2,5	2,9	3,4	3,1	1,8
Belgium	3,1	2,4	3,7	0,8	1,5	1,0	3,0	1,8	3,0	2,8	1,2
Bulgaria	...	2,9	5,4	4,1	4,5	5,0	6,6	6,2	6,3	6,2	...
Greece	0,0	2,1	4,5	4,2	3,4	5,6	4,9	2,9	4,5	4,0	2,9
Denmark	1,0	3,1	3,5	0,7	0,5	0,4	2,3	2,4	3,3	1,6	...
Estonia	...	4,5	7,9	7,7	7,8	7,1	7,5	9,2	10,4	6,3	-3,6
Israel	...	...	8,9	-0,4	-0,7	1,8	5,0	5,1	5,2	5,4	4,0
Ireland	8,5	9,6	9,2	5,8	6,4	4,5	4,7	6,4	5,7	6,0	...
Iceland	...	0,1	4,3	3,9	0,1	2,4	7,7	7,5	4,4	3,8	...
Spain	3,8	2,8	5,0	3,6	2,7	3,1	3,3	3,6	3,9	3,7	1,2
Italy	2,1	2,8	3,7	1,8	0,5	0,0	1,5	0,7	2,0	1,6	-1,0

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.8 is continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Canada	0,2	2,8	5,2	1,8	2,9	1,9	3,1	2,9	3,1	2,7	0,5
Latvia	...	-0,9	8,4	8,0	6,5	7,2	8,7	10,6	12,2	10,0	-4,6
Lithuania	...	5,2	4,2	6,7	6,9	10,2	7,4	7,8	7,8	8,9	3,1
Luxembourg	5,3	1,4	8,4	2,5	4,1	1,5	4,5	5,2	6,4	5,2	...
Malta	...	...	...	-1,6	2,6	-0,3	1,3	3,7	3,2	3,6	1,6
Netherlands	...	3,1	3,9	1,9	0,1	0,3	2,2	2,0	3,4	3,5	2,0
Germany	5,7	1,9	3,2	1,2	0,0	-0,2	1,2	0,8	3,0	2,5	1,3
Norway	1,9	4,2	3,3	2,0	1,5	1,0	3,9	2,7	2,3	3,1	2,0
Poland	...	7,0	4,3	1,2	1,4	3,9	5,3	3,6	6,2	6,6	4,8
Portugal	4,0	4,3	3,9	2,0	0,8	-0,8	1,5	0,9	1,4	1,9	0,0
Romania	...	7,2	2,2	5,8	5,2	5,3	8,5	4,2	7,9	6,2	7,1
Slovakia	...	7,9	1,4	3,4	4,8	4,7	5,2	6,5	8,5	10,4	6,4
Slovenia	...	...	4,4	2,8	4,0	2,8	4,3	4,3	5,9	6,8	...
United Kingdom	0,8	3,0	3,9	2,5	2,1	2,8	2,8	2,1	2,8	3,0	0,7
USA	1,8	2,5	3,7	0,8	1,6	2,5	3,6	2,9	2,8	2,0	1,3
Turkey	9,3	7,2	6,8	-5,7	6,2	5,3	9,4	8,4	6,9	4,5	...
Hungary	...	1,5	5,2	4,1	4,1	4,2	4,8	4,0	4,1	1,1	0,5
Finland	0,1	3,9	5,1	2,7	1,6	1,8	3,7	2,8	4,9	4,2	0,9
France	2,6	2,1	3,9	1,8	1,0	1,1	2,5	1,9	2,2	2,2	0,8
Croatia	...	6,8	2,9	4,4	5,6	5,3	4,3	4,3	4,8	5,6	...
Czech Republic	...	5,9	3,6	2,5	1,9	3,6	4,5	6,3	6,8	6,0	...
Switzerland	3,7	0,4	3,6	1,2	0,4	-0,2	2,5	2,5	3,4	3,3	...
Sweden	1,0	4,0	4,4	1,1	2,4	1,9	4,1	3,3	4,2	2,6	-0,2

