

STATISTICAL  
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**Ukraine**

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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 2007 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 2007* presents a wide range of statistics on social and economic situation in Ukraine in 2007 compared with 1990, 1995 and 2000–2006. 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), 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
dal – dekalitre	mg – milligram
Gcal – giga-calorie	mm – millimetre
g – gramme	mln.– million
g/L – gram-litre	µg – microgramme
h – hour	% – percent
ha – hectare	pcs – pieces
kg – kilogramme	sq. km – square kilometre
kcal – kilo-calorie	sq. m – square metre
km – kilometre	t – tonne
KRB – karbovanets	thsd. – thousand
kV·A – kilovolt-ampere	tkm – tonne-kilometre
kW – kilowatt	trln. – trillion
kW·h – kilowatt-hour	UAH – Ukrainian hryvnya
	USD – dollar of USA

## CONVENTIONAL SYMBOLS USED IN THE YEARBOOK

Dash (–)	– not observed
Dots (...)	– not available
Zero (0; 0,0)	– data are very 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

## CONTENTS

<b>FOREWORD .....</b>	<b>3</b>
<b>ABBREVIATIONS USED IN THE YEARBOOK .....</b>	<b>3</b>
<b>CONVENTIONAL SYMBOLS USED IN THE YEARBOOK .....</b>	<b>3</b>
 <b>1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS .....</b>	 <b>20</b>
1.1. Geopolitical characteristic .....	20
1.2. Religious organizations .....	22
1.3. Registered public associations .....	22
1.4. Total area and present population, by region .....	23
1.5. Administrative and territorial units, by region .....	24
1.6. Basic social and economic indicators .....	25
1.7. Indices of basic social and economic indicators .....	26
 <b>2. NATIONAL ACCOUNTS .....</b>	 <b>27</b>
2.1. Gross domestic product (GDP) .....	29
2.2. GDP production and distribution, by type of economic activity .....	29
2.3. GDP, volume indices .....	32
2.4. Output structure at market prices in 2007 .....	32
2.5. GDP, by category of final use .....	33
2.6. GDP structure, by income category .....	34
2.7. Aggregate national accounts .....	35
2.8. National accounts by institutional sector of the economy, 2006 .....	39
2.9. Input-output at consumer prices in 2006 .....	44
2.10. Gross regional product .....	46
2.11. Per capita gross regional product .....	47
2.12. Volume indices of gross regional product .....	48
2.13. Volume indices for per capita gross regional product .....	49
 <b>3. FINANCE AND CREDIT .....</b>	 <b>50</b>
3.1. Consolidated budget of Ukraine .....	52
3.2. Ukraine's State budget deficit (surplus) and sources used for its funding .....	53
3.3. Budgets of Ukraine .....	54
3.4. Financial activities of insurance organizations .....	57
3.5. Financial outcome from usual activity before taxation, by type of economic activity .....	58
3.6. Profitability of operational activity, by type of economic activity .....	59
3.7. Profitability of operational activity of industrial enterprises .....	59
3.8. Loss-making enterprises, by type of economic activity .....	60
3.9. Working assets, by type of economic activity .....	61

3.10. Structure of working assets .....	62
3.11. Current accounts receivable and accounts payable .....	62
3.12. Accounts receivable and accounts payable, by region .....	63
3.13. Enterprise balance sheets in 2007, by type of economic activity .....	64
3.14. Indicators of Ukraine's banking system .....	66
3.15. Money supply in Ukraine and its distribution .....	67
3.16. Claims of Ukraine's banks on granted loans .....	68
3.17. Claims of banks on the credits granted to the economy of Ukraine (by currency and maturity) in 2007, by region .....	68
3.18. Average official exchange rates set by the National Bank of Ukraine .....	69
3.19. Official exchange rates set by the National Bank of Ukraine, end of year .....	69
3.20. Selected indicators of Ukraine's banks .....	69
3.21. Liabilities of banks on the funds of natural persons .....	70
3.22. Liabilities of banks on the funds of economic entities and natural persons .....	70
 <b>4. PRICES AND TARIFFS .....</b>	 <b>71</b>
4.1. Price indices .....	72
4.2. Consumer price indices and industrial producer price indices in 2000–2007 .....	72
4.3. Indices of consumer prices and prices of producers .....	72
4.4. Indices of consumer prices for the basic groups of goods and services .....	73
4.5. Consumer price indices in 2007, by region .....	74
4.6. Consumer price indices, by region .....	76
4.7. Industrial producer price indices, by type of activity .....	77
4.8. Producer price indices, by selected consumer goods .....	78
4.9. Price indices for products sold by agricultural enterprises .....	79
4.10. Price indices for construction and assembly operations .....	80
4.11. Tariff indices for post and communication services for enterprises, departments and organizations .....	81
4.12. Tariff indices for shipment of cargo by rail .....	81
4.13. Tariff indices for transportation of cargo by pipelines .....	81
 <b>5. THE UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANIZATIONS OF UKRAINE (Business register) .....</b>	 <b>82</b>
5.1. Number units in the Unified State Register of Enterprises and Organizations of Ukraine (Business register), by region .....	83
5.2. Business register units, by region .....	84
5.3. Business register units, by type of economic activity .....	85
5.4. Business register units, by the legal status and type of economic activity .....	85
5.5. Business register units, by the organizational and the legal forms of business .....	86
 <b>6. MATERIAL AND ENERGY RESOURCES .....</b>	 <b>88</b>
6.1. Capital assets in the economy .....	89
6.2. Capital assets, by type of economic activity .....	89
6.3. Indices of capital assets, by type of economic activity .....	90
6.4. Capital assets, by region .....	91
6.5. New capital assets putting into service, by region .....	92
6.6. New capital assets putting into service, by type of economic activity .....	93

6.7. Degree of depreciation of capital assets, by region .....	94
6.8. Degree of depreciation of capital assets, by type of economic activity .....	95
6.9. Operational costs for the sold products (operations, services) and operational costs per unit of a product sold, by type of economic activity .....	96
6.10. Electricity input-output table .....	98
<b>Uses of material and technical and energy resources .....</b>	<b>98</b>
6.11. Consumption of energy materials and refinery processing products in 2007, by the selected type of economic activity .....	98
6.12. Uses of fuel and energy resources for production needs .....	99
6.13. Consumption structure of energy materials and refinery processing products .....	99
6.14. Consumption of the selected energy materials and refinery processing products in 2007, by region .....	100
6.15. Costs structure of energy materials and refinery processing products in 2007, by consumption pattern .....	101
6.16. Uses of the secondary energy resources by enterprises and organizations .....	101
6.17. Uses of the secondary raw materials .....	102
6.18. Cullings and spendings of the basic material resources .....	103
6.19. Creation and uses of secondary raw materials and industrial wastes .....	104
6.20. Cost per unit of energy resources for the selected types of products (operations) .....	105
6.21. Accumulation of ash, and ash and slag wastes, by region .....	108
<b>7. INDUSTRY .....</b>	<b>109</b>
7.1. Industrial production in the economy .....	109
7.2. Basic indicators of industrial production .....	110
7.3. Industrial products sold in 2007, by type of activity .....	110
7.4. Industrial enterprises, by type of activity .....	111
7.5. Industrial output indices, by type of activity .....	112
7.6. Industrial output indices, by region .....	113
7.7. Output indices of foodstuffs, beverages and tobacco products enterprises, by type of activity .....	114
7.8. Output indices of coke and refined petroleum products enterprises, by type of activity .....	114
7.9. Output indices for chemicals and petrochemicals, by type of activity .....	114
7.10. Output indices of engineering, by type of activity .....	115
7.11. Industrial labour productivity indices, by type of activity .....	116
7.12. Industrial labour productivity indices, by region .....	117
7.13. Operational costs and costs per unit of output, by type of industrial activity .....	118
7.14. Capacity of electric power plants and output of electricity .....	120
7.15. Output of selected types of products by mining industry .....	120
7.16. Output of selected types of products by foodstuffs, beverages and light industry .....	121
7.17. Output of selected types of products by wood and cellulose and paper industry .....	121
7.18. Output of selected types of refined petroleum products .....	122
7.19. Output of selected types of chemical and petrochemical industry .....	122
7.20. Output of selected types of metallurgy industry .....	123
7.21. Output of selected types of engineering .....	123
7.22. Output of industrial products, by type of activity .....	124

7.23. Per capita basic foodstuffs production .....	131
7.24. Output of dairy products, by type .....	132
7.25. Output of sausages, by type .....	132
7.26. Output of alcoholic beverages and tobacco products .....	133
7.27. Output of confectionery products, by type .....	133
7.28. Output of sausages, by region .....	134
7.29. Output of unrefined sunflower-seed oil, by region .....	135
7.30. Output of processed skimmed milk, by region .....	136
7.31. Output of cheese with high fat content, by region .....	137
7.32. Output of sour milk products, by region .....	138
7.33. Output of flour, by region .....	139
7.34. Output of bread and flour products, by region .....	140
7.35. Output of granulated sugar, by region .....	141
7.36. Per capita output of basic products of light industry .....	141
7.37. Output of footwear, by region .....	142
7.38. Output of pipes and hollow shapes from ferrous metals .....	143
 <b>8. AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY .....</b>	<b>144</b>
8.1. Agriculture, hunting, forestry and fishing, fishery in the economy .....	146
8.2. Operating enterprises in 2007, by organizational and legal form of business .....	146
 <b>Agriculture .....</b>	<b>147</b>
8.3. Agricultural production .....	147
8.4. Agricultural production, by category of enterprises .....	147
8.5. Agricultural production, by region .....	148
8.6. Share of the population holdings in agricultural production .....	149
8.7. Per capita output of agricultural products .....	149
8.8. Agricultural production indices .....	150
8.9. Agricultural production indices, by category of enterprises .....	150
8.10. Agricultural production indices, by region .....	151
8.11. Operating agricultural enterprises in 2007, by organizational and legal form of business, by region .....	152
8.12. Distribution of operating agricultural enterprises in 2007, by size of agricultural lands .....	153
8.13. Tractors, harvesting combines and trucks in agricultural enterprises .....	153
8.14. Costs structure for agricultural output in agricultural enterprises .....	154
8.15. Profitability of basic agricultural products in agricultural enterprises .....	155
8.16. Sale of agricultural products by agricultural enterprises .....	155
8.17. Agricultural production given to shareholders as rent payments for land and property shares (stocks) .....	156
8.18. Structure of agricultural production sold by agricultural enterprises .....	157
 <b>Crop cultivation .....</b>	<b>158</b>
8.19. Total land area and agricultural land in 2007 .....	158

8.20. Irrigated and drained land area .....	158
8.21. Sown area for basic agricultural crops in 1940–2007 .....	159
8.22. Sown area for agricultural crops .....	160
8.23. Structure of sown area for basic agricultural crops .....	161
8.24. Sown area for agricultural crops in 2007, by region .....	162
8.25. Harvested area .....	163
8.26. Area planted with fruit and berries, and grapes .....	163
8.27. Output of basic agricultural crops in 1913–2007 .....	164
8.28. Output of basic agricultural crops .....	165
8.29. Output of basic agricultural crops, by category of enterprises .....	166
8.30. Output of grain crops, by region .....	167
8.31. Output of sugar beets (for processing), by region .....	168
8.32. Output of sunflower seeds, by region .....	169
8.33. Output of potatoes, by region .....	170
8.34. Output of vegetables, by region .....	171
8.35. Output of fruit and berries, by region .....	172
8.36. Output of grapes, by region .....	173
8.37. Yields of basic agricultural crops in 1940–2007 .....	174
8.38. Yields of basic of agricultural crops .....	175
8.39. Yields of grain crops in 2007, by region .....	176
8.40. Yields of major of agricultural crops in 2007, by region .....	177
8.41. Collective horticulture and market gardening .....	178
8.42. Use of fertilizers for agricultural crops in agricultural enterprises .....	178
8.43. Supply of crop products to processing enterprises .....	179
<b>Livestock breeding</b> .....	180
8.44. Livestock and poultry population in 1915–2007 .....	180
8.45. Livestock and poultry population, by category of enterprises .....	181
8.46. Livestock and poultry population in 2007, by region .....	182
8.47. Output of basic animal products in 1940–2007 .....	183
8.48. Output of basic animal products, by category of enterprises .....	184
8.49. Output of meat, by category .....	185
8.50. Output of meat, by region .....	185
8.51. Output of milk, by region .....	186
8.52. Output of eggs, by region .....	187
8.53. Livestock and poultry productivity .....	188
8.54. Average weight of a livestock per head sold to processing enterprises .....	188
8.55. Average annual yield of milk per cow, by region .....	189
8.56. Livestock and poultry feeds used .....	190
8.57. Animal products supplied to processing enterprises .....	190
<b>Hunting</b> .....	191
8.58. Basic hunting indicators .....	191
8.59. Total number of wild animals inhabiting in hunting areas .....	192
<b>Forestry</b> .....	193
8.60. Forest stock .....	193
8.61. Basic indicators of forestry operations .....	193
8.62. Forestry products, operations and services, by region .....	194
8.63. Forest felling in 2007, by region .....	195
8.64. Forest maintenance felling and other felling, and clean up from blockase, by region .....	196

8.65. Marketable timber procurement, by region .....	197
8.66. Reforestation, by region .....	198
8.67. Planting and sowing of forest, by region .....	199
8.68. Forest protection operations .....	200
8.69. Forest fires in 2007, by region .....	200
<b>Fishing, fishery .....</b>	<b>201</b>
8.70. Fish catching and harvesting of other water living resources, by type of water basin.....	201
8.71. Fish catching and harvesting of other water living resources, by type .....	202
8.72. Fish catching and harvesting of other water living resources, by region .....	203
<b>9. INVESTMENT AND CONSTRUCTION ACTIVITY .....</b>	<b>204</b>
9.1. Capital investment .....	205
9.2. Fixed capital investment .....	205
9.3. Indices for fixed capital investment .....	206
9.4. Fixed capital investment, by financing source .....	206
9.5. Fixed capital investment for restructuring in 2007, by basic direction and type of economic activity .....	207
9.6. Fixed capital investment, by region .....	208
9.7. Indices for fixed capital investment, by region .....	209
9.8. Per capita fixed capital investment, by region .....	210
9.9. Fixed capital investment, by type of economic activity .....	211
9.10. Indices for fixed capital investment, by type of economic activity .....	212
9.11. Fixed capital investment, by industrial activity .....	213
9.12. Indices for fixed capital investment, by industrial activity .....	214
9.13. Structure of fixed capital investment in 2007, by type of economic activity .....	214
9.14. Selected production capacities put into operation .....	215
9.15. Agricultural production objects and capacities put into operation .....	216
9.16. Basic indicators for construction .....	216
9.17. Indices for the performed construction operations, by region .....	217
9.18. Indices for the performed construction operations, by type of activity .....	218
9.19. Performed construction operations, by type of activity.....	218
<b>Residential, social and cultural construction .....</b>	<b>219</b>
9.20. Fixed capital investment in residential construction, by region .....	219
9.21. Indices for fixed capital investment in residential construction, by region .....	220
9.22. Residential buildings and other social facilities put into service .....	221
9.23. Residential buildings put into service in 2007, by region .....	222
9.24. Residential buildings put into service, by region .....	223
9.25. Individual residential buildings put into service, by region .....	224
9.26. Residential buildings put into service in rural areas, by region .....	225
9.27. Residential buildings put into service and the number of apartments built .....	226
9.28. Secondary educational institutions put into service, by region .....	227
9.29. Higher educational and professional training institutions put into service .....	228
9.30. Hospital facilities put into service, by region .....	228
9.31. Clinics put into service, by region .....	229
9.32. Health care, physical education and social protection facilities put into service .....	230

<b>10. TRANSPORT AND COMMUNICATIONS</b>	<b>231</b>
<b>Transport</b>	<b>232</b>
10.1. Freight shipped in 1940–2007, by type of carrier	232
10.2. Freight shipped, by type of carrier	232
10.3. Share of selected type of carrier in freight shipped	233
10.4. Volume indices for freight shipped, by type of carrier	233
10.5. Freight traffic in 1940–2007, by type of carrier	234
10.6. Freight traffic, by type of carrier	234
10.7. Distribution of freight traffic, by type of carrier	234
10.8. Freight shipped, by rail of general use	235
10.9. Freight shipped, by river carrier	235
10.10. Freight shipped, by marine carrier	236
10.11. Freight handling in sea and river ports (goods and fish)	236
10.12. Freight handling in sea and river ports (goods and fish) in 2007, by type	237
10.13. Freight shipped by motor vehicles, by region	238
10.14. Freight traffic of motor vehicles, by region	239
10.15. Freight transported, by pipeline	239
10.16. Total passengers transported in 1940–2007, by type of transport	240
10.17. Total passengers transported, by type of general use transport	240
10.18. Volume indices for passengers transported by transport of general use	241
10.19. Passengers traffic in 1940–2007, by type of transport (excluding urban electric transport)	241
10.20. Passengers traffic of general use transport	242
10.21. Passengers transported, by type of journey and selected type of transport	242
10.22. Rolling stock, by mode of transport and purpose	243
10.23. Private cars, by region	244
<b>Roads</b>	<b>245</b>
10.24. Length of transportation network in 1940–2007	245
10.25. Length of transportation network	246
10.26. Density of transportation network	246
10.27. Introduction of modern types of transportation network	247
10.28. Freight transportation intensity, by type of generally use transportation network	248
10.29. Passenges traffic intensity, by type of transportation network	248
10.30. Average distance of transportation of one tonne of freight, by type of selected carrier	248
10.31. Average distance of transportation of one passenger, by type of selected carrier	249
10.32. Traffic accidents on roads and streets	249
10.33. Persons killed and injured due to road accidents	250
<b>Communications</b>	<b>250</b>
10.34. Revenues of enterprises from post and communications services	250
10.35. Revenues of enterprises from post and communications services rendered to the population	251
10.36. Services rendered by public post and communications enterprises	251
10.37. Public telephone communications	252
10.38. Availability of public telephones to the population	252
10.39. Public telephones in urban and rural areas, by region	253
10.40. Private telephones, by region	254



10.41. Inter-city public telephones, by region .....	255
10.42. Demand and availability of private telephones, by region .....	256
10.43. Urban automated telephone switching systems put into service, by region .....	257

## **11. FOREIGN ECONOMIC ACTIVITY .....** 258

11.1. Foreign trade in goods, by country .....	258
11.2. Exports/imports of goods in 2007, by region .....	263
11.3. Commodity structure of foreign trade in 2007 .....	264
11.4. Exports/imports of goods for processing, by country .....	265
11.5. Foreign trade in services, by country .....	268
11.6. Exports/imports of services in 2007, by region .....	269
11.7. Structure of exports/imports of services in 2007 .....	270
11.8. Foreign direct investment in Ukraine in 2007 .....	271
11.9. Direct investment in Ukraine, by country .....	272
11.10. Foreign direct investment in Ukraine in 2007, by type of economic activity .....	273
11.11. Direct investment in Ukraine in 2007, by region .....	274
11.12. Direct Ukrainian investment abroad in 2007 .....	275
11.13. Direct Ukrainian investment abroad, by country .....	276
11.14. Direct Ukrainian investment abroad in 2007, by type of economic activity .....	277

## **12. WHOLESALE AND RETAIL TRADE, RESTAURANTS .....** 278

12.1. Trade and restaurant turnover .....	278
12.2. Wholesale trade turnover, by region .....	279
12.3. Commodity structure of wholesale trade turnover .....	280
12.4. Structure of deals made at exchanges .....	284
12.5. Exchanges .....	284
12.6. Basic indicators for retail turnover of enterprises .....	285
12.7. Volume indices of retail trade turnover of enterprises .....	285
12.8. Retail turnover of enterprises, by region .....	286
12.9. Per capita retail trade turnover of enterprises, volume indices .....	287
12.10. Per capita retail trade turnover of enterprises in urban and rural areas .....	287
12.11. Proportion of food and manufactured products in retail trade turnover of enterprises .....	287
12.12. Per capita retail trade turnover of enterprises, by region .....	288
12.13. Retail trade turnover of enterprises, volume indices for goods .....	289
12.14. Commodity structure of retail trade turnover of enterprises .....	290
12.15. Share of consumer goods sales (produced in Ukraine) through trade networks of enterprises .....	292
12.16. Foodstuffs sold through retail trade and restaurant network .....	294
12.17. Alcoholic beverages and tobacco products sold through retail trade and restaurant network .....	294
12.18. Per capita sales of alcoholic beverages, by region .....	295
12.19. Retail sales of durables .....	296
12.20. Retail trade enterprises and restaurants, by type of economic activity .....	296
12.21. Local units of retail trade enterprises and restaurants .....	297

12.22. Consumer goods markets .....	297
12.23. Local units of retail trade enterprises and restaurants, by region .....	298
12.24. Floor space of shops and seating capacity of restaurants, by region .....	299
<b>13. SERVICES .....</b>	<b>300</b>
13.1. Activity of service enterprises, by region .....	300
13.2. Services sold to the population, by region .....	301
13.3. Services, by type of economic activity .....	302
13.4. Structure of services, by type of economic activity .....	305
13.5. Indices for the sold services, by region .....	307
<b>14. DEVELOPMENT OF SMALL BUSINESS .....</b>	<b>308</b>
14.1. Basic indicators for small enterprises .....	309
14.2. Small enterprises in 2001–2007, by type of economic activity .....	310
14.3. Small enterprises, by type of economic activity .....	311
14.4. Share of small enterprises in the total number of enterprises, by type of economic activity .....	311
14.5. Small enterprises, by region .....	312
14.6. Share of small enterprises in the total number of enterprises, by region .....	313
14.7. Small enterprises in 2007, by type of economic activity and region .....	314
14.8. Average annual number of employees at small enterprises, by type of economic activity .....	315
14.9. Share of the average annual number of employees at small enterprises in the total number of employees, by type of economic activity .....	315
14.10. Employment at small enterprises, by region .....	316
14.11. Share of the average annual number of employees at small enterprises in the total number of employees, by region .....	317
14.12. Average annual number of employees at small enterprises in 2007, by type of economic activity and region .....	318
14.13. Volume of products (operations, services) sold by small enterprises, by type of economic activity .....	319
14.14. Share of small enterprises in the total output of products (operations, services) sold, by type of economic activity .....	319
14.15. Operational costs for the sold products (operations, services) and operational costs per unit of a product sold by small enterprises, by type of economic activity .....	320
14.16. Volume of products (operations, services) sold by small enterprises, by region .....	322
14.17. Share of small enterprises in the total output of products (operations, services) sold, by region .....	323
14.18. Volume of products (operations, services) sold by small enterprises in 2007, by type of economic activity and region .....	324
14.19. Financial outcome from usual activity of small enterprises before taxation in 2007, by type of economic activity .....	325
14.20. Financial outcome from usual activity of small enterprises before taxation in 2007, by region .....	326
<b>15. SCIENCE, INNOVATIONS AND INFORMATICS .....</b>	<b>327</b>
15.1. R&D personnel .....	329
15.2. R&D work performed by own capacities of organizations (enterprises), by type .....	329

15.3. Funding of R&D work, by source of financing .....	330
15.4. Costs of R&D work performed by own capacities of organizations, by type .....	330
15.5. Scientific staff with scientific degrees .....	330
15.6. Scientific staff with scientific degrees, by age .....	331
15.7. Scientific staff with scientific degrees leaving Ukraine for other countries .....	331
15.8. Innovation-active industrial enterprises, by type of economic activity .....	332
15.9. Total innovation costs in industry .....	333
15.10. Financing of innovation activity in industry .....	333
15.11. Industrial enterprises that introduced innovations .....	334
15.12. Introduction of advanced technological processes and development of new products in industry .....	334
15.13. Amount of innovation products sold .....	334
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 .....	335
15.15. Titles of protection received by the State Department of Intellectual Property and patent offices of other countries, by type of economic activity .....	336
15.16. Use of industrial property subjects and innovation proposals, by type of economic activity .....	338
15.17. Availability of computing equipment at organizations (enterprises) .....	339
<b>16. POPULATION .....</b>	<b>340</b>
16.1. Total population .....	342
16.2. Present population since 1913 .....	342
16.3. Resident population, by sex and age .....	343
16.4. Resident population, by sex and region .....	344
16.5. Resident population, by age group .....	345
16.6. Resident population, by main age group and region .....	346
16.7. Cities and towns with over 50 thsd. present population .....	347
16.8. Pensioners .....	349
16.9. Pensioners, by region .....	349
16.10. Crude rates of birth, death and natural increase of the population since 1913 .....	350
16.11. Births, deaths and natural population increase .....	350
16.12. Crude rates of birth, death and natural increase of the population .....	351
16.13. Births, by sex .....	351
16.14. Birth rates, by age group .....	351
16.15. Birth, death and natural population increase rates in 2007, by region .....	352
16.16. Share of children born by females not legally married .....	353
16.17. Births, by mother's marriage status and order of birth .....	353
16.18. Death rates, by age group .....	354
16.19. Death rates, by major causes of death .....	354
16.20. Death rates by major causes of death in 2007, by region .....	355
16.21. Death rates of infants under 1 year old .....	356
16.22. Mortality of infants under 1 year old, by major a causes of death .....	356
16.23. Mortality rates of infants under 1 year old, by region .....	357
16.24. Deaths due to some external causes of deaths .....	358
16.25. Life expectancy at birth .....	358
16.26. Marriages and divorces .....	359
16.27. Married persons, by pre-marriage status and sex .....	359

16.28. Divorces by the number of common children under 18 within a couple in 2007 .....	359
16.29. Divorces, by duration of marriage .....	360
16.30. Basic directions of population migration in 2007 .....	360
16.31. Population migration in 2007, by region .....	361
16.32. Ukrainian population migration to the CIS countries in 2007 .....	363
16.33. Persons with refugee status by basic age groups and by countries .....	364
<b>17. EMPLOYMENT .....</b>	<b>365</b>
17.1. Population, by economic activity .....	368
17.2. Population in 2007, by economic activity, sex and place of residence .....	368
17.3. Economically active population, by region .....	369
17.4. Employment .....	370
17.5. Employment, by type of economic activity .....	370
17.6. Employment, by region .....	371
17.7. Number of employees, by type of economic activity .....	372
17.8. Number of employees, by region .....	372
17.9. ILO unemployment, by region .....	373
17.10. Economically active population in 2007, by sex and age group .....	374
17.11. Employment rate in 2007, by sex, place of residence and age group .....	374
17.12. ILO unemployment rate in 2007, by sex, place of residence and age group .....	374
17.13. ILO unemployed, by duration of unemployment .....	375
17.14. ILO unemployed, by duration of job search .....	375
17.15. ILO unemployed, by cause of unemployment .....	376
17.16. ILO unemployed in 2007, by cause of unemployment and sex .....	376
17.17. Layoffs, by type of economic activity .....	377
17.18. Layoffs, by region .....	378
17.19. Labour demand, by type of economic activity .....	379
17.20. Demand and supply of labour force on labor market, by region .....	380
17.21. Demand and supply of labour force on registered labor market, by occupational group .....	381
17.22. Number of the unemployed per a vacant job, 2005 and 2007 .....	381
17.23. Placement of individuals not engaged in economic activity, by type of economic activity .....	382
17.24. Placement of individuals not engaged in economic activity, by region .....	383
17.25. Registered unemployment rate, by region .....	384
17.26. Duration of registered unemployment .....	385
17.27. Unemployment benefit and wages in December of 2000–2007 .....	385
17.28. Average annual number of employees, by type of economic activity .....	386
17.29. Average annual number of employees, by region .....	387
17.30. Average annual number of employees, by industrial activity .....	388
17.31. Government employees, by type of activity .....	389
17.32. Employees, by level of education and economic activity .....	390
17.33. Working pensioners, by type of pension and economic activity .....	391
17.34. Employment of youth, by type of economic activity .....	392
17.35. Staff training and skills upgrading in 2007, by type of economic activity .....	393
17.36. Staff training and skills upgrading in 2007, by region .....	394
17.37. Rate for employees' recruitment and retirement, by type of economic activity .....	395
17.38. Use of employees' working time fund in 2007, by type of economic activity .....	396
17.39. Use of employees' working time fund in 2007, by industrial activity .....	397

17.40. Labour contracts concluded, by type of economic activity .....	398
17.41. Employees' working conditions, by type of economic activity .....	399
17.42. Employees receiving compensations and benefits for working under harmful conditions, by type of economic activity .....	400
<b>18. POPULATION INCOME AND EXPENDITURE .....</b>	<b>401</b>
18.1. Population income and expenditure .....	403
18.2. Structure of population income in 2007 .....	404
18.3. Structure of population expenditure and savings in 2007 .....	404
18.4. Population income, by region .....	405
18.5. Population expenditure, by region .....	406
18.6. Average monthly wages of employees .....	407
18.7. Average monthly nominal and real wages of employees .....	407
18.8. Distribution of employees in December of 2005–2007, by nominal wages .....	408
18.9. Average monthly nominal wages of employees, by type of economic activity .....	408
18.10. Average monthly nominal wages of employees, by industrial activity .....	409
18.11. Average monthly nominal wages of employees, by region .....	410
18.12. The number and nominal wages of employees in 2007, by sex and type of economic activity .....	411
18.13. Average monthly pension .....	412
18.14. Differentiation of household living standards .....	413
18.15. Households, by size and number of children .....	413
18.16. Households with children, by number of children .....	414
18.17. Population, by per capita money income .....	414
18.18. Households, by per capita money income .....	415
18.19. Households in 2007, by per capita money income, household size and number of children .....	416
18.20. Structure of household money expenditure .....	417
18.21. Structure of household money expenditure, by household size .....	417
18.22. Structure of money expenditure for households with children, by number of children .....	418
18.23. Structure of household money expenditure in 2007, by per capita income .....	418
18.24. Population, by total per capita income .....	419
18.25. Households, by total per capita income .....	420
18.26. Households in 2007, by total per capita income, household size and number of children .....	421
18.27. Structure of total household expenditure .....	422
18.28. Structure of total household expenditure, by household size .....	422
18.29. Structure of total expenditure for households with children, by number of children .....	423
18.30. Structure of total household expenditure in 2007, by different total per capita income .....	423
18.31. Structure of household expenditure in 2007, by basic consumption expenditure .....	424
18.32. Structure of household money income .....	425
18.33. Structure of household money income, by household size .....	425
18.34. Structure of money income for households with children, by number of children .....	426
18.35. Structure of household money income in 2007, by per capita money income .....	426
18.36. Structure of household total resources .....	427
18.37. Structure of household total resources, by household size .....	428

18.38. Structure of total resources of households with children, by number of children .....	429
18.39. Structure of household total resources in 2007, by total per capita income .....	430
18.40. Foodstuffs consumed by households .....	431
18.41. Foodstuffs consumed by households, by household size .....	431
18.42. Foodstuffs consumed by households with children, by number of children within household .....	432
18.43. Foodstuffs consumed by households in 2007, by total per capita income .....	432
18.44. Foodstuffs consumed by households, by quintile (20 %) group and total per capita income .....	433
18.45. Foodstuffs consumed .....	434
18.46. Consumed nutrients .....	435
18.47. Availability of selected durables in households .....	435
18.48. Privately owned passenger cars, by region .....	436
18.49. Liabilities of banks on the funds of natural persons .....	437
18.50. Liabilities of banks on the funds of natural persons in 2007, by region .....	437
 <b>19. HOUSING CONDITIONS OF THE POPULATION .....</b>	<b>438</b>
19.1. Housing stock .....	439
19.2. Number of apartment applicants and improvement of housing conditions .....	439
19.3. Privatization of state dwelling stock in 2007, by region .....	440
19.4. Families and single persons registered as requiring housing in urban areas, by region .....	441
19.5. Families and single persons who obtained housing and improved their housing conditions in urban areas, by region .....	442
19.6. Housing stock facilities .....	443
19.7. Improving housing amenities in settlements .....	443
19.8. Housing stock, by region .....	444
19.9. Possession of housing by the population, by region .....	446
 <b>20. EDUCATION .....</b>	<b>448</b>
20.1. Pre-school educational institutions .....	449
20.2. Pre-school educational institutions, by region .....	450
20.3. Children enrolled in pre-school educational institutions, by region .....	451
20.4. Children in pre-school educational institutions, by language of instruction and region .....	452
20.5. Secondary educational institutions and institutions of higher education for 1914–2007 .....	453
20.6. Enrollment in educational institutions .....	454
20.7. Secondary educational institutions .....	454
20.8. Secondary educational institutions, by region .....	455
20.9. Secondary educational institutions at the beginning of 2007/08, by region .....	456
20.10. Day secondary educational institutions of new type at the beginning of 2007/08, by region .....	457
20.11. Day secondary educational institutions .....	458
20.12. Attendance by shift in day secondary educational institutions .....	458
20.13. Pupils of secondary educational institutions, by language of instruction and region .....	459
20.14. Night (part-time) secondary educational institutions .....	459
20.15. Pupils graduating from secondary educational institutions .....	460
20.16. Professional training institutions .....	460
20.17. Skilled workers graduating from professional training institutions, by region .....	461
20.18. Institutions of higher education .....	462

20.19. Competitive examinations to institutions of higher education .....	462
20.20. Admission to institutions of higher education and training of specialists in 2007, by source of funds required for their training and educational and qualification levels .....	463
20.21. Institutions of higher education of the 1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation, by region .....	463
20.22. Students in institutions of higher education of the 1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation, by language of instruction and region .....	464
20.23. Institutions of higher education of the 3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation, by region .....	465
20.24. Students in institutions of higher education of the 3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation, by language of instruction and region .....	466
20.25. Training of postgraduate students .....	467
20.26. Training of doctoral students .....	467

## **21. HEALTH CARE AND SOCIAL AID ..... 468**

21.1. Health care establishments, facilities and personnel .....	469
21.2. Basic health care indicators .....	470
21.3. Physicians of all specializations, by region .....	471
21.4. Paramedical personnel, by region .....	472
21.5. Hospital beds, by region .....	473
21.6. Planned capacity of out-patient and polyclinic institutions, by region .....	474
21.7. Morbidity, by disease .....	475
21.8. Incidence of selected infectious diseases .....	476
21.9. New HIV infections and number of persons registered as HIV positive .....	476
21.10. HIV infected and HIV positive, by region .....	477
21.11. Incidence of malignant tumors .....	478
21.12. Incidence of malignant tumors in 2007, by location .....	478
21.13. Incidence of mental illness .....	479
21.14. Incidence of active tuberculosis .....	479
21.15. Incidence of active tuberculosis, by region .....	480
21.16. Incidence of illnesses due to drug addiction .....	481
21.17. Incidence of venereal disease .....	481
21.18. Abortions .....	482
21.19. Industrial injuries .....	482
21.20. Industrial injuries, by region .....	483
21.21. Industrial deaths, by region .....	484
21.22. Disabled persons, by region .....	485
21.23. Persons declared disabled for the first time in 2007, by cause of disability .....	486
21.24. Persons declared disabled for the first time, by region .....	487
21.25. Boarding houses for the aged and disabled (adults and children) .....	487
21.26. Boarding houses for the aged and disabled (adults and children), by region .....	488
21.27. Target cash benefit to low-income persons incapable of working in 2007 .....	489
21.28. Cash and in-kind assistance to low-income persons incapable of working in 2007 .....	489
21.29. Selected boarding schools and establishments for social protection of children .....	490
21.30. Adopted orphans and children deprived of parents' guardianship .....	490
21.31. Children who were in centers of social and psychological rehabilitation and shelter-care facilities for minors .....	491
21.32. Subsidies to the population in 2007, by region .....	492

## **22. CULTURE, LEISURE, SPORT AND TOURISM ..... 493**

22.1. Basic establishments of culture and art in 1913–2007 .....	494
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22.2. Theatres, concert organizations and museums .....	495
22.3. Libraries, movie demonstrators and cultural establishments .....	495
22.4. Cultural and arts establishments in 2007, by region .....	496
22.5. Availability of cultural establishments, by region .....	497
22.6. Attendance at cultural and arts establishments, by region .....	498
22.7. Schools of music, dance and fine arts .....	499
22.8. Publication of books, magazines and newspapers .....	499
22.9. Exhibition activity .....	499
22.10. Local television and radio programmes of state broadcasting companies in 2007, by region .....	500
22.11. Sanatorium-and-spa institutions, recreational facilities .....	501
22.12. Sanatoria and rest institutions with medical care, boarding and leisure facilities, by region .....	502
22.13. Health camps for children in 2007, by region .....	503
22.14. Sports school for children, by region .....	504
22.15. Sports facilities .....	505
22.16. Tourist flows .....	505
22.17. Hotels and other establishments for short-term stay, by region .....	506
22.18. Service facilities in hotels and other places for short-term stay, by region .....	507
22.19. Capacities of hotels and other places for short-term stay, by region .....	508
<b>23. CRIMINAL JUSTICE .....</b>	<b>509</b>
23.1. Registered crimes, by selected category .....	510
23.2. Registered crimes, by region .....	510
23.3. Crimes related to narcotics and other harmful drugs .....	511
23.4. The convicted by enforced court's verdict, by selected crime .....	511
23.5. The convicted by enforced court's verdict, by region .....	512
23.6. Composition of the convicted .....	513
23.7. The convicted, by major type of sentence .....	513
23.8. Share of young people (below 30 years of age), convicted for selected crimes .....	514
23.9. Share of minors convicted for selected crimes .....	515
23.10. Institutions executing sentences and number of prisoners who serve their sentences according to court's verdicts .....	516
23.11. Number and composition of minors who were registered by units of criminal police in juvenile delinquency cases .....	516
23.12. Persons indicted for administrative offences, by category of law violation .....	517
23.13. Consideration of cases (applications) by courts of first instance in the procedure of civil justice ....	518
23.14. State notary services .....	518
23.15. Fires, basic indicators .....	519
23.16. Fires, by cause .....	519
<b>24. NATURAL RESOURCES AND ENVIRONMENT PROTECTION .....</b>	<b>520</b>
<b>Land .....</b>	<b>522</b>
24.1. Lands of Ukraine .....	522
24.2. Preserves and national nature parks .....	522
24.3. Damaged and re-cultivated land .....	522
24.4. Land protection operations .....	523
24.5. Liming and plastering of soils .....	523



<b>Water resources</b>	524
24.6. Water supply and water drainage, basic indicators	524
24.7. Fresh water consumption, by region	524
24.8. Recycled and reused water, by region	525
24.9. Polluted waste waters drained into the natural surface water basins in 2007, by region	526
<b>Atmosphere</b>	527
24.10. Emission of pollutants and greenhouse gases into the atmosphere	527
24.11. Emission of pollutants into the atmosphere, by region	528
24.12. Emission of pollutants into the atmosphere from stationary sources and road vehicles, by region	529
24.13. Stationary pollutant emissions into the atmosphere in 2007, by type of economic activity	530
24.14. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns	531
24.15. Pollutant emissions into the atmosphere from movable sources of pollution in 2007, by region	534
24.16. Implementation of air protection measures in 2007	535
<b>Wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category</b>	536
24.17. Basic indicators for the treatment of wastes of 1 <sup>st</sup> –3 <sup>rd</sup> hazard category	536
24.18. Generation of wastes of 1 <sup>st</sup> –3 <sup>rd</sup> hazard category, by hazard category	536
24.19. Stock of wastes of 1 <sup>st</sup> –3 <sup>rd</sup> hazard category at special sites or facilities and on the territory of the enterprises, by hazard category	536
24.20. Generation of wastes of 1 <sup>st</sup> –3 <sup>rd</sup> hazard category, by region	537
24.21. Stock of wastes of 1 <sup>st</sup> –3 <sup>rd</sup> hazard category at special sites or facilities and on the territory of the enterprises, by region	538
<b>Use of environment, economic indicators</b>	539
24.22. Capital investment and current costs for environmental protection	539
24.23. Structure of capital investment for environmental protection, by purpose	539
24.24. Structure of current costs for environmental protection, by purpose	540
24.25. Selected capacities for environmental protection put into service	540
24.26. Ecological payments	541
<b>25. INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES</b>	542
25.1. Population	542
25.2. Crude birth rate	544
25.3. Crude death rate	546
25.4. Population crude rate	548
25.5. Life expectancy at birth by sex	550
25.6. Unemployment rate	552
25.7. GDP	554
25.8. GDP annual growth rate	556
25.9. GDP per capita	558
25.10. Indices for industrial production	560
25.11. Consumer price indices	562
25.12. Industrial producer price indices	564
<b>INDEX</b>	566

## 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.

<b>Population</b>	46,4 mln.
<b>Area</b>	603,5 thsd. sq. km (source: the State Committee of Ukraine of Land Resources)
<b>Length</b>	
from West to East	1316 km
from North to South	893 km
of borders	6500 km
<b>Extreme border locations</b>	
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.

<b>Annual rainfall in 2007</b>		<i>(source: the Ukrainian Hydrometeorological center; mm)</i>	
Steppe	414	Forest	734
Forest-steppe	580	Kyiv city	636

Air temperature		(source: the Ukrainian Hydrometeorological center; °C)
Average monthly air temperature in 2007		
	January	July
Steppe	2,9	24,4
Forest–steppe	1,7	21,5
Forest	2,3	20,0
Kyiv city	2,1	21,3

In 2007 the absolute minimum of air temperature was minus 26<sup>0</sup> in February in the Sumy and Chernihiv oblasts.

In 2007 the absolute maximum of air temperature was plus 42<sup>0</sup> in July in the Odesa oblast.

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

Of the total religious organisations registered at the beginning of 2008, 17017 were Orthodox, 4736 Catholic, 8907 Protestant, 290 communities of Judaic denomination, 525 Moslem, 89 of Eastern cults, 454 other. In addition, 1823 religious organisations operated unofficially.