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

25.9. GDP per capita*(at the 2005 prices and PPPs which are internationally comparable; USD)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
CIS countries											
Azerbaijan	...	1888	2534	2764	3033	3346	3654	4573	6081	7519	8238
Belarus	6450	4200	5816	6112	6447	6934	7765	8541	9436	10278	11329
Armenia	...	1663	2157	2368	2726	3109	3432	3903	4414	5016	...
Georgia	5417	1758	2502	2641	2805	3135	3327	3610	3916	4409	...
Kazakhstan	7096	4497	5405	6148	6747	7352	8001	8699	9529	10258	10435
Kyrgyzstan	2525	1232	1510	1578	1565	1660	1758	1737	1774	1910	...
Moldova, Republic of	3974	1893	1657	1763	1905	2036	2192	2362	2482	2562	2752
Russian Federation	12686	7854	8606	9083	9557	10303	11097	11864	12831	13902	14699
Tajikistan	3203	1121	985	1058	1150	1252	1352	1413	1476	...	...
Ukraine	8108	3920	3706	4085	4337	4793	5416	5605	6042	6621	6868
Other countries of the World											
Austria	25762	27566	31680	31722	32081	32203	32792	33497	34423	35337	35852
Belgium	25141	26754	30248	30384	30697	30872	31654	32063	32805	33458	33851
Bulgaria	7532	6938	6906	7236	7653	8083	8664	9255	9866	10474	...
Greece	17592	17884	20639	21440	22101	23258	24318	24928	25944	26885	27604
Denmark	25447	28073	31662	31772	31808	31847	32500	33196	34193	34609	...
Estonia	10110	7977	11033	11922	12911	13881	14982	16390	18131	19322	18634
Israel	...	20498	22937	21321	21729	21722	22414	23153	23926	24767	25294
Ireland	17481	21346	32231	33576	35125	36113	37178	38690	39899	41293	...
Iceland	25619	24790	29896	30632	30358	30979	32896	34993	35581	36117	...
Spain	19686	21006	25128	25753	26070	26435	26859	27377	28009	28514	28389
Italy	23775	25270	27717	28204	28242	28018	28168	28144	28554	28789	28245

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.9 is continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Canada	27124	27925	32647	32904	33525	33805	34508	35152	36329	36544	...
Latvia	10842	6182	8536	9286	9955	10735	11727	13038	14716	16269	15592
Lithuania	12123	7293	9517	10214	10952	12127	13087	14199	15403	16867	17480
Luxemburg	42643	48227	60649	61753	63712	63839	65868	68240	71409	74027	...
Malta	...	...	20535	20049	20418	20253	20355	21011	21412	22080	22314
Netherlands	26284	28462	33698	34088	33895	33849	34493	35111	36243	37412	38021
Germany	25703	27847	30559	30881	30828	30746	31125	31380	32347	33184	33669
Norway	32121	37535	43642	44294	44702	44897	46368	47319	47993	49024	49361
Poland	8180	9072	11814	11958	12137	12618	13298	13786	14655	15636	16384
Portugal	15743	17028	20402	20678	20684	20374	20562	20657	20870	21226	21185
Romania	7767	7170	6925	7365	7785	8232	8972	9386	10169	10850	11666
Slovakia	...	10820	12693	13176	13805	14459	15195	16175	17536	19343	20545
Slovenia	...	15930	19718	20249	21022	21607	22522	23454	24752	26282	...
United Kingdom	23745	25406	29641	30254	30779	31523	32241	32695	33418	34326	34401
USA	32135	34055	39292	39187	39432	40050	41137	41961	42725	43170	43321
Turkey	7762	8288	9269	8594	8991	9319	10039	10841	11444	11878	...
Hungary	12410	11155	13723	14191	14822	15493	16280	16959	17684	17901	18026
Finland	23387	21974	27435	28112	28483	28932	29921	30644	32025	33225	33379
France	24343	25238	28341	28661	28752	28863	29381	29759	30222	30692	30773
Croatia	11425	8473	10522	11007	11644	12302	12861	13438	14107	14928	...
Czech Republic	16320	15599	16886	17384	17754	18391	19207	20366	21678	22844	...
Switzerland	33001	32112	34808	35014	34917	34572	35206	35840	36834	37805	...
Sweden	24642	24713	28976	29204	29811	30269	31392	32298	33481	34086	33746