## 1.3. Registered public associations

*(as of January 1, 2008)*

	Registered public associations	Official status	
		international	all-Ukrainian
<b>Total</b>	<b>2819</b>	<b>592</b>	<b>2227</b>
Political parties	141	—	141
Non-profit organizations	2678	592	2086
People's Rukhs (movements)	10	4	6
Ethnic societies and associations for friendly cooperation	164	68	96
Youth associations	186	16	170
of which, student associations	16	—	16
Children's associations	14	1	13
Women's associations	46	4	42
Associations of veterans and disabled	80	12	68
of which, associations of war veterans and disabled	12	—	12
Professional associations	526	72	454
Environment protection (ecological) associations/societies	62	21	41
Societies for protection of memorials and relics	4	1	3
Health, sports and physical training associations	330	30	300
Associations for protection of people from the Chernobyl disaster consequences	37	23	14
Scientific and technological societies, artistic unions	154	40	114
Educational and cultural associations	208	53	155
Other non-profit organizations	857	247	610
In addition: unions of public associations	115	11	104
charity organizations (associations, funds and other)	941	602	339
trade union organizations	127	—	127

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

**1.4. Total area and present population, by region**

*(as of January 1, 2008)*

	Area <sup>1</sup> , thsd. sq. km	Population, thsd.	Of which		Share of urban population	Population density, persons per 1 sq. km
			urban	rural		
<b>Ukraine</b>	<b>603,5</b>	<b>46372,7</b>	<b>31668,8</b>	<b>14703,9</b>	<b>68,3</b>	<b>77</b>
Autonomous Republic of Crimea	26,1	1971,1	1240,5	730,6	62,9	76
<b>oblasts</b>						
Vinnitsya	26,5	1672,2	812,9	859,3	48,6	63
Volyn	20,1	1036,4	530,2	506,2	51,2	51
Dnipropetrovsk	31,9	3398,4	2836,2	562,2	83,5	106
Donetsk	26,5	4538,9	4104,4	434,5	90,4	171
Zhytomyr	29,8	1305,5	747,4	558,1	57,3	44
Zakarpattia	12,8	1242,6	461,4	781,2	37,1	97
Zaporizhzhya	27,2	1832,9	1403,3	429,6	76,6	67
Ivano-Frankivsk	13,9	1382,6	593,3	789,3	42,9	99
Kyiv	28,1	1737,3	1048,8	688,5	60,4	62
Kirovohrad	24,6	1039,7	637,7	402,0	61,3	42
Luhansk	26,7	2355,4	2038,4	317,0	86,5	88
Lviv	21,8	2559,8	1548,0	1011,8	60,5	117
Mykolayiv	24,6	1203,6	812,5	391,1	67,5	49
Odesa	33,3	2394,7	1589,7	805,0	66,4	72
Poltava	28,8	1524,9	920,5	604,4	60,4	53
Rivne	20,1	1152,0	547,8	604,2	47,5	57
Sumy	23,8	1196,8	797,1	399,7	66,6	50
Ternopil	13,8	1098,6	474,3	624,3	43,2	79
Kharkiv	31,4	2795,9	2227,4	568,5	79,7	89
Kherson	28,5	1107,5	676,3	431,2	61,1	39
Khmelnyskiy	20,6	1350,3	721,8	628,5	53,5	65
Cherkasy	20,9	1315,5	730,0	585,5	55,5	63
Chernivtsi	8,1	904,5	375,1	529,4	41,5	112
Chernihiv	31,9	1135,9	697,1	438,8	61,4	36
<b>cities</b>						
Kyiv	0,8	2740,2	2740,2	×	100,0	3279
Sevastopol <sup>2</sup>	0,9	379,5	356,5	23,0	94,0	439

<sup>1</sup> Source: the State Committee of Ukraine for Land Resources

<sup>2</sup> 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, 2008)*

	Rayons	Cities and towns		City districts	Townships	Villages
		total	of which have special, republican and oblast status			
<b>Ukraine</b>	<b>490</b>	<b>458</b>	<b>179</b>	<b>118</b>	<b>886</b>	<b>28504</b>
Autonomous Republic of Crimea	14	16	11	3	56	950
<b>oblasts</b>						
Vinnitsya	27	18	6	3	29	1466
Volyn	16	11	4	—	22	1054
Dnipropetrovsk	22	20	13	18	46	1438
Donetsk	18	52	28	21	131	1121
Zhytomyr	23	11	5	2	43	1620
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	26	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	1129
Poltava	25	15	5	5	21	1825
Rivne	16	11	4	—	16	1000
Sumy	18	15	7	2	20	1474
Ternopil	17	18	1	—	17	1022
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	15	3	2	30	1486
<b>cities</b>						
Kyiv	—	1	1	10	—	—
Sevastopol <sup>1</sup>	—	2	1	4	1	29

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

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

**1.6. Basic social and economic indicators**

	2000	2001	2002	2003	2004	2005	2006	2007
Gross domestic product (at current prices), mln. UAH	170070	204190	225810	267344	345113	441452	544153	712945
per capita, UAH	3436	4195	4685	5591	7273	9372	11630	15329
Fixed assets (at current prices, end of year), bln. UAH	829	915	965	1026	1141	1276	1569	1970
Population income, mln. UAH	128736	157996	185073	215672	274241	381404	472061	614984
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
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
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
Consolidated budget, bln. UAH								
Revenue	49,1	54,9	61,9	75,3	91,5	134,2	171,8	219,9
Expenditure	48,1	55,5	60,3	75,8	102,5	142,0	175,5	227,6
Deficit	-1,0 <sup>1</sup>	0,6	-1,6 <sup>1</sup>	0,5	11,0	7,8	3,7	7,7
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
Industrial products sold (at current prices), bln. UAH	182,7	210,8	229,6	289,1	400,8	468,6	551,7	717,1
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
Crop cultivation	43,6	49,1	48,1	41,1	55,6	54,0	54,9	49,7
Livestock breeding	34,3	36,7	38,7	36,2	36,9	38,6	40,0	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
Residential buildings 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
Freight shipped by all type of carriers <sup>2</sup> , bln. t	1,5	1,6	1,6	1,7	1,7	1,8	1,9	2,0
Passenger departure (transportation) by transport of general use <sup>3</sup> , bln.	7,8	7,7	7,7	7,7	8,0	8,2	8,2	8,2
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
Services sold <sup>4</sup> , bln. UAH	—	40,2	47,0	56,7	74,4	95,8	120,9	159,6
Exports of goods and services, bln. USD	18,1	19,8	22,0	27,3	38,0	40,4	45,9	58,3
Imports of goods and services, bln. USD	15,1	16,9	18,2	24,5	31,1	39,1	48,8	65,6
Resident population (end of year), mln.	48,7	48,2	47,8	47,4	47,1	46,7	46,5	46,2
Natural increase, decrease (–) in population, thsd.	–373,0	–369,5	–364,2	–356,8	–334,0	–355,9	–297,7	–290,2
Total employed <sup>5</sup> , thsd.	20175,0	19971,5	20091,2	20163,3	20295,7	20680,0	20730,4	20904,7
Unemployed (ILO methodology) <sup>5</sup> , thsd.	2655,8	2455,0	2140,7	2008,0	1906,7	1600,8	1515,0	1417,6

# BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Table 1.6 is continued

	2000	2001	2002	2003	2004	2005	2006	2007
Unemployment rate (ILO methodology) <sup>5</sup> , percent	11,6	10,9	9,6	9,1	8,6	7,2	6,8	6,4
Registered unemployed (end of year), thsd.	1155,2	1008,1	1034,2	988,9	981,8	881,5	759,5	642,3
Registered unemployment rate <sup>5</sup> , percent	4,1	3,6	3,7	3,5	3,5	3,1	2,7	2,3
Average monthly nominal wages <sup>6</sup> , UAH	230	311	376	462	590	806	1041	1351

<sup>1</sup> Surplus

<sup>2</sup> Since 2002, including commercial cargo transportation by motor vehicles carried out by natural persons

<sup>3</sup> Including passenger transportation by motor vehicles carried out by natural and legal entities of small business

<sup>4</sup> Including VAT

<sup>5</sup> See methodology notes to Chapter 17

<sup>6</sup> Excluding employees of statistically small enterprises and those employed by natural persons-entrepreneurs

## 1.7. Indices of basic social and economic indicators

(percent of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
Gross domestic product (at comparable prices)	87,8	105,9	109,2	105,2	109,6	112,1	102,7	107,3	107,6
per capita	88,5	106,7	111,1	106,3	110,5	113,0	103,5	108,1	108,3
Fixed assets	99,0	101,0	102,4	101,1	103,3	104,2	103,7	104,9	104,3
Population income	526,3	131,2	122,7	117,1	116,5	127,2	139,1	123,8	130,3
Financial outcome from usual activity before taxation	365,3 <sup>1</sup>	...	134,5	78,1	134,2	226,9	144,4	118,5	178,2
Industrial production <sup>2</sup>	88,0	113,2	114,2	107,0	115,8	112,5	103,1	106,2	110,2
Agricultural production	96,4	109,8	110,2	101,2	89,0	119,7	100,1	102,5	93,5
Fixed capital investment	71,5	114,4	120,8	108,9	131,3	128,0	101,9	119,0	129,8
Residential buildings put into service	85,8	90,4	106,8	102,3	105,9	117,6	103,3	110,4	118,7
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
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
Retail trade turnover of enterprises	86,1	108,1	113,7	115,0	120,5	121,9	123,4	126,4	129,5
Services sold (at comparable prices)	...	...	...	107,3	116,1	124,4	116,4	113,5	115,7
Exports of goods and services	...	118,8	109,7	111,1	124,1	139,0	106,3	113,7	127,2
Imports of goods and services	...	116,6	112,0	107,4	134,7	126,9	125,8	124,8	134,5
Resident population (end of year)	99,2	99,1	99,1	99,1	99,2	99,3	99,3	99,4	99,4
Total employed	—	101,1	99,0	100,6	100,4	100,7	101,9	100,2	100,8
Unemployed (ILO methodology)	—	101,6	92,4	87,2	93,8	95,0	84,0	94,6	93,6
Registered unemployed (end of year)	154,3	98,4	87,3	102,6	95,6	99,3	89,8	86,2	84,6
Average monthly wages									
Nominal	514,2	129,6	135,2	121,0	122,8	127,5	136,7	129,2	129,7
Real	110,6	99,1	119,3	118,2	115,2	123,8	120,3	118,3	112,5

<sup>1</sup> Balance sheet surplus

<sup>2</sup> 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 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 the previous year	as a percentage of 1990	as a percentage of the previous year
1990	167 <sup>1</sup>	3 <sup>2</sup>	...	...	100,0	...
1995	5451642 <sup>1</sup>	105793 <sup>2</sup>	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 <sup>3</sup>	712945	15329	107,6	108,3	72,4	121,7

<sup>1</sup> Bln. KRB

<sup>2</sup> Thsd. KRB

<sup>3</sup> 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		
					labor 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 <sup>1</sup>	113142	65788	47354	9882	-2064	39536
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 <sup>1</sup>	57175	27255	29920	20777	-3172	12315
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 <sup>1</sup>	586447	439984	146463	82397	3753	60313

NATIONAL ACCOUNTS

Table 2.2 is continued

	Year	Output	Inter- mediate consump- tion	Gross value added	Of which		
					labor 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 <sup>1</sup>	60617	35621	24996	16029	80	8887
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 <sup>1</sup>	92788	61004	31784	20661	489	10634
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 <sup>1</sup>	160980	69441	91539	34263	2348	54928
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 <sup>1</sup>	132048	63417	68631	36520	624	31487
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 <sup>1</sup>	46473	10370	36103	32153	59	3891
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 <sup>1</sup>	37193	14612	22581	19546	11	3024

NATIONAL ACCOUNTS

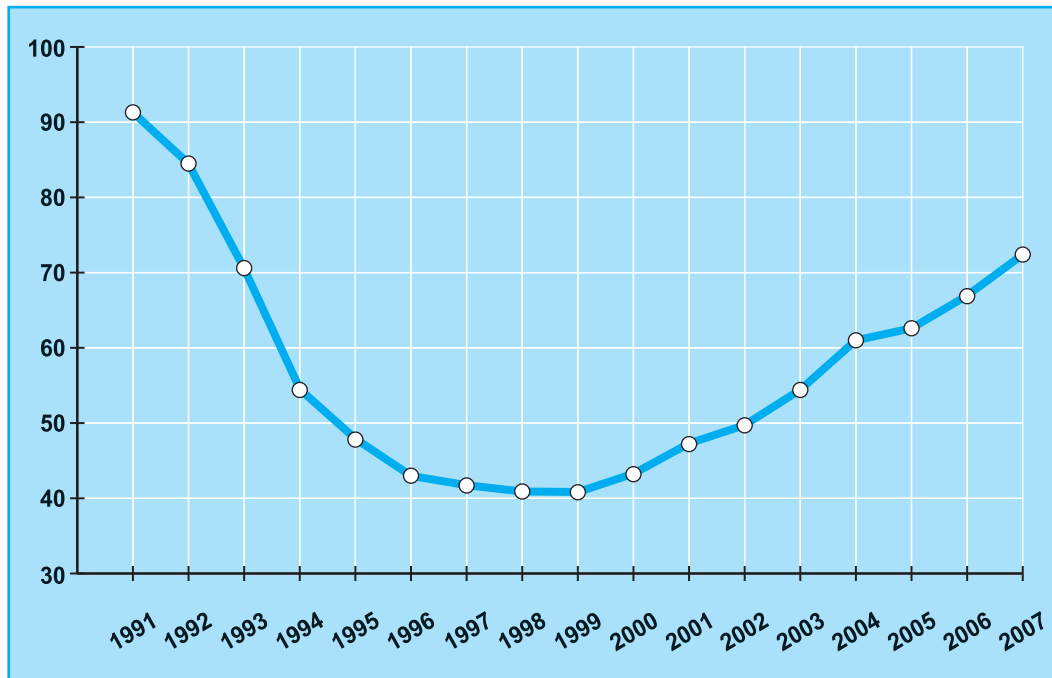
*Table 2.2 is continued*

	Year	Output	Inter- mediate consump- tion	Gross value added	Of which		
					labor 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 <sup>1</sup>	240123	90451	149672	82919	1128	65625
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 <sup>1</sup>	×	22098	-22098	×	×	-22098
<b>Total</b> (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 <sup>1</sup>	1526986	900041	626945	355147	3256	268542
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 <sup>1</sup>	86000	×	86000	×	86000	×
<b>Gross domestic product</b> (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 <sup>1</sup>	1612986	900041	712945	355147	89256	268542

<sup>1</sup> See the third footnote to Table 2.1

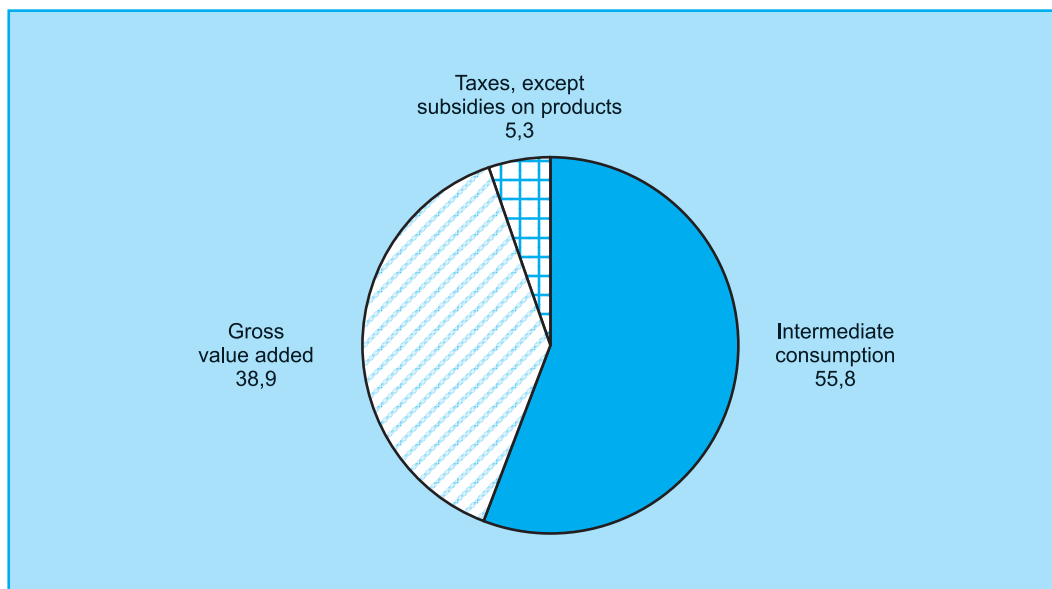
### 2.3. GDP, volume indices

(percentage of 1990)



### 2.4. Output structure at market prices in 2007

(percentage of output)



NATIONAL ACCOUNTS

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007 <sup>1</sup>
	bln. KRB	mln. UAH							
At current prices									
Gross domestic product	5451642	170070	204190	225810	267344	345113	441452	544153	712945
Final consumption expenditure	4165054	127982	156344	170325	201624	245556	337879	424906	560618
of households	2709374	92406	112260	124560	146301	180399	252624	319383	422837
of non-profit institutions providing services to households	296135	3909	4017	4226	4493	4547	4727	5173	5843
of general government	1159545	31667	40067	41539	50830	60610	80528	100350	131938
individual consumption expenditure	713839	19572	23707	24803	29936	36767	49418	61125	81343
collective consumption expenditure	445706	12095 <sup>2</sup>	16360	16736	20894	23843	31110	39225	50595
Gross fixed capital formation	1269154	33427	40211	43289	55075	77820	96965	133874	195179
Changes in inventories	178734	−42	4229	2209	3661	−4883	2736	655	−3394
Acquisition, less disposal of valuables	6785	146	85	96	115	133	175	211	316
Exports of goods and services	2566265	106200	113245	124392	154394	219607	227252	253707	323205
Imports of goods and services	−2734350	−97643	−109924	−114501	−147525	−193120	−223555	−269200	−362979

NATIONAL ACCOUNTS

Table 2.5 is continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007 <sup>1</sup>
	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
Final consumption expenditure	76,4	75,2	76,6	75,4	75,4	71,2	76,5	78,1	78,6
of households	49,7	54,3	55,0	55,1	54,7	52,3	57,2	58,7	59,3
of non-profit institutions providing services to households	5,4	2,3	2,0	1,9	1,7	1,3	1,1	1,0	0,8
of general government	21,3	18,6	19,6	18,4	19,0	17,6	18,2	18,4	18,5
individual consumption expenditure	13,1	11,5	11,6	11,0	11,2	10,7	11,2	11,2	11,4
collective consumption expenditure	8,2	7,1 <sup>2</sup>	8,0	7,4	7,8	6,9	7,0	7,2	7,1
Gross fixed capital formation	23,3	19,7	19,7	19,2	20,6	22,6	22,0	24,6	27,4
Changes in inventories	3,3	0,0	2,1	1,0	1,4	-1,4	0,6	0,1	-0,4
Acquisition, less disposal of valuables	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Exports of goods and services	47,1	62,4	55,4	55,1	57,8	63,6	51,5	46,6	45,3
Imports of goods and services	-50,2	-57,4	-53,8	-50,7	-55,2	-56,0	-50,6	-49,4	-50,9

<sup>1</sup> See the third footnote to Table 2.1

<sup>2</sup> 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 <sup>1</sup>
<b>Gross domestic product</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Labor remuneration of employees	43,5	42,3	42,3	45,7	45,7	45,6	49,1	49,4	49,8
Taxes less subsidies on production and imports	19,1	16,8	13,4	12,2	11,3	10,2	12,7	13,5	12,5
on products	10,6	15,2	11,6	10,9	10,1	9,3	12,0	12,9	12,1
other, related to production	8,5	1,6	1,8	1,3	1,2	0,9	0,7	0,6	0,4
Gross operating surplus, mixed income	37,4	40,9	44,3	42,1	43,0	44,2	38,2	37,1	37,7

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

<sup>1</sup> See the second footnote to Table 2.5

### PRODUCTION ACCOUNT

(at current prices)

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

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
	bln. KRB	mln. UAH						
Resources								
Gross domestic product (at market prices)	5451642	170070	204190	225810	267344	345113	441452	544153
<b>Total</b>	<b>5451642</b>	<b>170070</b>	<b>204190</b>	<b>225810</b>	<b>267344</b>	<b>345113</b>	<b>441452</b>	<b>544153</b>
Uses								
Labor remuneration of employees	2371770	71930	86440	103117	122188	157450	216600	268631
Taxes on production and imports	1332805	31707	30720	30764	34277	40018	62777	82377
Subsidies on production and imports	-293064	-3184	-3456	-3125	-4030	-4855	-6700	-8891
Gross operating surplus, mixed income	2040131	69617	90486	95054	114909	152500	168775	202036
<b>Total</b>	<b>5451642</b>	<b>170070</b>	<b>204190</b>	<b>225810</b>	<b>267344</b>	<b>345113</b>	<b>441452</b>	<b>544153</b>
Net operating surplus, mixed income	1044588	39394	56183	58894	76024	105924	118230	143771

**Allocation of primary income account**

*(at current prices)*

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

NATIONAL ACCOUNTS

**SECONDARY DISTRIBUTION OF INCOME ACCOUNT**

(at current prices)

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

**USE OF INCOME ACCOUNTS**

**Use of disposable income account**

(at current prices)

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

<sup>1</sup> 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
	bln. KRB	mln. UAH						
Changes in liabilities and net wealth								
Net savings	270803	11673	17945	26472	35445	63232	62817	68715
Capital transfers received from other countries	724	...	...	112	59	101	71	101
Capital transfers paid to other countries	...	...	...	...	-1	...	-112	-96
<b>Total</b> (changes in net wealth on account of savings and capital transfers)	<b>271527</b>	<b>11673</b>	<b>17945</b>	<b>26584</b>	<b>35503</b>	<b>63333</b>	<b>62776</b>	<b>68720</b>
Changes in assets								
Gross fixed capital formation	1269154	33427	40211	43289	55075	77820	96965	133874
Fixed capital consumption	-995543	-30223	-34303	-36160	-38885	-46576	-50545	-58265
Changes in inventories	178734	-42	4229	2209	3661	-4883	2736	655
Acquisition, less disposal of valuables	6785	146	85	96	115	133	175	211
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
<b>Total</b>	<b>271527</b>	<b>11673</b>	<b>17945</b>	<b>26584</b>	<b>35503</b>	<b>63333</b>	<b>62776</b>	<b>68720</b>

FINANCIAL ACCOUNT

(at current prices; mln. UAH)

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

NATIONAL ACCOUNTS

**2.8. National accounts by institutional sector of the economy, 2006**

**PRODUCTION ACCOUNT**

*(at current prices; mln. UAH)*

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
<b>Resources</b>							
Output (at basic prices)	903211	36473	104287	133035	5173	0	1182179
<b>Total</b>	<b>903211</b>	<b>36473</b>	<b>104287</b>	<b>133035</b>	<b>5173</b>	<b>0</b>	<b>1182179</b>
<b>Uses</b>							
Intermediate consumption	592090	11379	30817	58576	2185	13009	708056
Gross value added	311121	25094	73470	74459	2988	-13009	474123
<b>Total</b>	<b>903211</b>	<b>36473</b>	<b>104287</b>	<b>133035</b>	<b>5173</b>	<b>0</b>	<b>1182179</b>
Fixed capital consumption	-46287	-1581	-8976	-466	-955		-58265
Net value added	264834	23513	64494	73993	2033	-13009	415858

**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
<b>Resources</b>							
Gross value added	311121	25094	73470	74459	2988	-13009	474123
<b>Total</b>	<b>311121</b>	<b>25094</b>	<b>73470</b>	<b>74459</b>	<b>2988</b>	<b>-13009</b>	<b>474123</b>
<b>Uses</b>							
Labor remuneration of employees	186530	12208	64405	3632	1856		268631
Other taxes related to production	8747	486	89	1260	177		10759
Other subsidies related to production	-7218	—	—	-85	—		-7303
Gross operating surplus, mixed income	123062	12400	8976	69652	955	-13009	202036
<b>Total</b>	<b>311121</b>	<b>25094</b>	<b>73470</b>	<b>74459</b>	<b>2988</b>	<b>-13009</b>	<b>474123</b>
Net operating surplus, mixed income	76775	10819	0	69186	0	-13009	143771

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
<b>Resources</b>							
Gross operating surplus, mixed income	123062	12400	8976	69652	955	-13009	202036
Labor remuneration of employees				271313			271313
Taxes on production and imports			82379				82379
on products			71618				71618
other, related to production			10761				10761
Subsidies on production and imports			-8891				-8891
on products			-1588				-1588
other, related to production			-7303				-7303
Income from ownership	1367	36618	10256	13855	33		62129
Adjustment for financial intermediation		-13009				13009	0
<b>Total</b>	<b>124429</b>	<b>36009</b>	<b>92720</b>	<b>354820</b>	<b>988</b>	<b>0</b>	<b>608966</b>
<b>Uses</b>							
Income from ownership	41842	18497	4778	8374	16		73507
Gross balance of primary income	82587	17512	87942	346446	972	0	535459
<b>Total</b>	<b>124429</b>	<b>36009</b>	<b>92720</b>	<b>354820</b>	<b>988</b>	<b>0</b>	<b>608966</b>
Net balance of primary income	36300	15931	78966	345980	17	0	477194

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
<b>Resources</b>							
Gross balance of primary income	82587	17512	87942	346446	972	0	535459
Current taxes on income, property, etc.			49222				49222
Social insurance contributions	4430	179	71206		28		75843
Social aid, except aid in kind				103092			103092
Other current transfers	1594	3031	18119	14510	4635		41889
<b>Total</b>	<b>88611</b>	<b>20722</b>	<b>226489</b>	<b>464048</b>	<b>5635</b>	<b>0</b>	<b>805505</b>
<b>Uses</b>							
Current taxes on income, property, etc.	23564	1818	—	23396			48778
Social insurance contributions	2432		84	73327			75843
Social aid, except aid in kind	4430	179	98434		55		103098
Other current transfers	4750	3047	14830	3273	...		25900
Gross disposable income	53435	15678	113141	364052	5580	0	551886
<b>Total</b>	<b>88611</b>	<b>20722</b>	<b>226489</b>	<b>464048</b>	<b>5635</b>	<b>0</b>	<b>805505</b>
Net disposable income	7148	14097	104165	363586	4625	0	493621

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
<b>Resources</b>							
Gross disposable income	53435	15678	113141	364052	5580	0	551886
Social transfers in kind				66298			66298
<b>Total</b>	<b>53435</b>	<b>15678</b>	<b>113141</b>	<b>430350</b>	<b>5580</b>	<b>0</b>	<b>618184</b>
<b>Uses</b>							
Social transfers in kind			61125		5173		66298
Gross adjusted disposable income	53435	15678	52016	430350	407	0	551886
<b>Total</b>	<b>53435</b>	<b>15678</b>	<b>113141</b>	<b>430350</b>	<b>5580</b>	<b>0</b>	<b>618184</b>
Net adjusted disposable income	7148	14097	43040	429884	-548	0	493621

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
<b>Resources</b>							
Gross disposable income	53435	15678	113141	364052	5580	0	551886
<b>Total</b>	<b>53435</b>	<b>15678</b>	<b>113141</b>	<b>364052</b>	<b>5580</b>	<b>0</b>	<b>551886</b>
<b>Uses</b>							
Final consumption expenditure			100350	319383	5173		424906
individual			61125	319383	5173		385681
collective			39225				39225
Gross savings	53435	15678	12791	44669	407	0	126980
<b>Total</b>	<b>53435</b>	<b>15678</b>	<b>113141</b>	<b>364052</b>	<b>5580</b>	<b>0</b>	<b>551886</b>
Net savings	7148	14097	3815	44203	-548	0	68715

**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
<b>Resources</b>							
Gross adjusted disposable income	53435	15678	52016	430350	407	0	551886
<b>Total</b>	<b>53435</b>	<b>15678</b>	<b>52016</b>	<b>430350</b>	<b>407</b>	<b>0</b>	<b>551886</b>
<b>Uses</b>							
Actual final consumption			39225	385681			424906
individual				385681			385681
collective			39225				39225
Gross savings	53435	15678	12791	44669	407	0	126980
<b>Total</b>	<b>53435</b>	<b>15678</b>	<b>52016</b>	<b>430350</b>	<b>407</b>	<b>0</b>	<b>551886</b>
Net savings	7148	14097	3815	44203	-548	0	68715



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
<b>Changes in liabilities and net wealth</b>							
Net savings	7148	14097	3815	44203	-548	0	68715
Capital transfers received	7625	—	741	1387	590		10343
paid	-1323	—	-8923	-92	—		-10338
<b>Total</b> (changes in net wealth on account of savings and capital transfers)	<b>13450</b>	<b>14097</b>	<b>-4367</b>	<b>45498</b>	<b>42</b>	<b>0</b>	<b>68720</b>
<b>Changes in assets</b>							
Gross fixed capital formation	104385	3079	15611	9937	862		133874
Fixed capital consumption	-46287	-1581	-8976	-466	-955		-58265
Changes in inventories	2369	84	-538	-1244	-16		655
Acquisitions less disposals of valuables	—	-26	10	227	—		211
Acquisitions less disposals of non-produced non-financial assets	25	-35	...	...	...		-10
Net lending (+), net borrowing (-)	-47042	12576	-10474	37044	151	0	-7745
<b>Total</b>	<b>13450</b>	<b>14097</b>	<b>-4367</b>	<b>45498</b>	<b>42</b>	<b>0</b>	<b>68720</b>

**FINANCIAL ACCOUNT**

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Financial inter-mediation	Total economy
<b>Changes in liabilities and net wealth</b>							
Net lending (+), net borrowing (-)	-47042	12576	-10474	37044	151	0	-7745
Statistical discrepancy	5145	-2441	-3259	0	0		-555
<b>Net incurrence of liabilities</b>	<b>202467</b>	<b>132675</b>	<b>13651</b>	<b>46907</b>	<b>6</b>		<b>395706</b>
Ready cash and deposits		65277					65277
Securities excluding equities	19162	10955	1557				31674
Lending and loans	75376	28394	-1210	45766	6		148332
Equities and other types of capital subscription	59106	17424	1216				77746
Actuarial and technical reserves		286					286
Other accounts payable	48823	10339	12088	1141			72391
<b>Changes in assets</b>							
<b>Net acquisition of financial assets</b>	<b>150280</b>	<b>147692</b>	<b>6436</b>	<b>83951</b>	<b>157</b>		<b>388516</b>
Monetary gold and special drawing rights		96					96
Ready cash and deposits	41929	-4614	-128	64136	157		101480
Securities excluding equities	14902	21457	-61	29	...		36327
Lending and loans	—	102559	1884				104443
Equities and other types of capital subscription	22767	17770		8676	—		49213
Actuarial and technical reserves				286			286
Other accounts receivable	70682	10424	4741	10824	—		96671

NATIONAL ACCOUNTS

2.9. Input-output

	Intermediate consumption									
	agriculture, hunting, forestry. Fishing, fishery	mining	manu- facturing	produc- tion and distribu- tion of electric- ity, gas and water	const- ruction	trade; repair of motor vehicles, household appliances and personal demand items. 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	34567	164	25208	5	87	2215	108	1947		<b>64301</b>
Mining	475	4342	72078	15424	1874	1060	4148	1287		<b>100688</b>
Manufacturing	19018	10397	203138	4744	32024	21317	20915	24836		<b>336389</b>
Production and distribution of electricity, gas and water	1095	4786	15972	4664	541	1660	3707	6970		<b>39395</b>
Construction	32	122	434	211	785	257	560	1237		<b>3638</b>
Trade; repair of motor vehicles, household appliances and personal demand items. Activity of hotels and restaurants	8344	5477	95083	313	776	7324	2966	5677		<b>125960</b>
Activity of transport and communications	3383	5935	28427	1157	3902	7587	12838	6628		<b>69857</b>
Other activities	995	1491	14566	2190	2995	18727	6343	33857	13009	<b>94173</b>
<b>Intermediate consumption</b>	<b>67909</b>	<b>32714</b>	<b>454906</b>	<b>28708</b>	<b>42984</b>	<b>60147</b>	<b>51585</b>	<b>82439</b>	<b>13009</b>	<b>834401</b>
Labor remuneration of employees	8560	15420	62673	12076	14955	26860	30619	97468		<b>268631</b>
Taxes on production and imports	1732	3673	51384	6541	2945	4443	6290	5369		<b>82377</b>
Subsidies on production and imports	-2282	-2671	-392	-1088	-93	-6	-541	-1818		<b>-8891</b>
Gross operating surplus, mixed income	34405	8974	43822	6493	5865	44897	24452	46137	-13009	<b>202036</b>
<b>Gross domestic product</b>	<b>42415</b>	<b>25396</b>	<b>157487</b>	<b>24022</b>	<b>23672</b>	<b>76194</b>	<b>60820</b>	<b>147156</b>	<b>-13009</b>	<b>544153</b>
<b>Output</b>	<b>110324</b>	<b>58110</b>	<b>612393</b>	<b>52730</b>	<b>66656</b>	<b>136341</b>	<b>112405</b>	<b>229595</b>		<b>1378554</b>

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

NATIONAL ACCOUNTS

at consumer prices in 2006<sup>1</sup>

(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			
40737		953	751	-1222		10518	-5714	<b>110324</b>
6188		174		-3243		8193	-53890	<b>58110</b>
192372		1674	63921	5716	198	185636	-173513	<b>612393</b>
11065		705				1565		<b>52730</b>
1246			61925	-472		955	-636	<b>66656</b>
8493		209				6820	-5141	<b>136341</b>
25141		4652				32795	20040	<b>112405</b>
34141	5173	91983	7277	-124	13	7225	-10266	<b>229595</b>
<b>319383</b>	<b>5173</b>	<b>100350</b>	<b>133874</b>	<b>655</b>	<b>211</b>	<b>253707</b>	<b>269200</b>	<b>1378554</b>

NATIONAL ACCOUNTS

**2.10. Gross regional product**

*(at current prices; mln. UAH)*

	1996	2000	2001	2002	2003	2004	2005	2006
<b>Ukraine<sup>1</sup></b>	<b>69287</b>	<b>137993</b>	<b>183296</b>	<b>204342</b>	<b>244497</b>	<b>345113</b>	<b>441452</b>	<b>544153</b>
Autonomous Republic of Crimea	2161	4085	5492	6033	7309	9901	12848	16044
<b>oblasts</b>								
Vinnitsya	2140	3802	5008	5319	6167	8123	10207	12414
Volyn	1012	2195	2872	3112	3512	4994	6553	7687
Dnipropetrovsk	6536	13163	16340	18059	21311	30040	41227	52347
Donetsk	8499	17278	22863	25285	30316	45617	58044	72361
Zhytomyr	1768	2835	3173	3549	4201	5947	7430	8784
Zakarpattia	932	2151	2781	3211	4016	5297	6700	8185
Zaporizhzhya	3767	7568	7968	8629	10177	15255	19968	24787
Ivano-Frankivsk	1483	3117	3901	4518	5544	7311	9622	11316
Kyiv	3015	5926	6439	6868	8129	11883	15362	19188
Kirovohrad	1302	2159	3174	3399	4023	5594	6877	8187
Luhansk	3464	6403	7451	8570	9954	14672	19716	24159
Lviv	3016	5850	7305	8578	10547	13992	17192	21486
Mykolayiv	1737	3314	4353	4702	5337	7934	9553	11876
Odesa	3533	7072	9525	10788	12792	17029	20762	24898
Poltava	2974	5712	6638	7811	8853	13983	18099	22179
Rivne	1397	2513	3186	3467	4053	5599	7263	8924
Sumy	1897	3495	4121	4384	4822	6275	8025	9566
Ternopil	1091	1853	2347	2631	3098	3948	5137	6452
Kharkiv	4331	8271	10465	11801	14515	20524	25618	32023
Kherson	1321	2348	2999	3265	3799	5200	6469	7565
Khmelnyskiy	1854	2949	3611	3944	4698	6344	7958	9603
Cherkasy	2033	3179	3590	3852	4565	6623	9014	10957
Chernivtsi	841	1313	1864	2135	2539	3277	4234	5126
Chernihiv	1739	3073	3465	3836	4576	6181	7627	8950
<b>cities</b>								
Kyiv	5103	15715	31167	35200	43920	61357	77124	95267
Sevastopol	341	654	1198	1396	1724	2213	2823	3822

<sup>1</sup> 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
<b>Ukraine</b>	<b>1356</b>	<b>2788</b>	<b>3766</b>	<b>4239</b>	<b>5114</b>	<b>7273</b>	<b>9372</b>	<b>11630</b>
Autonomous Republic of Crimea	986	1937	2691	2979	3633	4951	6460	8101
<b>oblasts</b>								
Vinnitsya	1145	2104	2812	3019	3534	4700	5966	7328
Volyn	942	2077	2702	2943	3339	4771	6285	7397
Dnipropetrovsk	1706	3562	4558	5090	6058	8609	11909	15239
Donetsk	1646	3509	4692	5263	6385	9713	12490	15725
Zhytomyr	1199	1987	2269	2570	3074	4397	5554	6636
Zakarpattia	723	1677	2208	2557	3207	4238	5373	6576
Zaporizhzhya	1821	3795	4114	4498	5353	8093	10683	13369
Ivano-Frankivsk	1012	2142	2756	3213	3958	5238	6916	8157
Kyiv	1597	3255	3506	3780	4513	6652	8673	10918
Kirovohrad	1069	1860	2790	3025	3632	5122	6394	7723
Luhansk	1253	2439	2900	3394	3997	5973	8131	10085
Lviv	1095	2159	2768	3277	4049	5396	6657	8351
Mykolayiv	1299	2563	3422	3739	4284	6424	7801	9769
Odesa	1371	2828	3843	4391	5245	7028	8619	10379
Poltava	1718	3423	4043	4825	5533	8841	11574	14330
Rivne	1171	2118	2709	2963	3475	4817	6269	7724
Sumy	1364	2631	3149	3401	3795	5009	6497	7848
Ternopil	930	1605	2048	2313	2741	3516	4603	5819
Kharkiv	1410	2799	3580	4070	5045	7182	9025	11353
Kherson	1048	1925	2537	2797	3287	4546	5713	6744
Khmelnyskiy	1233	2028	2511	2773	3337	4549	5764	7023
Cherkasy	1357	2203	2545	2764	3309	4853	6681	8209
Chernivtsi	893	1411	2015	2321	2771	3589	4654	5650
Chernihiv	1296	2407	2780	3108	3764	5163	6474	7714
<b>cities</b>								
Kyiv	1937	5965	11944	13456	16697	23130	28780	35210
Sevastopol	843	1682	3154	3684	4557	5847	7452	10079

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

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

### 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 an 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 an 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; 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.

**Outstanding debt** is a debt unpaid on the due date or within the contracted period.

**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 Ukraine<sup>1</sup>***(mln. UAH)*

	2002	2003	2004	2005	2006	2007
<b>Revenue</b>	<b>61954,3</b>	<b>75285,8</b>	<b>91529,4</b>	<b>134183,2</b>	<b>171811,5</b>	<b>219936,5</b>
Tax revenue	45392,5	54321,0	63161,7	98065,2	125743,1	161264,2
Income and profit taxes, taxes on increase of market value including	20222,2	26758,5	29375,0	40789,2	48963,2	69189,3
personal income tax	10823,9	13521,3	13213,3	17325,2	22791,1	34782,1
enterprise profit tax	9398,3	13237,2	16161,7	23464,0	26172,1	34407,2
Taxes on ownership	587,3	600,2	658,7	833,4	1084,8	1354,6
Fees for use of natural resources including	2449,8	2780,3	3383,9	3981,0	4746,7	5948,2
land tax	1806,3	2032,3	2293,2	2718,2	3122,3	3889,3
Domestic taxes on goods and services including	18192,2	18560,6	22738,6	43366,2	61164,4	71914,4
VAT	13471,2	12598,1	16733,5	33803,8	50396,7	59382,8
Excise on domestic goods	3604,9	4659,1	6091,6	7346,5	7557,3	9072,2
Excise on imported goods	493,3	587,0	612,8	598,9	1050,8	1495,5
Taxes on international trade and external transactions including	2366,2	3794,6	5066,9	6721,9	7373,4	10037,6
import tax	2143,7	2992,4	4015,3	6006,5	6972,7	9588,9
Other taxes	1574,8	1826,8	1938,6	2373,5	2410,6	2820,1
Non-tax revenues	14696,7	18227,2	24571,8	31778,0	40548,3	48553,2
Income from ownership and entrepreneurship	1798,5	5158,8	6442,5	10868,3	12678,1	13214,0
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
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
Own revenues of budget institutions	—	7751,1	11684,0	10945,9	15247,2	20988,0
Revenue from capital transactions	1101,2	1788,2	2534,1	2803,9	3218,1	6373,4
Official transfers from the governments of foreign countries and international organizations	291,9	212,7	417,8	182,5	153,7	104,5
Earmarked funds	472,0	736,7	844,0	1353,6	2148,3	3641,2

## FINANCE AND CREDIT

Table 3.1 is continued

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

<sup>1</sup> 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)

<sup>2</sup> Including lending less repayment

<sup>3</sup> 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
<b>Excess of expenditure over revenue (deficit)</b>	<b>-697,3<sup>1</sup></b>	<b>680,7</b>	<b>-1119,4<sup>1</sup></b>	<b>1043,1</b>	<b>10216,5</b>	<b>7945,7</b>	<b>3776,6</b>	<b>9842,9</b>
Deficit financing sources	-697,3 <sup>2</sup>	680,7	-1119,4 <sup>2</sup>	1043,1	10216,5	7945,7	3776,6	9842,9
Domestic financing	-113,1 <sup>2</sup>	213,3	232,8	280,9	9615,9	6997,5	-1030,0 <sup>2</sup>	6871,0
External financing	-584,2 <sup>2</sup>	467,4	-1352,2 <sup>2</sup>	762,2	600,6	948,2	4806,6	2971,9

<sup>1</sup> See the third footnote to Table 3.1

<sup>2</sup> Debt repayment

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

	Consolidated	Including			
		State		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
<b>Revenue</b>					
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
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
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
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
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	—	—
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

## 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
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
Expenditure					
2002	60318,9	35530,1	58,9	24788,8	41,1
2003	75792,5	44390,9	58,6	31401,6	41,4
2004 <sup>1</sup>	102538,4	63734,8	62,2	38803,6	37,8
2005 <sup>1</sup>	141989,5	89914,8	63,3	52074,7	36,7
2006 <sup>1</sup>	175512,2	103148,0	58,8	72364,2	41,2
2007 <sup>1</sup>	227638,3	131127,0	57,6	96511,2	42,4
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
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	—	—
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
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

## 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
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
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
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
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
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
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

<sup>1</sup> 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
<b>Revenue</b>	<b>2016,3</b>	<b>3049,6</b>	<b>6167,2</b>	<b>14913,5</b>	<b>27822,7</b>	<b>23927,0</b>	<b>25511,2</b>	<b>35644,0</b>
Insurance premiums	1738,3	2472,5	3757,3	7338,7	12844,8	8072,5	9239,0	13586,9
including								
voluntary insurance of individuals (excluding life insurance)	134,2	189,4	245,6	295,8	442,8	592,2	728,4	1094,7
voluntary life insurance of individuals	14,1	10,0	25,8	77,2	167,3	319,7	453,7	628,0
voluntary property insurance	1061,6	1711,6	2738,9	5728,4	10365,1	5657,1	6521,4	9836,3
voluntary insurance of third-party liabilities	279,0	228,3	357,2	749,8	1254,4	570,2	538,6	661,5
mandatory insurance of individuals	123,7	152,1	152,2	145,6	177,7	188,6	231,2	216,3
mandatory property insurance	6,5	15,8	45,9	82,7	65,0	94,2	74,8	74,6
mandatory insurance of third-party liabilities	119,2	165,3	191,7	259,2	372,5	650,5	690,9	1075,5
Reinsurance premium receipts	331,6	469,2	660,4	1161,7	5949,2	4825,7	4105,0	3352,6
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
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
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
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
Other revenue	103,3	160,7	2019,7	6371,8	9349,8	10362,1	12242,2	18742,6
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
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