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

25.10. Indices for industrial production*(at constant prices; percentage of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
CIS countries										
Azerbaijan	78,6	106,8	105,0	103,8	106,1	105,5	133,7	136,5	124,0	105,9
Belarus	88,3	107,7	105,9	104,5	107,1	115,9	110,5	111,4	108,7	110,8
Armenia	101,4	106,3	105,3	114,6	115,2	102,0	107,6	99,0	102,6	102,0
Georgia	86,8	110,6	94,9	107,1	114,9	108,6	116,4	110,6	114,4	...
Kazakhstan	91,9	115,5	113,9	110,5	109,1	109,9	105,1	107,0	104,5	102,1
Kyrgyzstan	82,0	105,9	105,6	89,0	117,1	104,5	87,9	89,8	107,3	114,8
Moldova, Republic of	96,1	108,0	113,6	110,7	115,8	108,2	107,0	95,1	98,8	100,7
Russian Federation	95,4	108,6	103,0	103,1	108,9	108,2	104,1	103,9	106,4	102,1
Tajikistan	86,4	109,9	115,1	108,2	110,0	115,1	108,5	105,0	109,9	96,0
Turkmenistan	93,6	125,9	109,0	105,0	108,0	103,3	122,0	...	...	...
Uzbekistan	100,1	105,9	107,6	108,5	106,2	109,4	107,3	111,0	111,9	...
Ukraine¹	88,0	113,2	114,2	107,0	115,8	112,5	103,1	106,2	110,2	96,9
Other countries of the World										
Austria	105,1	108,7	102,8	100,9	101,8	107,1	103,9	107,2	105,8	101,8
Belgium	106,0	105,3	99,4	101,1	100,8	104,4	98,6	104,3	103,0	98,9
Bulgaria	...	...	102,1	104,7	113,0	112,8	106,9	106,0	109,6	100,6
Bosnia and Herzegovina	164,7	109,4	112,4	109,3	104,6	113,3	105,9	107,4	109,2	107,9
Greece	101,8	106,0	98,0	100,6	100,4	101,1	99,2	100,8	102,6	95,8
Denmark	104,0	105,4	101,6	101,3	100,2	98,5	106,4	104,1	98,1	98,8
Estonia	...	114,5	108,8	108,4	111,0	110,4	111,0	109,9	106,4	93,6
Israel	108,4	110,0	95,1	98,0	99,7	107,0	103,6	109,9	104,4	106,8
Ireland	119,1	115,0	109,6	106,8	104,7	100,3	102,9	105,1	107,1	99,0
Spain	104,7	104,0	98,8	99,9	101,5	102,0	100,2	103,7	102,4	92,9
Italy	105,4	103,1	99,2	98,7	99,0	100,9	98,2	103,1	102,8	96,8
Canada	104,6	108,6	96,0	101,6	100,7	102,0	101,2	99,3	...	...