## FINANCE AND CREDIT

Table 3.4 is continued

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Expenditure</b>	<b>1832,4</b>	<b>2568,0</b>	<b>5407,3</b>	<b>13002,4</b>	<b>24380,1</b>	<b>20590,1</b>	<b>23557,2</b>	<b>33059,4</b>
Insurance payments	399,6	405,0	523,1	847,5	1387,8	1459,1	2445,5	3634,4
on voluntary insurance of individuals (except life insurance)	142,7	100,9	163,6	206,7	327,2	240,7	299,5	421,1
on voluntary life insurance of individuals	9,1	9,4	2,9	4,3	13,1	11,2	33,5	59,6
on voluntary property insurance	115,3	137,7	185,2	356,6	777,5	945,5	1799,6	2774,7
on voluntary insurance of third-party liabilities	65,0	48,8	65,6	69,3	59,4	58,4	62,7	81,1
on mandatory insurance	67,5	108,2	105,8	210,6	210,6	203,3	250,2	297,9
Proportion of insurance payments paid to reinsurers	896,7	1400,8	2099,1	4826,4	11553,0	6115,7	5612,0	6083,3
Insurance payments paid under reinsurance contracts	8,0	22,9	22,6	100,1	169,2	440,4	286,4	414,6
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
Expenditure on insurance transactions	300,7	412,4	496,1	740,6	1803,5	1577,1	2272,9	3674,8
of which labour remuneration	91,5	120,2	139,7	160,7	227,1	354,3	568,3	839,4
Payments to budgets of all levels	60,4	71,1	97,4	143,0	245,3	250,6	300,0	443,9
Dividends and interest paid on securities	11,6	22,5	16,9	31,7	13,1	23,7	346,8	179,6
Other expenditure	135,0	196,1	2096,3	6181,3	8935,9	10061,1	11268,8	17072,5
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

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

(mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Profit, loss (-)<sup>1</sup></b>	<b>13933,0</b>	<b>18740,6</b>	<b>14641,2</b>	<b>19643,3</b>	<b>44578,4</b>	<b>64370,8</b>	<b>76253,4</b>	<b>135897,9</b>
Agriculture, hunting, forestry	1752,4	899,1	-254,6	769,5	2768,0	3702,4	2731,8	7624,2
Industrial production	8834,6	8537,2	2866,5	7137,0	18936,9	28264,3	34699,6	43700,9
Construction	40,3	722,8	-39,6	14,1	770,6	872,2	1603,1	1629,0
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
Activity of hotels and restaurants	-20,0	-27,2	-9,3	-73,9	-30,6	83,1	-63,2	-1,5
Activity of transport and communications	706,7	4135,7	4269,4	5805,2	6665,6	9629,7	8499,7	11342,8
Financial activity	1211,7	2344,9	2358,1	4252,7	7058,0	9334,3	11664,7	22592,6
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
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

<sup>1</sup> Excluding budgetary institutions



## FINANCE AND CREDIT

**3.6. Profitability of operational activity, by type of economic activity**

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total<sup>1</sup></b>	<b>2,7</b>	<b>4,5</b>	<b>4,2</b>	<b>4,3</b>	<b>6,4</b>	<b>7,0</b>	<b>6,6</b>	<b>6,8</b>
Agriculture, hunting, forestry	-1,6	5,3	0,0	4,2	10,7	12,7	10,0	19,0
Industrial production	4,8	3,7	2,6	3,3	4,7	5,5	5,8	5,8
Construction	1,3	3,5	1,2	2,2	2,1	2,2	3,1	2,6
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
Activity of hotels and restaurants	1,0	0,8	1,1	1,1	2,2	4,2	1,1	1,3
Activity of transport and communications	2,4	8,3	9,2	11,0	10,3	11,7	9,9	9,8
Financial activity	8,2	16,3	17,1	13,1	28,1	17,5	7,5	6,8
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
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

<sup>1</sup> Excluding banks and budgetary institutions**3.7. Profitability of operational activity of industrial enterprises**

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Industrial production</b>	<b>4,8</b>	<b>3,7</b>	<b>2,6</b>	<b>3,3</b>	<b>4,7</b>	<b>5,5</b>	<b>5,8</b>	<b>5,8</b>
Mining	8,7	11,5	4,4	3,4	8,5	14,4	9,2	11,4
Manufacturing	5,9	4,2	3,1	4,2	5,4	5,3	5,5	5,9
including								
production of footstuffs, beverages and tobacco products	3,3	4,0	3,3	2,7	2,0	3,7	5,1	4,7
light industry	-0,1	1,1	-1,6	0,4	0,4	-0,2	0,2	0,7
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
cellulose and paper industry; printing	8,3	8,9	7,1	4,5	7,7	6,4	6,3	5,0
production of coke and refined petroleum products	...	1,4	4,0	1,5	4,9	4,1	3,6	3,5
chemical and petrochemical industry	7,8 <sup>1</sup>	3,8	1,8	5,2	7,0	7,8	4,0	4,5
metallurgy and production of finished metal products	9,8	5,1	4,6	7,9	9,2	7,2	8,5	8,3
engineering	-0,3	4,0	1,5	1,9	3,1	3,4	2,6	4,3
Production and distribution of electricity, gas and water	-0,6	-1,0	0,4	-0,2	-1,3	1,5	5,2	2,2

<sup>1</sup> Chemical industry

**3.8. Loss-making enterprises, by type of economic activity**

	2000 <sup>1</sup>		2004 <sup>2</sup>		2005 <sup>2</sup>		2006 <sup>2</sup>		2007 <sup>2</sup>	
	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
<b>Total</b>	<b>37,7</b>	<b>22190,4</b>	<b>34,8</b>	<b>29116,3</b>	<b>34,2</b>	<b>24794,3</b>	<b>33,5</b>	<b>34395,2</b>	<b>32,5</b>	<b>47096,5</b>
Agriculture, hunting, forestry	34,5	1532,9	33,3	1559,6	33,8	1707,3	31,3	1956,1	26,3	1993,7
Industrial production	42,2	9810,3	37,5	12950,5	36,5	8888,3	34,7	11203,4	33,4	13256,0
Construction	40,0	843,1	33,7	1281,2	33,8	1770,6	31,9	1975,3	32,1	3788,8
Trade; repair of motor vehicles, household appliances and personal demand items	36,3	4323,2	31,6	7841,2	30,1	6024,6	30,6	8713,2	29,3	12255,3
Activity of hotels and restaurants	44,1	112,7	38,4	267,8	37,2	224,3	35,8	384,4	34,0	516,3
Activity of transport and communications	47,4	3823,6	39,3	1306,1	38,3	1778,3	37,2	2774,9	35,5	3384,5
Financial activity	38,8	172,4	33,9	521,2	33,7	750,2	33,1	1712,1	33,0	2004,0
Real estate transactions, renting, engineering and provision of services to businessmen	32,3	1223,4	38,3	2848,9	38,8	2913,8	38,0	4862,7	37,8	8356,0
Provision of communal and individual services; cultural and sporting activity	37,9	190,8	36,8	316,4	35,8	497,3	35,0	579,1	34,8	1224,7

<sup>1</sup> See the footnote to Table 3.6<sup>2</sup> See the footnote to Table 3.5

## FINANCE AND CREDIT

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

	Total working assets					Including stocks				
	2000	2004	2005	2006	2007	2000	2004	2005	2006	2007
<b>Total<sup>1</sup></b>	<b>321683,1</b>	<b>617057,6</b>	<b>700719,2</b>	<b>899824,0</b>	<b>1226964,1</b>	<b>76951,6</b>	<b>136956,9</b>	<b>164326,3</b>	<b>204914,2</b>	<b>275793,4</b>
Agriculture, hunting, forestry	17443,1	26442,3	32499,1	31581,5	46092,2	11764,0	14853,6	17259,0	17574,8	23283,5
Industry	160564,0	222637,0	243346,4	290520,3	364159,7	37083,4	63925,7	72882,4	86699,3	110380,7
Construction	10482,6	24456,0	32921,0	43704,4	70815,6	2688,0	6400,0	8694,0	10770,7	17081,3
Trade; repair of motor vehicles, household appliances and personal demand items	79757,7	218295,5	239175,6	334771,3	466424,1	16349,6	37646,2	49168,2	69415,4	99774,5
Activity of hotels and restaurants	531,0	1496,2	1887,9	2991,3	4546,2	176,1	307,7	356,0	477,7	667,9
Activity of transport and communications	32334,8	25651,6	31968,5	36368,4	51952,6	5351,5	5928,9	6839,9	8109,2	10203,6
Financial activity	3843,7	32477,8	43007,0	59525,2	89229,5	197,0	182,0	301,3	535,4	1211,1
Real estate transactions, renting, engineering and provision of services to businessmen	13090,4	53074,9	62540,3	94504,9	125568,6	2670,2	6809,3	7494,2	10398,6	12095,9
Collective, social and individual services	2265,3	9243,4	8891,1	3344,7	5205,8	266,0	328,0	430,7	375,5	525,1

<sup>1</sup> See the footnote to Table 3.6

## FINANCE AND CREDIT

**3.10. Structure of working assets***(end of year; percent)*

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

<sup>1</sup> See the footnote to Table 3.6**3.11. Current accounts receivable and accounts payable***(percent)*

	2006 <sup>1</sup>				2007 <sup>1</sup>			
	receivables		payables		receivables		payables	
	total	of which arrears	total	of which arrears	total	of which arrears	total	of which arrears
<b>Total (I + II)</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
<b>I. Between enterprises of Ukraine</b>	<b>92,8</b>	<b>97,2</b>	<b>90,0</b>	<b>97,5</b>	<b>93,3</b>	<b>96,1</b>	<b>91,3</b>	<b>98,3</b>
For goods, operations and services	47,8	55,3	45,5	56,4	48,3	62,5	46,1	54,4
Promissory notes	4,2	0,6	7,7	1,9	2,5	0,4	7,1	1,5
Settlements with the budget	5,2	1,9	3,7	8,4	5,6	2,2	3,3	5,6
Internal settlements	6,9	16,7	8,1	17,0	4,4	10,2	5,8	20,1
Insurance	0,1	0,0	0,8	1,3	0,1	0,0	0,8	1,7
Labour remuneration	×	×	1,3	0,5	×	×	1,3	0,4
Other debts	28,7	22,7	22,9	12,0	32,4	20,8	26,9	14,6
<b>II. With entities of other countries</b>	<b>7,2</b>	<b>2,8</b>	<b>10,0</b>	<b>2,5</b>	<b>6,7</b>	<b>3,9</b>	<b>8,7</b>	<b>1,7</b>
including the CIS countries	1,7	1,6	2,9	1,0	1,7	1,9	2,0	0,5

<sup>1</sup> Excluding small enterprises and budgetary institutions

## FINANCE AND CREDIT

**3.12. Accounts receivable and accounts payable, by region**

(mln. UAH)

	Receivables					Payables				
	2000	2004	2005	2006	2007	2000	2004	2005	2006	2007
<b>Ukraine<sup>1</sup></b>	<b>211998,1</b>	<b>400203,8</b>	<b>421820,6</b>	<b>534038,3</b>	<b>726514,6</b>	<b>305134,6</b>	<b>513556,7</b>	<b>545105,9</b>	<b>661755,9</b>	<b>858963,1</b>
Autonomous Republic of Crimea	2565,5	6522,2	7334,7	9413,3	12559,2	4597,4	9024,0	9590,9	11768,3	15332,1
<b>oblasts</b>										
Vinnitsya	1949,4	4424,2	5076,6	7256,9	8582,0	3482,6	6018,0	7027,5	8800,5	9942,6
Volyn	1731,4	11038,9	11024,3	12788,1	11798,9	2913,9	13405,5	14212,6	14324,9	18125,5
Dnipro-petrovsk	21570,9	56511,1	61182,0	75218,4	99356,0	34499,6	69114,0	71183,2	82685,0	97706,4
Donetsk	27611,4	57250,7	51881,6	62534,9	88730,4	40558,9	73631,7	67308,6	83055,6	107806,6
Zhytomyr	1388,3	3539,1	2040,5	2866,7	3605,7	2220,3	4058,3	3059,4	3765,1	4447,9
Zakarpattia	696,5	2246,2	2109,0	2996,0	3415,7	1164,0	2864,8	2781,5	3598,5	4371,2
Zaporizhzhya	8821,5	10829,9	11848,0	13570,7	16826,5	11616,9	14327,6	14174,8	15795,1	19281,7
Ivano-Frankivsk	2652,3	4645,5	4602,5	8037,3	11779,0	4241,2	7205,4	7696,5	11027,7	17163,4
Kyiv	4324,8	13161,0	13828,7	19417,5	29600,7	6409,0	16989,1	17377,4	25014,0	36814,2
Kirovohrad	1902,9	2466,9	2426,2	3202,0	5063,5	4479,4	3108,2	3436,3	4124,7	6632,7
Luhansk	8309,2	15774,9	15695,8	16768,9	20155,4	14963,9	23667,8	23011,2	23736,1	27561,1
Lviv	5892,3	9773,5	10149,2	12819,7	18386,6	9253,5	13376,2	14556,4	16593,8	22498,2
Mykolayiv	2487,4	5229,9	6252,5	6977,6	8473,5	3979,7	6558,6	7474,3	8733,6	10204,9
Odesa	5445,3	11038,8	13462,1	19888,2	28046,2	7703,3	15175,1	18228,2	24678,3	33998,8
Poltava	4284,5	6615,1	6692,2	9639,5	15127,9	5279,0	8222,2	8325,5	11516,5	19166,5
Rivne	1464,1	3078,8	2976,4	4230,5	4894,7	2255,4	4008,6	3937,6	5025,5	5174,7
Sumy	2573,5	3065,6	3183,8	3097,3	3710,3	3772,0	4290,9	4448,1	4484,9	5131,7
Ternopil	1039,0	1335,8	1468,4	1863,2	2652,5	1842,7	2139,0	2288,1	2948,4	3627,8
Kharkiv	7941,9	21626,1	23080,8	28749,7	39726,5	11565,2	30491,5	32417,9	39871,1	50326,1
Kherson	1610,3	2842,2	2977,3	4188,4	5499,2	3358,6	3454,3	3526,5	5237,0	6595,9
Khmelnyskiy	1487,4	2387,4	3815,7	3618,1	4225,7	2607,2	3379,8	5200,1	4661,3	4913,3
Cherkasy	1647,2	3980,9	4722,5	6618,4	8351,5	3126,6	5849,1	6348,1	8063,4	9785,4
Chernivtsi	910,2	1085,2	1401,9	1763,1	2865,7	1187,3	1690,7	1951,2	2393,3	3040,6
Chernihiv	1077,6	2946,8	2048,8	2468,4	3617,2	1846,4	3455,4	2672,6	3044,5	3981,2
<b>cities</b>										
Kyiv	90072,4	135816,3	149413,4	192574,7	267278,0	115360,9	166716,7	191246,5	234713,3	312646,9
Sevastopol	540,9	970,8	1125,7	1470,8	2186,1	849,7	1334,2	1624,9	2095,5	2675,7

<sup>1</sup> See the footnote to Table 3.6

## FINANCE AND CREDIT

**3.13. Enterprise balance sheets in 2007,**

	Total <sup>1</sup>		Of					
			agriculture, hunting, forestry		industrial production		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
<b>Assets</b>								
Fixed assets	961202,6	1253812,4	34724,9	43674,7	348228,0	404378,1	32150,8	51258,4
percentage of the balance	52,9	50,3	51,2	48,5	55,6	52,3	42,7	41,5
Working assets	846076,8	1226964,1	32894,7	46092,2	275080,4	364159,7	42278,0	70815,6
percentage of the balance	46,6	49,2	48,5	51,2	45,9	47,1	56,2	57,4
Expenditures of future periods	9065,6	13332,7	265,3	324,9	2833,5	3927,5	859,8	1302,3
percentage of the balance	0,5	0,5	0,4	0,4	0,5	0,5	1,1	1,1
<b>Liabilities</b>								
Own capital	818016,2	1050603,1	37926,9	49870,6	310325,0	36110,4	20009,6	28921,9
percentage of the balance	45,0	42,1	55,9	55,4	49,6	47,0	26,6	23,4
Provisions for future expenditures and payments	39209,1	55601,3	589,7	726,1	10557,5	13849,5	7329,5	9726,4
percentage of the balance	2,2	2,2	0,9	0,8	1,7	1,8	9,7	7,9
Long-term liabilities	218351,3	350770,9	8071,2	12046,1	76179,5	106361,8	9460,5	22313,4
percentage of the balance	12,0	14,1	11,9	13,4	12,2	13,8	12,6	18,1
Current liabilities	728606,2	1021607,9	20857,8	26789,9	222046,3	281058,4	38208,0	61367,9
percentage of the balance	40,1	41,0	30,7	29,7	35,5	36,4	50,7	49,7
Revenue of future periods	12162,2	15526,0	439,3	659,1	7033,6	8085,2	281,0	1046,7
percentage of the balance	0,7	0,6	0,6	0,7	1,1	1,0	0,4	0,8
<b>Balance</b>	<b>1816345,0</b>	<b>2494109,2</b>	<b>67884,9</b>	<b>90091,8</b>	<b>626141,9</b>	<b>772465,3</b>	<b>75288,6</b>	<b>123376,3</b>

<sup>1</sup> See the footnote to Table 3.6

FINANCE AND CREDIT

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
87168,5	138051,9	7654,1	10518,2	130816,1	162488,1	24796,8	41664,1	280713,1	376005,6	10088,8	18913,3
21,9	22,7	68,8	69,4	77,6	75,6	32,1	31,7	75,7	74,6	72,6	77,2
308626,3	466424,1	3392,1	4546,2	37324,5	51952,6	52079,4	89229,5	88756,3	125568,6	3507,0	5205,8
77,5	76,7	30,5	30,0	22,1	24,2	67,5	67,9	23,9	24,9	25,2	21,2
2542,4	3829,2	72,7	89,6	405,1	551,6	302,2	514,7	1436,9	2343,6	299,8	381,2
0,6	0,6	0,7	0,6	0,2	0,3	0,4	0,4	0,4	0,5	2,2	1,6
59877,3	92643,7	5983,9	7526,4	106171,5	128938,5	39729,7	61701,2	225108,4	295956,8	8761,6	16280,1
15,0	15,2	53,8	49,7	63,0	60,0	51,5	47,0	60,7	58,7	63,1	66,4
1659,7	3179,6	160,7	181,9	2206,6	3604,3	6243,7	10192,1	9938,1	13409,3	338,4	441,3
0,4	0,5	1,4	1,2	1,3	1,7	8,1	7,8	2,7	2,7	2,4	1,8
46098,2	74641,5	1963,4	3252,5	24003,2	33599,9	6939,5	19284,5	43624,1	75719,3	1438,7	2628,0
11,6	12,3	17,7	21,5	14,2	15,6	9,0	14,7	11,8	15,0	10,4	10,7
290043,9	436853,5	2961,2	4122,3	34034,2	46016,1	24210,4	40070,1	91160,2	117646,1	3162,8	4905,0
72,8	71,8	26,6	27,2	20,2	21,4	31,4	30,5	24,6	23,3	22,8	20,0
658,1	986,9	49,7	70,9	2130,2	2833,5	55,1	160,4	1075,5	1186,3	194,1	245,9
0,2	0,2	0,4	0,5	1,3	1,3	0,1	0,1	0,3	0,2	1,4	1,0
398337,2	608305,2	11118,9	15154,0	168545,7	214992,3	77178,4	131408,3	370906,3	503917,8	13895,6	24500,3

## FINANCE AND CREDIT

**3.14. Indicators of Ukraine's banking system<sup>1</sup>**

	2000	2001	2002	2003	2004	2005	2006	2007
Issue of cash compared to previous period, %	135	151	137	108	127	143	126	149
Money supply (M3), mln. UAH	32252	45755	64870	95043	125801	194071	261063	396156
over previous period, %	145	142	142	147	132	154	135	152
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
NBU refinancing rate end of year, %	27,0	12,5	7,0	7,0	9,0	9,5	8,5	8,0
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
at loan auctions	30,9	—	—	—	—	—	—	—
REPOs	28,0	22,0	11,7	8,0	13,5	12,0	10,7	—
other loan facilities	—	21,0	—	—	—	—	—	—
overnight	—	20,4	10,7	8,0	17,1	14,9	12,1	11,1
at tender	—	16,5	9,2	8,3	13,0	12,9	10,4	10,0
Commercial banks' interest rates in UAH <sup>2</sup> , %								
lending	37,3	29,6	19,6	17,7	17,5	16,4	15,1	13,9
depositing	9,2	10,8	6,9	8,0	7,9	8,0	7,6	8,2
Outstanding borrowings from commercial banks <sup>3</sup> , mln. UAH	19574	28373	42035	67835	88579	143418	245226	426863
over previous period, %	162	145	148	161	131	162	171	174
Corporate and private deposits with commercial banks, mln. UAH	18738	25674	37715	61617	82959	132745	184234	279738
over previous period, %	154	137	147	163	135	160	139	152
Private deposits, mln. UAH	6780	11338	19302	32396	41611	73202	106715	164159
in local currency, mln. UAH	3481	6566	11601	18875	22116	42176	57837	99411
over previous period, %	161	189	177	163	117	191	137	172
in foreign currency, mln. UAH	3299	4772	7701	13521	19495	31026	48878	64749
over previous period, %	156	145	161	176	144	159	158	132
Primary market of government bonds								
sales, thsd. of bonds	20389	1271	2948	1189	2224	6899	1582	3573
receipts to central budget, mln. UAH	1892	1190	2849	1161	2204	7153	1598	3623
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
Results of financial activity of banks over the year, mln. UAH								
Revenue	7491	8520	10358	13859	19853	27205	41407	67731
Expenditure	7520	7990	9675	13033	18592	25038	37297	61280
Net profit (– loss)	–30	530	683	827	1261	2166	4110	6451

<sup>1</sup> Here and elsewhere (Tables 3.15–3.22): NBU data (when rounding, the sum of the components may differ from the total for some indicators due to electronic data processing)

<sup>2</sup> Data are given for the last month of a period

<sup>3</sup> Including lending in foreign currencies



## FINANCE AND CREDIT

**3.15. Money supply in Ukraine and its distribution<sup>1</sup>***(end of year; mln. UAH)*

	2000	2001	2002	2003 <sup>2</sup>	2004 <sup>2</sup>	2005 <sup>2</sup>	2006 <sup>2</sup>	2007 <sup>2</sup>
<b>Money supply</b>								
Cash								
Money circulating beyond banks (M0)	12799	19465	26434	33119	42345	60231	74984	111119
Transferable means in national currency	7963	10331	13847	18421	24745	38341	48292	70546
Monetary aggregate (M1)	20762	29796	40281	51541	67090	98573	123276	181665
Transferable means in foreign currency and other funds	10782	15390	24040	43315	58393	94573	136138	209608
Monetary aggregate (M2)	31544	45186	64321	94855	125483	193145	259413	391273
Banks' own debt securities	709	569	548	188 <sup>3</sup>	317 <sup>3</sup>	925 <sup>3</sup>	1650 <sup>3</sup>	4884 <sup>3</sup>
Monetary aggregate (M3)	32252	45755	64870	95043	125801	194071	261063	396156
<b>Distribution of money supply</b>								
Funds of economic entities	12020	14456	18623	29307	41487	59623	77545	115689
Transferable	2700	4051	5501	13217	17665	28606	40400	62543
In national currency	1315	2540	3681	9920	11974	20783	26664	49440
In foreign currency	1385	1511	1820	3298	5691	7823	13736	13102
Others	9314	10400	13120	16090	23822	31017	37145	53146
In national currency	6753	8292	10356	13168	18705	24249	29604	41131
In foreign currency	2561	2108	2764	2921	5116	6769	7542	12016
Funds in trust transactions	6	5	3	—	—	—	—	—
In national currency	6	5	3	—	—	—	—	—
In foreign currency	0	0	0	—	—	—	—	—
Funds of natural persons	19590	30822	45771	65548	83996	133522	181868	275584
of which savings	6791	11357	19337	32429	41652	73291	106885	164465
Transferable	4661	8175	14301	25207	33701	56023	82698	126832
In national currency	2222	4458	8076	13655	16116	28173	39319	70300
In foreign currency	2439	3717	6226	11552	17585	27851	43380	56531
Others	2070	3094	4966	7222	7951	17267	24186	37633
In national currency	1210	2039	3492	5253	6040	14092	18688	29416
In foreign currency	860	1055	1475	1969	1911	3175	5498	8217
Funds in trust transactions	60	88	70	—	—	—	—	—
In national currency	60	88	70	—	—	—	—	—
In foreign currency	0	0	0	—	—	—	—	—
Banks' own debt securities	642	477	475	188	317	925	1650	4884
In national currency	386	295	282	142	225	766	1402	4595
In foreign currency	257	181	194	46	93	160	248	289
Memorandum item: base money	16780	23055	30808	40089	53763	82760	97214	141901

<sup>1</sup> Based on accounting data that correspond to international standards<sup>2</sup> 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 2003<sup>3</sup> Since 2003, excluding individual savings deposit certificates

## FINANCE AND CREDIT

**3.16. Claims of Ukraine's banks on granted loans<sup>1</sup>***(end of year; mln. UAH)*

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>30602</b>	<b>39297</b>	<b>53009</b>	<b>78674</b>	<b>98668</b>	<b>152927</b>	<b>254504</b>	<b>435776</b>
In currency								
national	14264	19631	28261	43228	54864	84915	127445	217354
foreign	16338	19667	24748	35446	43804	68012	127059	218422
National Bank <sup>2</sup>	10904	10725	10778	10780	10050	9504	9274	8909
In currency								
national	3588	3595	3602	3606	3618	3636	3658	3552
foreign	7317	7131	7176	7174	6432	5868	5616	5357
Commercial banks	19698	28572	42231	67894	88618	143423	245230	426867
In currency								
national	10676	16036	24659	39622	51246	81279	123787	213802
foreign	9021	12536	17572	28272	37372	62144	121443	213065

<sup>1</sup> Including interest accrued<sup>2</sup> Except refinancing of banks**3.17. Claims of banks on the credits granted to the economy of Ukraine  
(by currency and maturity) in 2007, by region***(end of year; mln. UAH)*

	Total	Including in national currency	By term	
			short-term	long-term
<b>Ukraine</b>	<b>426863</b>	<b>213798</b>	<b>131501</b>	<b>295362</b>
Autonomous Republic of Crimea	10139	5019	1973	8166
<b>oblasts</b>				
Vinnitsya	5317	2796	1012	4306
Volyn	5792	2331	1414	4378
Dniepropetrovsk	43366	24537	11095	32271
Donetsk	33523	18619	11271	22252
Zhytomyr	3644	2034	568	3076
Zakarpattia	4784	1572	660	4124
Zaporizhzhya	10828	5340	2532	8297
Ivano-Frankivsk	6613	3496	945	5668
Kyiv	4925	2028	566	4360
Kirovohrad	2913	2018	655	2257
Luhansk	7783	5005	2393	5389
Lviv	12725	5782	2533	10191
Mykolayiv	6934	3153	1681	5254
Odesa	26041	9533	4643	21399
Poltava	7405	4494	2071	5334
Rivne	3804	2053	940	2864
Sumy	3666	2288	974	2692
Ternopil	3254	1524	593	2661
Kharkiv	18935	9181	4437	14497
Kherson	4863	2363	1016	3848
Khmelnyskiy	4572	2390	806	3766
Cherkasy	4829	2945	1188	3641
Chernivtsi	3647	1405	462	3185
Chernihiv	3649	2431	1178	2472
<b>city</b>				
Kyiv	182911	89461	73896	109015

## FINANCE AND CREDIT

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007
	KRB	UAH							
1 British pound sterling	232150	8,2499	7,7394	7,9984	8,7128	9,7391	9,3376	9,2945	10,1069
1 US dollar	147463	5,4402	5,3721	5,3266	5,3327	5,3192	5,1247	5,0500	5,0500
10 Japanese yen	15663	0,5052	0,4427	0,4259	0,4603	0,4921	0,4668	0,4340	0,4292
1 euro (1 ECU until 1999)	192790	5,0289	4,8136	5,0301	6,0244	6,6094	6,3899	6,3369	6,9179
1 SDR	223233	7,1759	6,8420	6,8982	7,4682	7,8782	7,5802	7,4283	7,7294
10 Russian rubles	—	1,94	1,84	1,70	1,74	1,85	1,81	1,86	1,98

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

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

**3.20. Selected indicators of Ukraine's banks**

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

## FINANCE AND CREDIT

Table 3.20 is continued

	2000	2001	2002	2003	2004	2005	2006	2007
Banks with foreign capital	31	21	20	19	19	23	35	47
including with 100 percent foreign capital	7	6	7	7	7	9	13	17
Statutory fund of operating banks in UAH equivalent, mln. UAH	3666	4576	6003	8116	11605	16111	26372	43133
Number of banks excluded from the State Register (over a period)	9	9	12	8	4	1	6	1
due to reorganization	—	3	2	1	1	—	2	1
due to liquidation	9	6	10	7	3	1	4	—
Number of banks with withdrawn licenses for all transactions (over a period)	10	3	1	5	4	1	5	2
Number of banks with withdrawn licenses for foreign exchange transactions (over a period)	9	3	1	5	4	1	5	2

**3.21. Liabilities of banks on the funds of natural persons**

(in national and foreign currency; mln. UAH)

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

**3.22. 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
<b>Total</b>	<b>18738</b>	<b>25674</b>	<b>37715</b>	<b>61617</b>	<b>82959</b>	<b>132745</b>	<b>184234</b>	<b>279738</b>
In national currency	11551	17393	25636	41954	52759	87198	114093	189906
call deposits	8013	10394	13880	20143	25765	40103	48957	72140
term deposits	3537	6999	11756	21811	26994	47096	65136	117766
In foreign currency	7188	8281	12079	19663	30200	45546	70142	89832
call deposits	3364	3053	4033	5362	7672	10247	13334	20663
term deposits	3824	5228	8046	14301	22528	35299	56807	69169

#### 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 produce 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 – 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

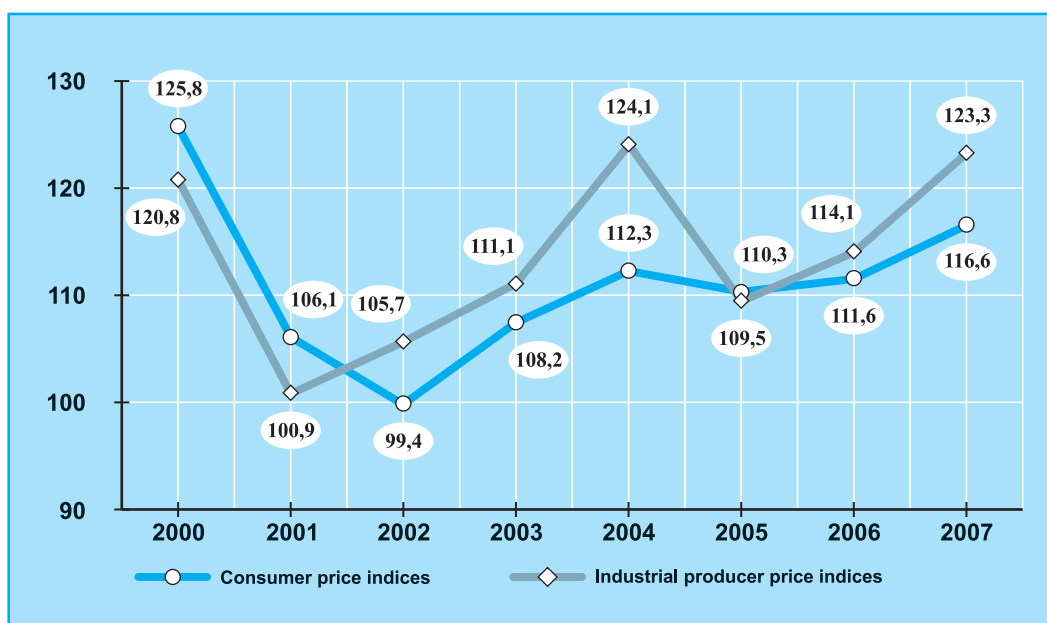
### 4.1. Price indices

*(percent of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007
Consumer price index	477,0	128,2	112,0	100,8	105,2	109,0	113,5	109,1	112,8
Industrial producer price index	588,9	120,8	108,7	103,0	107,6	120,5	116,7	109,6	119,5
Price indices for produce sold by agricultural enterprises	432,8	155,8	105,0	87,4	120,6	105,7	108,1	102,4	138,0
Price index for fixed capital investment	570,0	117,7	114,1	103,5	105,9	115,0	120,7	113,0	116,0
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

### 4.2. Consumer price indices and industrial producer price indices in 2000–2007

*(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
Consumer price index	125,8	106,1	99,4	108,2	112,3	110,3	111,6	116,6
Industrial producer price index	120,8	100,9	105,7	111,1	124,1	109,5	114,1	123,3
Price index for construction and assembly operations	121,4	108,5	104,8	107,4	126,2	126,0	123,4	125,4

PRICES AND TARIFFS

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

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

	2001	2002	2003	2004	2005	2006	2007
Foodstuffs and non-alcoholic beverages	108,0	97,6	111,1	115,2	110,2	103,2	123,7
Foodstuffs	108,3	97,3	111,7	116,4	110,8	102,8	124,7
Bread and cereal products	92,3	98,8	131,7	99,2	102,2	113,7	119,5
bread	93,3	95,8	136,0	98,0	100,4	116,7	118,0
pasta	96,0	95,9	133,7	99,5	99,3	106,2	119,5
flour	85,2	92,1	175,1	85,7	96,8	112,5	136,9
Meat and meat products	127,5	89,9	108,4	135,9	118,4	98,0	113,9
Fish and fish products	119,4	102,3	107,4	124,8	119,4	102,3	109,3
Milk, cheese and eggs	104,0	97,5	114,0	121,9	110,1	105,1	142,1
Oil and fats	116,2	89,9	107,6	136,3	102,0	91,3	143,9
Fruit	127,7	110,2	105,0	117,3	126,1	139,9	160,3
Vegetables including potatoes	89,7	108,5	88,2	72,7	104,7	91,5	135,4
Sugar	96,0	109,3	98,0	111,7	121,7	98,3	101,2
Non-alcoholic beverages	103,1	100,9	102,6	104,6	107,7	106,6	111,0
Alcoholic beverages, tobacco products	102,0	100,7	104,3	104,6	107,7	105,5	109,5
Clothes and footwear	101,8	100,7	100,7	101,4	102,2	102,5	101,9
clothes	102,2	100,5	100,5	101,3	101,6	102,1	101,8
footwear	101,5	100,3	100,6	101,5	102,6	102,7	102,0
Housing, water, electricity, gas and other types of fuels	104,5	101,7	106,4	107,2	114,6	166,5	112,3
payment for one's own dwelling (rent)	101,5	100,4	101,9	107,2	139,8	149,2	123,1
sewerage	113,6	109,4	112,9	115,9	134,3	162,0	118,3
water	119,0	104,2	118,3	109,3	127,6	150,0	117,8
electricity	100,0	100,0	100,0	100,0	100,0	156,1	100,0
natural gas	99,9	100,2	100,4	102,3	101,2	180,6	100,0
hot water, heating	108,0	100,4	111,4	111,8	115,9	214,6	115,1
Household goods, household appliances and current maintenance of housing	101,2	100,7	102,2	105,3	102,1	102,5	102,9
Health care	105,6	103,6	103,5	107,1	109,2	107,3	113,2
Transport	98,5	106,6	102,4	117,7	119,7	110,4	114,1
fuels and lubricants	67,0	149,5	101,0	161,6	124,5	102,9	136,2
transport services	104,3	101,5	101,4	110,5	122,1	112,1	110,3
passenger rail transport	102,8	104,1	103,7	101,3	100,8	142,1	115,9
passenger road transport	103,6	101,5	101,2	111,8	125,5	108,0	109,5
Communications	99,2	109,8	100,0	100,1	101,7	121,0	97,2
Leisure and culture	104,3	102,0	101,9	104,5	102,7	103,7	104,7
Education	110,7	106,0	107,1	109,4	118,0	115,8	115,8
Restaurants and hotels	112,5	108,4	108,0	113,0	118,6	114,8	116,5
Various goods and services	101,5	102,4	102,3	106,9	106,3	106,8	111,4

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
<b>Ukraine</b>	<b>116,6</b>	<b>123,7</b>	<b>109,5</b>	<b>101,9</b>	<b>112,3</b>	<b>102,9</b>
Autonomous Republic of Crimea	115,6	122,6	108,1	100,2	107,3	102,1
<b>oblasts</b>						
Vinnitsya	117,8	127,4	108,4	101,9	106,2	103,1
Volyn	115,1	122,8	109,7	102,7	102,9	102,3
Dnipropetrovsk	114,4	122,6	106,4	101,4	105,7	101,9
Donetsk	113,9	120,8	108,7	100,4	104,5	102,1
Zhytomyr	113,9	120,6	108,7	104,8	106,1	102,0
Zakarpattia	111,3	117,7	107,6	99,0	104,1	101,1
Zaporizhzhya	115,2	122,1	109,7	101,6	106,5	103,9
Ivano-Frankivsk	114,0	121,8	109,2	99,4	104,3	104,6
Kyiv	114,3	122,1	109,8	106,1	104,0	102,9
Kirovohrad	113,4	118,1	108,1	100,6	109,5	103,3
Luhansk	115,4	123,0	110,8	103,4	104,2	102,3
Lviv	116,8	125,8	111,8	102,0	104,6	102,8
Mykolayiv	118,1	127,0	111,1	100,2	109,6	102,3
Odesa	119,2	130,2	109,5	100,6	103,3	105,4
Poltava	118,3	127,9	109,1	102,6	103,0	102,7
Rivne	116,0	123,6	110,1	103,9	104,7	104,4
Sumy	115,0	121,9	108,7	100,1	104,0	103,9
Ternopil	120,1	124,8	112,0	100,6	135,3	101,3
Kharkiv	119,1	127,0	112,2	103,3	112,3	104,4
Kherson	118,3	124,6	110,9	102,3	115,2	101,1
Khmelnyskiy	117,9	126,5	111,2	108,5	108,3	105,5
Cherkasy	117,9	127,5	109,1	100,2	114,0	101,6
Chernivtsi	117,3	127,4	108,8	102,8	102,5	105,2
Chernihiv	115,0	122,3	110,9	100,5	103,9	105,7
<b>cities</b>						
Kyiv	121,0	124,1	109,2	101,7	159,7	102,9
Sevastopol	118,2	123,3	104,3	101,4	120,9	101,6



PRICES AND TARIFFS

in 2007, 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
113,2	114,1	97,2	104,7	115,8	116,5	111,4
113,2	117,2	98,6	102,6	113,9	113,1	108,3
110,7	116,4	96,1	100,7	113,9	114,8	118,4
115,3	118,3	97,6	105,5	118,3	114,7	112,8
108,8	111,8	97,4	107,1	109,7	111,6	110,1
111,7	109,4	97,0	105,4	115,4	122,4	109,6
113,5	115,0	97,7	102,8	121,0	112,4	111,6
107,2	108,1	96,5	102,1	119,7	110,2	105,3
114,3	113,4	98,3	110,5	117,0	120,2	112,1
114,3	110,5	95,6	100,6	115,5	114,9	111,4
109,5	115,5	99,3	105,3	116,4	115,7	112,6
116,3	110,4	97,1	104,6	126,1	113,4	109,6
113,7	110,2	97,2	105,0	120,6	114,1	113,3
114,4	115,9	96,9	104,9	110,6	116,3	118,6
110,1	119,9	98,0	101,3	110,0	119,6	109,0
112,3	111,5	97,3	101,5	117,0	119,6	111,9
118,1	125,5	95,5	106,3	116,0	119,0	116,9
117,7	115,6	95,4	101,4	119,1	118,4	114,9
117,4	116,4	97,5	105,8	127,7	116,7	109,4
114,6	114,4	96,7	101,0	117,2	116,1	109,0
118,0	119,5	96,3	98,1	116,5	116,6	118,3
117,6	118,3	97,7	104,7	117,7	122,3	116,8
116,3	120,0	94,8	101,6	116,3	117,2	108,5
114,6	110,0	97,2	104,8	111,0	120,4	106,3
110,4	114,2	97,0	103,1	120,1	113,6	110,7
116,4	115,4	96,9	103,9	122,7	117,3	111,5
112,2	111,1	99,3	110,1	113,0	114,7	105,9
115,2	117,4	96,1	119,0	117,1	117,1	112,0

PRICES AND TARIFFS

4.6. Consumer price indices, by region

(percent)

	2001	2002	2003	2004	2005	2006	2007	2002	2003	2004	2005	2006	2007
	Dec. over Dec. of the previous year							of the previous year					
<b>Ukraine</b>	<b>106,1</b>	<b>99,4</b>	<b>108,2</b>	<b>112,3</b>	<b>110,3</b>	<b>111,6</b>	<b>116,6</b>	<b>100,8</b>	<b>105,2</b>	<b>109,0</b>	<b>113,5</b>	<b>109,1</b>	<b>112,8</b>
Autonomous Republic of Crimea	107,2	98,3	108,5	110,7	111,5	111,5	115,6	100,3	105,7	107,5	113,2	109,6	112,3
<b>oblasts</b>													
Vinnitsya	107,0	98,9	109,6	111,6	110,7	111,5	117,8	100,4	106,7	108,4	112,7	109,5	113,3
Volyn	106,2	98,8	105,8	112,9	109,1	109,6	115,1	100,9	104,0	107,5	112,5	109,2	110,2
Dnipro-petrovsk	106,9	102,0	109,3	112,7	108,0	119,8	114,4	102,0	107,4	108,4	112,0	110,4	117,6
Donetsk	107,4	99,5	108,8	113,5	111,9	112,1	113,9	101,9	104,9	110,0	115,2	110,3	111,4
Zhytomyr	104,3	99,0	108,2	113,3	110,8	110,3	113,9	99,4	103,4	109,1	115,4	108,2	110,2
Zakarpattya	103,6	100,9	106,8	107,8	111,6	108,7	111,3	100,7	105,1	105,5	112,3	108,7	108,6
Zaporizhzhya	105,4	98,7	109,9	112,5	111,9	110,3	115,2	99,8	105,8	110,5	115,3	108,7	110,9
Ivano-Frankivsk	107,7	95,8	106,0	109,5	110,3	106,0	114,0	99,9	102,7	106,1	111,6	107,0	108,6
Kyiv	107,3	98,7	108,2	112,9	112,6	111,7	114,3	101,0	103,5	110,6	114,3	110,8	110,7
Kirovohrad	108,4	96,1	110,4	115,5	110,0	109,1	113,4	97,3	105,5	112,0	115,0	107,3	110,1
Luhansk	106,1	97,1	106,3	111,7	112,0	116,1	115,4	98,9	103,5	107,5	114,3	110,8	116,0
Lviv	105,0	101,5	106,0	110,3	108,4	107,0	116,8	101,8	105,0	106,6	111,6	107,4	110,4
Mykolayiv	107,2	102,2	109,5	112,5	111,5	109,1	118,1	101,4	110,0	109,2	113,4	108,3	111,4
Odesa	107,3	98,7	108,6	111,7	108,8	110,0	119,2	100,8	106,1	108,7	111,4	108,9	112,0
Poltava	105,5	96,2	109,2	113,8	113,7	111,2	118,3	98,2	104,2	110,5	116,1	110,4	113,0
Rivne	104,8	97,8	110,7	112,3	110,3	109,6	116,0	100,0	105,7	109,1	114,4	106,8	111,7
Sumy	106,1	98,2	108,1	114,3	112,2	113,3	115,0	99,3	104,1	110,9	115,9	109,2	114,6
Ternopil	104,1	98,4	104,2	110,7	108,4	110,0	120,1	99,0	102,1	106,6	110,8	107,5	112,8
Kharkiv	103,0	97,2	109,3	112,9	108,9	112,7	119,1	97,7	103,4	112,3	113,2	107,2	113,2
Kherson	109,4	99,3	110,5	112,8	109,2	109,2	118,3	101,4	108,6	108,8	113,6	108,6	110,2
Khmelnyskiy	105,2	97,6	107,5	113,5	108,5	110,8	117,9	98,6	102,8	110,5	113,3	106,4	113,7
Cherkasy	106,2	98,6	107,3	112,7	111,4	110,2	117,9	101,1	103,6	109,9	114,8	108,4	112,8
Chernivtsi	103,9	100,8	107,2	109,9	111,3	109,2	117,3	100,4	106,1	106,5	112,4	109,7	111,2
Chernihiv	101,9	96,6	108,0	114,7	109,9	111,6	115,0	97,4	103,7	110,6	114,1	108,9	111,6
<b>cities</b>													
Kyiv	107,0	103,6	108,1	111,0	110,5	109,2	121,0	104,4	106,2	109,5	112,9	109,1	115,3
Sevastopol	108,9	100,0	104,8	111,4	110,0	111,7	118,2	101,8	104,3	106,0	112,3	110,9	111,4