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.10 is continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Cyprus	...	100,4	104,8	101,7	100,0	101,8	100,5	100,3	105,2	103,1
Latvia	...	103,8	110,5	106,9	107,8	107,2	107,1	106,6	101,4	96,1
Lithuania	...	105,3	112,1	106,7	113,5	111,4	107,0	106,5	102,4	105,5
Luxemburg	101,4	104,3	103,3	102,1	103,7	104,6	100,7	102,1	100,6	95,6
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
Netherlands	101,0	105,5	100,6	100,1	98,7	104,2	99,8	102,0	103,0	99,9
Germany	101,0	105,1	99,9	98,9	100,5	104,2	103,0	105,3	105,8	100,6
Norway	105,7	103,2	99,3	99,1	97,5	99,7	100,0	97,8	98,8	100,5
Poland	110,3	107,5	100,4	101,4	108,8	112,7	104,1	112,0	109,3	102,7
Portugal	104,7	100,5	103,1	99,6	99,9	97,4	100,3	101,2	102,3	95,9
Romania	109,0	130,3	104,0	100,0	99,7	102,4	97,1	109,3	110,3	102,6
Serbia	...	111,4	100,1	101,8	97,0	107,1	100,8	104,7	103,7	101,1
Slovakia	108,3	102,7	107,8	103,4	115,2	103,8	97,4	112,2	116,3	105,4
Slovenia	...	106,2	102,9	102,4	101,4	104,9	103,5	105,7	107,2	98,8
United Kingdom	101,8	101,6	98,6	98,3	99,7	100,8	98,5	100,6	100,5	97,2
USA	104,8	104,2	96,6	99,9	101,2	102,5	103,3	102,2	101,7	98,2
Turkey	108,5	106,1	91,3	109,5	108,7	109,8	105,6	105,8	104,6	98,3
Hungary	104,6	118,2	103,6	103,2	106,9	107,8	106,8	109,9	107,9	100,0
Finland	106,4	112,4	100,6	102,3	100,6	105,7	100,2	109,6	104,4	99,7
France	102,1	103,3	100,9	98,1	98,8	102,2	100,2	101,0	101,5	97,8
Croatia	...	101,5	105,9	105,0	103,3	103,2	104,6	104,1	104,9	101,2
Czech Republic	108,7	103,2	107,3	104,1	101,8	110,2	103,7	108,2	110,4	98,1
Switzerland	102,0	108,4	99,2	94,9	100,1	104,4	102,7	107,8	109,5	...
Sweden	109,8	105,0	99,0	100,0	101,5	105,6	102,5	103,1	103,4	97,4

¹ For 1995, data are based on the *General Classification of Economic Industries*; since 2000 data are based on NACE

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
CIS countries										
Azerbaijan	511,5	101,8	101,6	102,8	102,1	106,7	109,6	108,2	116,6	120,8
Belarus	809,3	268,9	161,4	142,8	128,5	118,3	110,4	107,0	108,3	114,8
Armenia	275,6	99,2	103,2	101,0	104,7	106,9	100,6	102,9	104,4	109,0
Georgia	361,4	104,2	104,6	105,7	104,9	105,7	108,2	109,2	109,2	109,9
Kazakhstan	276,2	113,2	108,4	105,8	106,4	106,9	107,6	108,6	110,8	117,1
Kyrgyzstan	...	119,7	106,9	102,1	103,0	104,1	104,4	105,6	110,2	124,5
Moldova, Republic of	...	131,3	109,8	105,3	111,8	112,5	112,0	112,8	112,4	112,9
Russian Federation	297,5	120,8	121,5	115,8	113,7	110,9	112,7	109,7	109,0	114,1
Tajikistan	782,1	132,9	138,6	112,2	116,3	107,2	107,2	110,0	113,4	120,9
Ukraine	477,0	128,2	112,0	100,8	105,2	109,0	113,5	109,1	112,8	125,2
Other countries of the World										
Austria	102,2	102,4	102,7	101,8	101,4	102,1	102,3	101,4	102,2	103,2
Albania	107,8	100,0	103,1	105,5	102,6	102,3	102,4	102,4	102,9	103,4
Belgium	101,5	102,6	102,5	101,6	101,6	102,1	102,8	101,8	101,8	104,5
Bulgaria	162,1	110,3	107,4	105,8	102,2	106,4	105,0	107,3	108,4	112,4
Bosnia and Herzegovina	...	...	...	...	...	...	...	105,9	101,8	107,7
Greece	108,9	103,2	103,4	103,6	103,5	102,9	103,6	103,2	102,9	104,2
Denmark	102,1	102,9	102,4	102,4	102,1	101,2	101,8	101,9	101,7	103,4
Estonia	128,8	104,0	105,7	103,6	101,3	103,0	104,1	104,4	106,6	110,4
Israel	110,0	101,1	101,1	105,7	100,7	99,6	101,3	102,1	100,5	104,6
Ireland	...	105,6	104,9	104,6	103,5	102,2	102,4	103,9	104,9	104,0
Iceland	101,6	105,2	106,4	105,2	102,1	102,8	104,2	106,7	105,1	112,7
Spain	104,7	103,4	103,6	103,1	103,0	103,0	103,4	103,5	102,8	104,1
Italy	105,2	102,5	102,8	102,5	102,7	102,2	102,0	102,1	101,8	103,4
Canada	102,2	102,7	102,5	102,3	102,8	101,9	102,2	102,0	102,1	102,4