PRICES AND TARIFFS

**4.7. Industrial producer price indices, by type of activity**

(percent)

	2002	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
	Dec. over Dec. of the previous year						of the previous year				
<b>Industrial production</b>	<b>105,7</b>	<b>111,1</b>	<b>124,1</b>	<b>109,5</b>	<b>114,1</b>	<b>123,3</b>	<b>107,6</b>	<b>120,5</b>	<b>116,7</b>	<b>109,6</b>	<b>119,5</b>
Mining	108,7	117,9	126,0	127,7	120,6	127,3	108,5	123,4	140,2	111,2	126,5
mining of fuel and energy minerals	110,4	113,0	126,4	126,3	117,1	128,4	106,8	123,3	130,9	116,1	118,0
mining operations apart from fuel and energy minerals	106,3	127,1	126,1	129,9	125,7	126,2	112,2	124,1	157,2	104,3	138,3
Manufacturing	104,8	111,8	125,8	106,9	111,5	123,4	108,2	122,1	114,9	107,7	116,4
including production of foodstuffs, beverages and tobacco products	101,0	113,6	106,6	107,9	107,4	124,8	107,0	112,1	109,3	105,8	114,0
light industry	102,1	105,7	106,8	102,8	106,0	106,7	104,0	105,6	106,0	103,8	106,5
textile industry, sewing of clothes, fur and fur articles	104,2	108,3	107,5	101,8	106,3	107,2	106,5	107,2	106,0	103,7	106,8
production of leather, leather articles and other materials	98,0	100,3	104,7	105,8	105,8	105,8	98,9	102,2	107,1	104,5	105,7
wood working and production of wood products apart from furniture	102,5	112,4	119,2	108,7	112,1	108,1	105,4	117,1	114,8	108,8	110,5
cellulose and paper industry; printing	102,7	104,1	109,7	103,9	107,2	105,5	102,3	105,3	108,0	108,2	102,6
production of coke and refined products	125,5	122,9	177,9	103,3	109,4	150,4	119,7	162,7	124,9	107,1	113,7
chemical and petrochemical industry	102,7	111,6	116,0	109,7	110,2	117,3	107,1	114,2	112,5	111,2	113,7
production of chemicals	103,7	113,2	115,3	110,9	109,7	121,4	107,8	114,9	111,8	112,7	115,0
production of rubber and plastic products	98,1	105,9	118,9	107,4	112,0	107,0	104,3	112,1	115,3	106,7	110,3
production of other non-metallic mineral products	99,6	107,1	114,8	117,2	127,6	129,7	102,4	114,2	116,9	122,0	131,4
metallurgy and production of finished metal products	105,5	113,5	137,1	106,9	118,1	122,2	110,7	130,7	118,3	108,6	124,5
engineering	102,8	105,8	113,7	105,6	106,0	111,9	104,4	110,9	110,1	104,3	109,9
manufacture of machinery and equipment	103,6	102,4	113,0	111,6	107,3	109,2	103,1	108,3	114,4	106,3	110,0
manufacture of electrical, electronic and optical equipment	100,9	106,2	108,8	111,4	107,0	108,9	103,2	108,8	110,8	108,6	108,3
manufacture of transport vehicles and equipment	103,3	111,4	117,4	97,7	104,0	115,4	108,4	116,9	106,4	99,8	110,7
Production and distribution of electricity, gas and water	107,0	101,9	113,0	113,1	123,4	120,9	103,3	106,1	110,0	120,0	130,5

PRICES AND TARIFFS

**4.8. Producer price indices, by selected consumer goods**

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

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

PRICES AND TARIFFS

**4.9. Price indices for products sold by agricultural enterprises<sup>1</sup>**

*(percent of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Agricultural produce</b>	<b>432,8</b>	<b>155,8</b>	<b>105,0</b>	<b>87,4</b>	<b>120,6</b>	<b>105,7</b>	<b>108,1</b>	<b>102,4</b>	<b>138,0</b>
<b>Output of farming</b>	<b>413,9</b>	<b>168,2</b>	<b>92,4</b>	<b>87,8</b>	<b>133,7</b>	<b>93,3</b>	<b>95,5</b>	<b>114,1</b>	<b>157,7</b>
Grains	439,5	222,7	83,7	81,8	171,1	83,8	91,8	123,2	161,5
Sunflower seeds	481,6	102,7	147,5	107,0	100,9	133,7	84,5	95,6	201,7
Sugar beets	385,1	145,1	115,1	92,1	109,5	96,5	130,3	105,0	84,7
Potatoes	709,5	102,7	86,3	121,9	110,9	85,4	126,8	156,1	97,2
Vegetables	304,6	123,7	124,9	125,3	116,6	119,2	125,6	108,0	120,6
Fruit and berries	406,9	82,0	141,8	88,5	86,4	168,0	133,6	146,5	111,0
Grapes	348,2	114,8	93,1	115,9	107,3	128,7	140,6	139,2	107,5
Cucurbitaceous	206,4	122,4	153,3	79,7	88,0	119,9	202,5	67,4	222,0
<b>Output of livestock breeding</b>	<b>446,7</b>	<b>138,5</b>	<b>136,8</b>	<b>86,6</b>	<b>104,8</b>	<b>134,2</b>	<b>129,5</b>	<b>88,8</b>	<b>115,8</b>
Livestock and poultry	442,5	133,9	171,1	87,1	95,1	144,8	134,8	89,9	102,4
Milk and dairy products	483,0	148,3	111,7	89,5	128,2	119,2	134,3	94,4	154,6
Eggs	402,2	134,2	109,1	79,9	115,2	123,2	105,5	76,4	142,1
Wool	146,4	167,9	122,1	78,9	115,0	128,5	128,0	95,2	95,7

<sup>1</sup> Excluding small enterprises

PRICES AND TARIFFS

**4.10. Price indices for construction and assembly operations**

(percent)

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

PRICES AND TARIFFS

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

(percent)

	2002	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
	Dec. over Dec. of the previous year						of the previous year				
<b>Total</b>	<b>107,5</b>	<b>102,3</b>	<b>99,9</b>	<b>99,6</b>	<b>97,7</b>	<b>100,0</b>	<b>104,2</b>	<b>101,5</b>	<b>99,4</b>	<b>98,9</b>	<b>98,9</b>
including by type of services											
mail	108,3	100,0	100,0	111,0	100,0	100,0	102,0	100,0	104,1	106,7	100,0
intra-city telephone	148,9	100,0	100,0	100,0	110,7	100,0	119,6	100,0	100,0	104,1	106,4
inter-city and international telephone	96,3	100,0	99,8	96,6	87,5	100,0	98,0	99,9	97,4	92,9	93,3
mobile	100,0	109,4	100,0	100,0	100,0	100,0	103,1	106,1	100,0	100,0	100,0

**4.12. Tariff indices for shipment of cargo by rail**

(percent)

	2002	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
	IV Q over IV Q of the previous year						of the previous year				
<b>All cargo</b>	<b>100,6</b>	<b>110,7</b>	<b>119,8</b>	<b>139,7</b>	<b>100,3</b>	<b>119,4</b>	<b>111,3</b>	<b>112,0</b>	<b>139,3</b>	<b>107,4</b>	<b>109,3</b>
Coal	100,2	107,3	110,6	132,0	100,0	120,6	107,4	110,6	128,2	103,0	109,8
Iron ore	104,2	107,9	136,3	119,2	100,0	120,7	110,9	122,6	127,2	104,2	109,9
Mineral and construction cargo	98,5	105,0	122,5	164,1	100,0	120,7	104,2	111,3	159,2	113,5	109,9
Ferrous metals	100,0	110,0	121,6	150,0	100,0	120,6	110,0	110,8	150,9	109,1	109,9
Oil and refined products	100,0	127,0	110,7	140,4	100,0	116,9	127,0	105,4	136,9	107,8	108,1
Chemical and mineral fertilizers	100,0	107,0	111,9	138,3	100,0	100,0	107,0	106,0	136,0	107,4	100,0
Coke	100,0	107,0	134,8	119,2	100,0	120,7	107,0	122,5	130,0	100,9	109,9
Chemical cargo <sup>1</sup>	100,0	107,0	118,0	150,0	100,0	120,7	107,0	109,0	148,9	109,1	109,8
Grain and milled products	100,0	103,3	118,3	138,8	105,7	120,7	106,1	109,6	137,7	112,0	109,8
Lumber cargo <sup>2</sup>	99,9	107,0	118,0	150,0	100,0	120,7	106,9	109,0	148,9	109,1	109,9
Cement	100,0	105,0	115,0	150,0	100,0	120,7	105,0	107,5	147,1	109,1	109,8

<sup>1</sup> Paintwork material, glues, oxides, carbohydrates, etc

<sup>2</sup> Round, mine timbers, sawnwood, etc

**4.13. Tariff indices for transportation of cargo by pipelines**

(percent)

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

## 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.

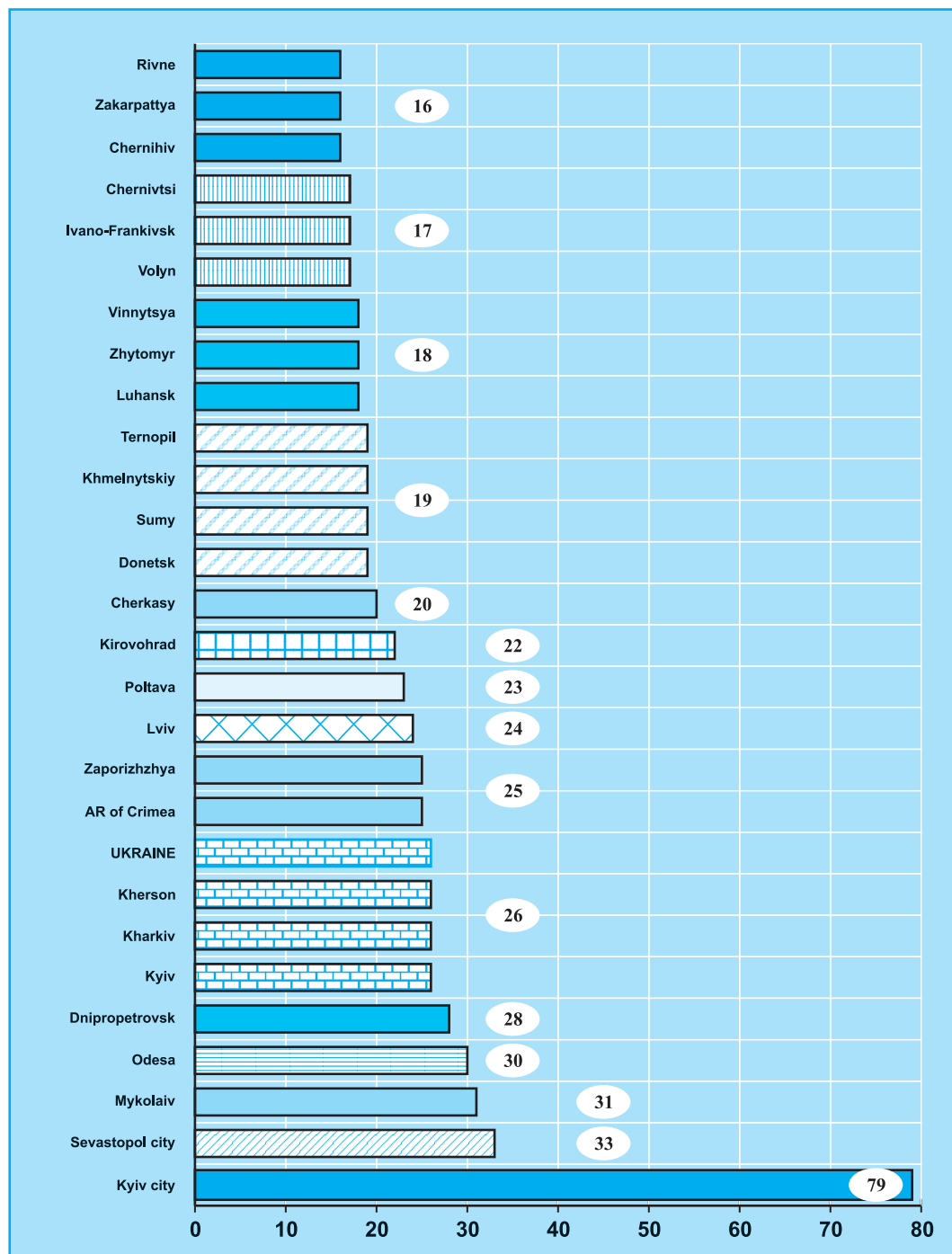
Data given in the section demonstrate the changes in the quality and the structure of the Business register units in accordance with regions, the types of the economic activities, the organization and the legal forms of business.

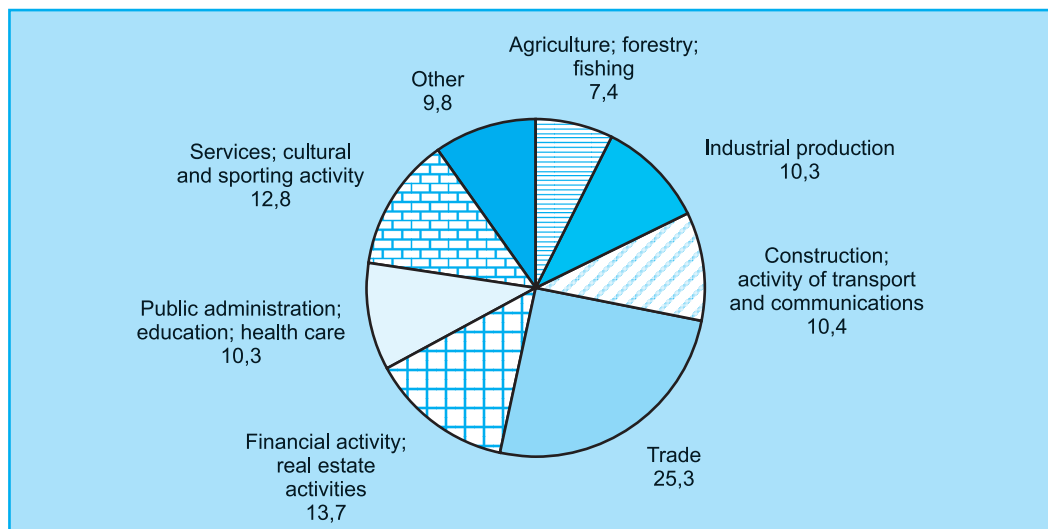


## UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANIZATIONS OF UKRAINE

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

**5.2. Business register units, by region***(as of January 1, 2008; per 1000 population)*

**5.3. Business register units, by type of economic activity***(as of January 1, 2008; percent)***5.4. Business register units, by the legal status and type of economic activity***(as of January 1, 2008)*

	Total	Including	
		with status of the legal person	without status of the legal person
<b>Total</b>	<b>1187020</b>	<b>1125671</b>	<b>61349</b>
Agriculture, hunting, forestry	86567	85029	1538
Fishing, fishery	1836	1781	55
Industrial production	122781	116113	6668
mining	4164	3784	380
manufacturing	113109	108044	5065
production and distribution of electricity, gas and water	5508	4285	1223
Construction	85820	82859	2961
Trade; repair of motor vehicles, household appliances and personal demand items	299887	283947	15940
Activity of hotels and restaurants	21718	20176	1542
Activity of transport and communications	37210	33128	4082
Financial activity	18401	11939	6462
Real estate transactions, renting, engineering and provision of services to businessmen	143914	135679	8235
Public administration	50794	47862	2932
Education	42592	40221	2371
Health care and provision of social aid	28947	27333	1614
Provision of communal and individual services; cultural and sporting activity	152190	147632	4558

UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANIZATIONS OF UKRAINE

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

## UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANIZATIONS OF UKRAINE

Table 5.5 is continued

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

<sup>1</sup> 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, 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).

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 Output (NIO)*.

The recording of fuels and energy is made in the physical units of measurement: tonnes, 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	2001	2002	2003	2004	2005	2006	2007 <sup>1</sup>
	bln. KRB		mln. UAH							

### Capital assets

(at current prices, end of year)

474 10865152 828822 915477 964814 1026163 1141069 1276201 1568890 1969888

### Indices

of capital assets, percent

of 1990	100,0	107,5	110,6	113,4	114,6	118,4	123,4	128,0	134,3	140,1
of the previous year	103,1	99,0	101,0	102,4	101,1	103,3	104,2	103,7	104,9	104,3

<sup>1</sup> Preliminary data

## 6.2. Capital assets, by type of economic activity

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

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

MATERIAL AND ENERGY RESOURCES

**6.3. Indices of capital assets, by type of economic activity**

*(percentage of the previous year)*

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



MATERIAL AND ENERGY RESOURCES

**6.4. Capital assets, by region**

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

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

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

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

MATERIAL AND ENERGY RESOURCES

**6.7. Degree of depreciation of capital assets, by region**

(percent)

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

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
<b>Total</b>	<b>43,7</b>	<b>45,0</b>	<b>47,2</b>	<b>48,0</b>	<b>49,3</b>	<b>49,0</b>	<b>51,5</b>
Agriculture, hunting, forestry	47,3	49,6	49,3	50,4	51,1	52,2	48,2
agriculture, hunting and related services	48,3	50,0	50,4	51,6	51,1	50,6	49,0
forestry and related services	48,8	49,0	47,3	49,4	49,6	48,4	49,0
Fishing, fishery	56,2	59,6	58,2	59,3	57,8	55,9	59,4
Industrial production	48,8	51,9	54,5	56,4	58,3	57,9	58,6
mining	41,8	44,4	45,5	49,1	49,6	49,6	49,9
manufacturing	52,0	55,1	55,4	55,8	59,3	59,2	60,0
production and distribution of electricity, gas and water	46,6	50,5	58,7	62,0	62,0	60,6	60,9
Construction	49,2	52,1	52,6	51,0	48,5	45,1	40,8
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
Activity of hotels and restaurants	36,0	35,4	35,7	35,2	33,3	31,6	37,7
Activity of transport and communications	50,5	50,2	49,8	49,0	49,9	48,5	60,4
Financial activity	23,1	20,9	22,2	23,2	23,8	29,6	26,7
Real estate transactions, renting, engineering and provision of services to businessmen	30,1	32,8	35,4	36,3	36,8	38,3	40,9
Public administration	47,0	22,7	31,4	32,7	39,8	42,2	40,8
Education	40,5	51,2	56,6	57,0	58,3	59,7	61,6
Health care and provision of social aid	37,8	42,1	49,1	50,3	47,2	47,4	45,7
Provision of communal and individual services; cultural and sporting activity	45,5	47,9	48,4	48,7	47,1	46,6	45,8

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, %
<b>Total</b>	<b>2006</b>	<b>1837530,7</b>	<b>100</b>	<b>463536,2</b>	<b>25,2</b>	<b>1035251,0</b>	<b>56,3</b>
	<b>2007</b>	<b>2312792,6</b>	<b>100</b>	<b>614412,3</b>	<b>26,6</b>	<b>1258420,9</b>	<b>54,4</b>
Agriculture, hunting, forestry	2006	30455,1	100	18246,5	59,9	19,7	0,1
	2007	36089,5	100	21374,9	59,2	0,9	0,0
Industrial production	2006	520474,8	100	338741,5	65,1	56183,0	10,8
	2007	671923,8	100	440634,3	65,6	73154,2	10,9
Construction	2006	70930,8	100	52124,4	73,5	141,6	0,2
	2007	105293,8	100	79341,8	75,3	11,2	0,0
Trade; repair of motor vehicles, household appliances and personal demand items	2006	923967,0	100	7555,9	0,8	856092,1	92,7
	2007	1145973,0	100	11469,7	1,0	1050002,5	91,6
trade in motor vehicles and motorcycles, maintenance and servicing	2006	98089,2	100	1177,4	1,2	89196,0	90,9
	2007	108340,5	100	1854,8	1,7	95904,5	88,5
wholesale trade and sale intermediation	2006	749217,7	100	4715,2	0,6	703035,7	93,9
	2007	935418,9	100	7223,1	0,8	869908,7	93,0
retail trade; repair of household appliances and personal demand items	2006	76660,1	100	1663,3	2,2	63860,4	83,3
	2007	102213,6	100	2391,8	2,3	84189,3	82,4
Activity of hotels and restaurants	2006	6907,9	100	3051,1	44,2	295,5	4,3
	2007	9010,7	100	3705,9	41,1	575,1	6,4
Activity of transport and communications	2006	93285,2	100	27335,6	29,3	11057,9	11,9
	2007	117925,7	100	34702,7	29,4	15416,6	13,1
Real estate transactions, renting, engineering and provision of services to businessmen	2006	78020,2	100	12521,6	16,0	21248,6	27,2
	2007	91308,1	100	17976,4	19,7	16191,7	17,7
Education	2006	1141,0	100	171,0	15,0	12,5	1,1
	2007	1338,4	100	223,9	16,7	0,0	0,0
Health care and provision of social aid	2006	3148,2	100	1199,1	38,1	25,8	0,8
	2007	3986,8	100	1470,0	36,9	1,0	0,0
Provision of communal and individual services; cultural and sporting activity	2006	10679,0	100	1825,2	17,1	221,3	2,1
	2007	14497,6	100	2286,7	15,8	172,4	1,2