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.11 is continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Cyprus	102,6	104,2	102,0	102,8	104,1	102,3	102,6	102,5	102,4	104,7
Latvia	125,0	102,6	102,5	101,9	103,0	106,2	106,7	106,5	110,1	115,4
Lithuania	139,7	101,0	101,4	100,3	98,9	101,1	102,7	103,8	105,7	110,9
Luxemburg	101,9	103,2	102,7	102,1	102,0	102,2	102,5	102,7	102,3	103,4
Malta	103,5	102,4	102,9	103,0	100,5	102,8	103,0	102,8	101,2	104,3
Macedonia, the former Yugoslav Republic of	116,4	106,6	105,2	102,4	101,1	99,4	99,3	103,3	102,8	107,2
Netherlands	101,9	102,3	104,2	103,3	102,1	101,2	101,7	101,2	101,6	102,5
Germany	101,7	101,5	102,0	101,4	101,0	101,7	101,6	101,6	102,3	102,6
Norway	102,5	103,1	103,0	101,3	102,5	100,5	101,5	102,3	100,7	103,8
Poland	128,1	110,1	105,5	101,9	100,8	103,6	102,1	101,1	102,4	104,4
Portugal	104,1	102,8	104,4	103,5	103,3	102,4	102,3	102,7	102,8	102,6
Romania	132,2	145,7	134,5	122,5	115,3	111,9	109,0	106,6	104,8	107,8
Serbia	182,7	171,1	195,0	119,5	110,0	111,1	116,2	111,8	106,1	111,6
Slovakia	109,9	112,0	107,3	103,3	108,6	107,6	102,7	104,5	102,8	104,6
Slovenia	113,4	108,9	108,4	107,5	105,6	103,6	102,5	102,5	103,6	105,6
United Kingdom	103,4	102,9	101,8	101,6	102,9	103,0	102,8	103,2	104,3	104,0
USA	102,8	103,4	102,8	101,6	102,3	102,7	103,4	103,2	102,8	103,8
Turkey	188,6	154,9	154,4	145,0	125,3	110,6	110,1	110,5	108,8	110,4
Hungary	128,6	109,8	109,2	105,5	104,4	106,8	103,6	103,9	107,9	106,1
Finland	101,0	103,4	102,6	101,6	100,9	100,2	100,9	101,6	102,5	104,1
France	101,8	101,7	101,6	101,9	102,1	102,1	101,7	101,7	101,5	102,8
Croatia	104,0	104,6	103,8	101,7	101,8	102,0	103,3	103,2	102,9	106,1
Czech Republic	109,5	103,9	104,7	101,8	100,1	102,8	101,8	102,5	102,9	106,4
Switzerland	101,8	101,5	101,0	100,6	100,6	100,8	101,2	101,1	100,7	102,4
Sweden	102,4	100,9	102,4	102,2	101,9	100,4	100,4	101,4	102,2	103,5

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

25.12. Industrial producer price indices*(percentage of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
CIS countries										
Azerbaijan	1440,1	127,5	102,0	97,7	116,2	112,8	116,5	116,1	109,0	115,0
Belarus	638,6	285,6	171,7	140,6	137,4	124,1	112,1	108,4	115,8	114,8
Armenia	287,8	99,6	101,1	103,6	103,7	121,6	107,6	101,0	100,7	102,2
Georgia	...	105,8	103,6	106,0	102,6	104,2	107,4	111,0	111,8	109,8
Kazakhstan	...	138,0	100,4	100,2	109,3	116,8	123,7	118,4	102,0	155,2
Kyrgyzstan	121,8	132,0	109,1	105,3	105,6	108,8	103,1	115,9	111,8	125,4
Moldova, Republic of	152,2	133,6	112,6	108,0	108,3	105,2	105,9	112,3	128,0	110,0
Russian Federation	337,6	146,5	119,1	111,8	115,6	124,0	120,7	112,4	114,1	121,3
Tajikistan	451,7	139,0	125,1	109,2	115,3	116,5	110,4	142,7	121,8	120,8
Ukraine	588,9	120,8	108,7	103,0	107,6	120,5	116,7	109,6	119,5	135,5
Other countries of the World										
Austria	100,3	104,0	101,5	99,6	101,6	105,0	102,1	102,9	104,1	106,4
Albania	...	...	...	...	...	...	...	100,8	103,5	...
Belgium	102,2	108,6	100,8	101,4	100,6	104,5	102,2	104,8	103,0	109,6
Bulgaria	...	117,5	103,7	101,3	104,9	106,0	106,9	109,2	108,6	111,8
Bosnia and Herzegovina	168,7	100,9	102,3	100,7	102,6	102,4	99,6	103,7	104,4	106,7
Greece	109,2	105,2	103,6	102,3	102,4	103,5	105,9	106,9	103,3	108,6
Denmark	106,7	106,0	106,1	102,1	103,0	103,0	109,4	107,6	100,3	113,8
Estonia	125,6	104,9	104,4	100,4	100,2	102,9	102,1	104,5	108,2	107,2
Israel	110,7	103,6	99,9	103,9	104,3	105,4	106,2	105,7	103,4	109,6
Ireland	...	107,4	102,5	102,2	100,9	100,5	102,1	101,8	101,6	105,2
Spain	106,4	105,4	101,7	100,7	101,4	103,4	104,9	105,3	103,3	106,6

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.12 is continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Italy	107,8	106,0	101,9	100,2	101,6	102,7	104,0	105,6	103,5	106,0
Canada	107,4	104,3	101,0	100,1	98,6	103,2	101,5	102,4	101,6	104,4
Latvia	111,9	100,6	101,7	100,9	103,2	108,6	107,8	110,4	116,1	111,8
Lithuania	...	110,2	99,4	99,3	99,3	102,4	105,9	106,8	109,2	115,7
Luxemburg	103,4	106,2	104,1	98,9	103,6	109,0	103,9	113,1	106,8	115,2
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
Netherlands	103,0	111,8	102,4	99,1	102,2	102,6	107,1	108,2	104,6	108,9
Germany	101,7	103,3	103,0	99,4	101,7	101,6	104,6	105,5	102,0	106,0
Norway	106,5	113,8	101,7	99,7	106,0	103,6	106,0	108,8	99,4	115,3
Poland	125,6	107,7	101,7	101,2	102,7	107,1	100,7	102,2	102,2	102,6
Portugal	103,8	116,1	102,7	100,4	100,8	102,7	104,1	104,7	103,2	105,8
Romania	...	153,4	140,3	124,5	119,6	118,6	112,4	112,0	108,7	114,5
Slovakia	109,0	109,8	106,6	102,1	108,3	103,4	104,9	108,2	102,1	106,1
United Kingdom	...	102,4	99,8	98,9	101,3	104,3	110,6	108,5	102,0	116,0
USA	103,6	105,8	101,1	97,7	105,3	106,2	107,3	104,7	104,8	109,8
Turkey	...	...	...	...	...	114,6	105,9	109,3	106,3	112,7
Hungary	...	114,5	109,2	101,6	105,0	108,4	108,3	108,4	106,4	111,6
Finland	...	104,3	100,4	99,2	100,2	99,5	101,8	105,2	103,0	106,2
France	...	104,4	101,2	99,8	100,9	102,0	103,0	103,4	102,5	105,1
Czech Republic	107,5	104,9	102,9	99,5	99,7	105,7	103,0	101,6	104,0	104,5
Switzerland	99,9	101,0	100,5	99,5	100,0	101,2	100,8	102,0	102,4	103,4
Sweden	107,0	103,5	102,5	102,2	102,6	102,0	103,8	105,9	103,8	105,8

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