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 labor		social contributions		other operational costs		
mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	
45045,2	2,5	107223,1	5,8	37524,0	2,1	148951,2	8,1	96,8
57923,0	2,5	137507,3	6,0	49563,5	2,1	194965,6	8,4	95,8
1813,5	5,9	5725,0	18,8	944,2	3,1	3706,2	12,2	97,6
2266,3	6,3	6515,0	18,1	1368,8	3,8	4563,6	12,6	92,3
18793,3	3,6	48850,8	9,4	18486,8	3,5	39419,4	7,6	94,3
24347,1	3,6	61361,4	9,1	23481,9	3,5	48944,9	7,3	93,7
1365,1	1,9	7616,9	10,8	2776,3	3,9	6906,5	9,7	98,6
1931,3	1,8	9958,2	9,5	3675,4	3,5	10375,9	9,9	98,2
3939,8	0,4	12264,8	1,3	4228,7	0,5	39885,7	4,3	98,2
5146,6	0,4	16808,3	1,5	6402,3	0,6	56143,6	4,9	97,9
797,0	0,8	1519,1	1,6	571,0	0,6	4828,7	4,9	98,5
993,4	0,9	2229,0	2,1	831,4	0,8	6527,4	6,0	97,7
2340,4	0,3	7390,6	1,0	2477,7	0,3	29258,1	3,9	98,0
2968,8	0,3	9878,6	1,1	3918,8	0,4	41520,9	4,4	97,7
802,4	1,0	3355,1	4,4	1180,0	1,5	5798,9	7,6	99,2
1184,4	1,2	4700,7	4,6	1652,1	1,6	8095,3	7,9	99,6
461,9	6,7	1344,0	19,4	456,8	6,6	1298,6	18,8	106,4
583,6	6,5	1742,4	19,3	598,9	6,7	1804,8	20,0	105,1
9438,7	10,1	16447,1	17,6	5875,1	6,3	23130,8	24,8	87,4
11819,3	10,0	20902,9	17,7	7515,7	6,4	27568,5	23,4	88,5
7631,5	9,8	9965,8	12,8	3176,7	4,1	23476,0	30,1	108,9
9601,0	10,5	13561,3	14,9	4397,4	4,8	29580,3	32,4	94,0
65,9	5,8	450,8	39,5	144,4	12,6	296,4	26,0	107,3
82,5	6,2	527,1	39,4	184,5	13,8	320,4	23,9	104,0
280,6	8,9	824,6	26,2	288,2	9,2	529,9	16,8	108,0
347,7	8,7	1061,8	26,6	374,2	9,4	732,1	18,4	105,3
961,0	9,0	2384,1	22,3	741,8	6,9	4545,6	42,6	104,6
1417,0	9,8	3166,9	21,8	1002,3	6,9	6452,3	44,5	105,3

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

**USES OF MATERIAL AND TECHNICAL AND ENERGY RESOURCES**

**6.11. Consumption of energy materials and refinery processing products in 2007, by the selected type of economic activity**

	Consumption <sup>1</sup>	Share of consumption, by the selected economic activities, percent				
		Agriculture, hunting, forestry	Industrial production	Construction	Activity of transport and communications	Enterprises and organizations of other types of activity
<b>Total, mln. t of conventional fuel</b>	<b>210,7</b>	<b>1,4</b>	<b>78,6</b>	<b>1,1</b>	<b>3,7</b>	<b>1,6</b>
Coal, mln. t	71,0	0,1	96,2	0,0	0,3	1,2
Natural gas, bln. cub. m	68,0	0,8	66,3	0,2	6,3	1,8
Crude oil (including gas condensate), mln. t	14,8	0,0	100,0	0,0	0,0	0,0
Gasoline, thsd. t	4821,8	6,2	8,8	2,9	3,6	8,7
Gas oil (diesel fuel), thsd. t	6050,5	19,4	20,0	7,2	22,1	5,6
Heavy fuel oil, thsd. t	1203,3	0,5	90,1	4,0	3,7	1,7
Kerosene, thsd. t	322,3	0,1	5,7	0,1	89,6	4,5
Liquefied propane and butane, thsd. t	312,7	1,6	18,4	1,3	4,9	8,5
Oil and lubricants, thsd. t	368,8	10,8	73,3	3,3	9,5	1,6
Coal briquettes, thsd. t	21,0	0,1	66,4	0,2	0,8	15,0
Non-agglomerated fuel peat, thsd. t, conventional moisture content	334,7	0,0	96,5	0,0	0,0	1,3
Firewood for the heating, thsd. densit cub. m	2511,9	7,4	4,9	0,4	1,1	12,2

<sup>1</sup> 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 <sup>1</sup>	2006 <sup>1</sup>	2007 <sup>1</sup>
<b>Total, mln. t</b>										
of conventional fuel	325,9	186,1	144,9	144,6	146,0	155,1	155,8	170,0	174,3	175,7
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
thermal power	14,7	13,8	10,4	10,4	10,0	10,1	10,0	10,6	10,5	9,7
electric power	18,2	20,6	20,2	20,2	20,0	19,7	20,5	19,9	19,9	20,4

<sup>1</sup> Fuel and energy resources spent for production, and communal and household needs

**6.13. Consumption structure of energy materials and refinery processing products<sup>1</sup>**

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
of which										
coal	24,7	29,8	22,4	22,8	22,6	22,3	22,0	22,4	24,6	25,2
coal briquettes	0,6	0,3	0,0	0,1	0,0	0,0	0,0	0,0	0,0	0,0
natural gas	28,2	37,8	44,6	40,0	37,9	39,2	38,9	40,7	39,5	37,1
crude oil (including gas condensate)	21,4	9,0	7,6	12,8	15,7	15,5	15,4	13,3	10,5	10,1
gasoline	3,0	2,5	2,5	2,6	2,7	2,5	2,6	2,7	3,2 <sup>2</sup>	3,4 <sup>2</sup>
gas oil (diesel fuel)	3,5	5,0	4,0	3,8	3,7	3,5	3,8	3,6	3,8 <sup>2</sup>	4,2 <sup>2</sup>
heavy fuel oil <sup>3</sup>	5,9	4,0	1,0	0,9	0,8	0,5	0,5	0,5	0,7	0,8
kerosene	0,1	0,1	0,2	0,1	0,1	0,1	0,1	0,0	0,0	0,0
non-agglomerated fuel peat	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

<sup>1</sup> See the footnote for Table 6.11

<sup>2</sup> Adjusted for amounts sold to households by service stations

<sup>3</sup> In 1990–2004, fuel oil

MATERIAL AND ENERGY RESOURCES

**6.14. Consumption of the selected energy materials and refinery processing products  
in 2007<sup>1</sup>, by region**

	Coal, thsd. t	Coal briquettes, thsd. t	Natural gas, mln. cub. m	Gasoline <sup>2</sup> , thsd. t	Gas oil (diesel fuel) <sup>2</sup> , thsd. t	Heavy fuel oil, thsd. t	Firewood for the heating, thsd. densit cub. m
<b>Ukraine</b>	<b>71009,8</b>	<b>21,0</b>	<b>67994,9</b>	<b>4821,8</b>	<b>6050,5</b>	<b>1203,3</b>	<b>2511,9</b>
Autonomous Republic of Crimea	143,5	—	1621,0	222,7	201,3	31,1	67,0
<b>oblasts</b>							
Vinnitsya	2206,0	0,2	1578,9	152,9	218,6	16,8	62,3
Volyn	98,3	—	668,5	101,3	157,0	5,8	141,4
Dnipropetrovsk	11968,2	—	7320,6	379,4	547,8	57,2	24,6
Donetsk	31175,4	—	10836,7	358,1	469,5	205,5	31,4
Zhytomyr	45,6	0,6	1020,3	121,1	149,4	2,5	312,7
Zakarpattia	27,8	0,7	839,4	131,3	129,9	3,1	119,7
Zaporizhzhya	4795,6	—	2977,8	229,8	240,9	12,8	19,6
Ivano-Frankivsk	4458,5	—	2497,7	103,9	285,4	10,7	46,3
Kyiv	1606,7	12,4	2894,7	300,5	291,4	12,4	77,7
Kirovohrad	303,5	5,3	644,0	106,4	137,0	9,5	105,1
Luhansk	8399,8	—	4831,8	181,0	205,8	716,1	60,7
Lviv	1156,2	—	2852,9	258,7	330,2	3,9	107,6
Mykolayiv	38,1	—	1477,4	115,3	199,0	5,2	28,5
Odesa	132,2	0,1	2773,6	288,9	411,8	37,2	41,1
Poltava	51,5	0,1	4490,5	173,2	324,1	27,7	52,2
Rivne	49,5	0,1	1529,5	78,3	149,9	1,9	124,6
Sumy	92,2	0,6	1744,8	113,2	119,9	0,2	127,3
Ternopil	35,7	0,0	877,9	82,3	121,4	0,2	35,5
Kharkiv	2790,6	—	4427,9	243,6	291,8	9,0	197,6
Kherson	67,5	—	545,9	126,1	150,7	5,4	81,2
Khmelnyskiy	435,9	0,7	1156,7	126,2	148,6	2,1	87,8
Cherkasy	279,5	0,1	2754,0	158,2	198,5	4,7	114,9
Chernivtsi	51,6	0,1	454,3	79,9	96,0	0,5	133,8
Chernihiv	337,3	—	1178,2	99,6	102,7	3,2	275,1
<b>cities</b>							
Kyiv	254,1	—	3769,5	455,0	343,1	2,2	35,2
Sevastopol	8,9	—	230,3	34,9	28,8	16,3	0,9

<sup>1</sup> See the footnote for Table 6.11

<sup>2</sup> See the second footnote for Table 6.13

MATERIAL AND ENERGY RESOURCES

**6.15. Costs structure of energy materials and refinery processing products in 2007,  
by consumption pattern**

(percent)

	Consumption <sup>1</sup>	Of which			
		for conversion to other fuels and energy	for non-energy purposes	final consumption <sup>2</sup>	distribution, transportation and storage losses
<b>Total</b>	<b>100,0</b>	<b>54,2</b>	<b>5,2</b>	<b>39,9</b>	<b>0,7</b>
Coal	100,0	90,4	2,2	7,4	0,0
Natural gas	100,0	35,9	9,8	52,6	1,7
Crude oil (including gas condensate)	100,0	99,8	0,1	0,0	0,1
Gasoline	100,0	0,0	0,0	100,0	0,0
Gas oil (diesel fuel)	100,0	0,5	2,8	96,7	0,0
Heavy fuel oil	100,0	74,4	0,9	24,7	0,0
Kerosene	100,0	0,0	2,0	98,0	0,0
Liquefied propane and butane	100,0	0,0	0,5	98,6	0,9
Oil and lubricants	100,0	0,0	96,2	3,8	0,0
Coal briquettes	100,0	8,9	35,5	55,6	0,0
Non-agglomerated fuel peat	100,0	79,7	6,0	13,3	1,0
Firewood for heating	100,0	8,7	1,3	90,0	0,0

<sup>1</sup> Including losses owing to conversion and technical processes

<sup>2</sup> See the footnote for Table 6.11

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Output of secondary fuel energy resources, thsd. t of conventional fuel	18863,6	4535,2	7156,5	6872,3	10037,3	11044,8	11963,1	11119,2	11622,1	12460,6
Utilization rate, percent	82,8	93,6	92,3	92,6	91,0	89,5	88,7	87,3	88,8	88,3
Output of secondary heat energy resources, thsd. of Gcal	27029,4	11460,2	10073,0	11222,3	12010,6	13273,5	13223,1	13429,0	13512,9	14425,2
Utilization rate, percent	93,1	95,7	93,8	95,0	95,0	93,8	93,3	92,4	95,9	97,1

MATERIAL AND ENERGY RESOURCES

**6.17. Uses of the secondary raw materials**

(thsd. t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Worn tyres	33,0	3,1	6,8	7,3	6,3	6,7	8,2	7,8	7,6	8,0
Waste secondary polymer	50,2	9,8	5,3	9,0	8,3	10,1	13,2	15,2	20,2	28,0
Scrap metal, including ferrous metals, mln. t	27,2	9,7	15,9	13,4	13,5	14,6	16,3	15,6	16,5	17,5
Cullet	200,6	99,0	67,2	76,0	94,9	97,4	139,4	204,8	238,4	263,4
Waste secondary textile	135,6	21,6	11,7	8,2	8,4	9,6	9,3	9,4	8,7	9,0
Green vitriol	125,9	4,1	9,0	16,5	17,9	17,0	22,0	47,2	39,8	57,0
Sulphuric acid	126,4	40,3	77,5	94,1	47,7	42,2	56,7	57,7	59,9	56,0
Waste and refuse										
paper and cardboard <sup>1</sup>	640,2	189,4	292,3	345,0	377,1	446,3	462,7	521,0	570,1	644,0
wood, mln. densit cub. m	5,1	1,3	0,4	0,4	0,9	0,4	0,9	1,0	1,0	1,1
leather <sup>2</sup>	58,6	7,3	5,2	5,9	4,1	3,8	4,8	4,3	3,7	5,0
graphite-containing	30,6	9,5	13,2	14,7	14,1	13,8	8,1	10,2	9,7	9,2
iron-containing	5433,2	2886,1	3629,3	5264,7	13980,3	14613,7	13906,1	13907,3	4634,9	15696,3
lime	3412,0	726,3	367,8	825,6	844,9	932,1	1017,1	987,2	826,7	666,8
chalk	288,6	39,1	3,1	2,2	11,0	0,4	—	—	—	—
from coal mining and enrichment, mln. t	10,6	5,1	2,7	3,5	3,7	2,3	2,3	3,1	3,0	2,7
from construction output (concrete and ferroconcrete), thsd. cub. m	7,9	0,7	2,4	7,3	3,2	7,8	6,1	7,1	6,9	8,4

<sup>1</sup> In 1990–2002, waste

<sup>2</sup> 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	2006	2007	2006	2007	2008
Finished rolled ferrous metals, thsd. t	4683,9	4743,1	5351,4	641,0	615,1	728,5
Pipes of large and small diameter, hollow shapes made of ferrous metals, thsd. t	473,0	495,1	516,9	194,1	230,4	230,6
Wire made of steel, thsd. t	107,9	101,1	166,8	37,7	11,9	17,4
Prefabricated construction structures made of cast iron and steel, thsd. t	59,9	48,3	50,8	16,2	14,4	10,8
Prefabricated construction structures made of aluminium, thsd. t	2,4	0,8	1,0	0,2	0,1	0,5
Aluminium rolled stock, thsd. t	26,8	33,9	37,7	9,1	8,0	8,4
Copper rolled stock, thsd. t	14,1	18,2	25,7	3,3	2,4	2,4
Brass-mill products, thsd. t	3,4	3,5	3,2	2,1	1,9	1,9
Bronze rolled stock, thsd. t	0,8	0,8	0,9	0,8	0,7	0,6
Green unalloyed primary aluminium, thsd. t	43,9	30,7	29,0	1,0	1,5	1,8
Green unalloyed secondary aluminium, thsd. t	31,0	35,1	39,0	5,6	5,8	6,0
Green zinc, thsd. t	31,3	29,2	31,8	1,6	2,5	2,2
Fine copper and green copper alloys; addition alloys based on copper, thsd. t	15,5	11,7	17,0	0,9	0,6	1,0
Sodium hydroxide (hydrate of sodium), thsd. t	232,9	204,1	209,3	10,1	9,9	8,2
Sodium carbonate (soda ash), thsd. t	371,9	370,4	403,4	16,2	18,3	14,9
Tyres for trucks and buses, thsd. pcs	441,0	441,7	502,9	92,9	93,9	123,7
Tyres for agricultural, forestry machinery and similar equipment, thsd. pcs	173,6	154,8	194,7	52,9	69,5	55,9
Tyres for cars, thsd. pcs	592,3	1007,1	951,7	80,8	105,2	137,6
Wood cut up or chopped more than 6 mm, thsd. cub. m	1618,4	1644,9	1630,9	194,1	212,6	293,3
Hardboards and other wood products, thsd. of conventional sq. m	3992,6	4472,5	5428,3	443,1	530,1	829,6
Cement, thsd. t	2832,3	3355,6	4186,4	198,1	283,9	308,7
Corrugated plates, asbestos sheeting and other asbestos cement products, mln. sq. m	36,4	68,8	31,5	10,0	10,2	8,5
Cast, rolled, blown or stretched, sheet or sectioned glass, thsd. sq. m	2709,9	2992,5	4897,2	992,5	1229,9	1169,4
Float glass and sheet glass with polished burnished surface, thsd. sq. m	481,3	1778,0	4103,8	145,7	402,0	718,7
Insulated, winding wire, thsd. t	24,8	8,9	8,9	3,1	2,5	3,0
Low-voltage electric wires and cables with 1000 voltage and less, thsd. km	347,0	361,4	269,0	135,9	122,2	171,9
High-voltage electric wires and cables with 1000 voltage and more, thsd. km	11,5	14,6	11,5	6,9	4,2	12,4

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 <sup>1</sup> , percent			
	2000	2005	2006	2007	2000	2005	2006	2007	2000	2005	2006	2007
<b>Total</b>	<b>184192,4</b>	<b>231189,5</b>	<b>288745,6</b>	<b>354703,0</b>	<b>41,2</b>	<b>65,0</b>	<b>49,0</b>	<b>53,4</b>	<b>43,4</b>	<b>8,3</b>	<b>7,0</b>	<b>5,7</b>
including												
waste polymer	9,6	21,0	25,1	32,0	55,6	72,4	80,5	87,6	1,9	8,7	4,9	6,2
waste textile	6,0	4,9	5,6	5,1	100,0	100,0	100,0	100,0	14,1	20,0	16,8	18,9
purchased cullet	39,5	106,8	102,1	129,5	100,0	100,0	100,0	100,0	1,3	1,6	3,2	1,2
industrial slag												
backshot cinder	12259,4	14141,1	15416,3	16360,5	62,3	66,6	62,1	71,1	0,6	—	—	—
steel smelting slag	4974,1	7073,7	7675,4	7959,3	39,2	82,3	72,5	59,2	2,8	13,0	12,5	12,1
ferroalloy slag	1121,7	1261,4	1434,8	1666,0	65,2	98,9	84,6	86,0	—	—	0,3	0,1
cindery from thermal power plants and local boilers	10198,6	7952,7	14565,3	8793,7	10,1	20,0	13,7	14,6	4,7	7,2	5,6	9,8
waste and refuse												
paper and cardboard <sup>2</sup>	41,2	85,4	113,7	127,1	100,0	100,0	100,0	100,0	2,3	3,2	3,3	2,9
wood, thsd. densit cub. m	1378,8	1863,7	1910,3	2177,4	51,8	52,2	51,0	52,0	22,2	21,6	22,5	24,7
leather <sup>3</sup>	9,4	9,2	10,9	10,9	55,3	46,8	34,3	45,2	12,2	18,3	23,6	24,5
graphite containing	11,7	10,1	10,6	8,9	100,0	100,0	91,5	100,0	—	0,3	0,2	0,1
from coal mining and enrichment	34457,4	28191,9	31063,1	30706,2	8,0	11,1	9,8	8,9	100,0	20,6	16,8	15,8
from construction (concrete and ferroconcrete), thsd. cub. m	26,2	244,2	279,3	85,0	9,1	2,9	2,5	9,9	83,3	100,0	100,0	100,0
solid domestic	1459,1	3527,0	3618,4	4387,5	2,2	2,3	2,1	3,2	100,0	100,0	100,0	100,0

<sup>1</sup> In 2000, proportion of secondary materials, crushed or dumped

<sup>2</sup> See the first footnote for Table 6.17

<sup>3</sup> 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)**

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW·h		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Supply of electric power produced by heat and power plants of general use, thsd. kW·h	304,7	309,3	314,5	—	—	—	—	—	—
Supply of electric power produced by HPP isolated generating plants, thsd. kW·h	367,6	378,5	383,8	997,0	997,0	996,9	—	—	—
Supply of electric power produced by HPPs not connected to electric power system, thsd. kW·h	238,4	212,1	203,3	—	—	—	—	—	—
Supply of electric power produced by thermal power plants of general use excluding HPPs, thsd. kW·h	400,6	397,6	394,1	—	—	—	—	—	—
Supply of electric power produced by thermal power plants not connected to electric power system, excluding HPPs, thsd. kW·h	206,7	193,8	199,1	—	—	—	—	—	—
Supply of heat power produced by power plants, Gcal	170,9	170,5	171,5	—	—	—	—	—	—
Supply of heat power produced by boilers, Gcal	165,2	164,8	164,5	—	—	—	29,8	29,6	31,3
Output of crude oil, t	13,0	12,7	13,9	41,7	38,6	35,4	84,5	81,0	89,2
Primary oil refining, t	31,1	32,9	32,1	75,8	86,3	93,0	21,6	24,2	22,6
Output of non-agglomerated hard coal, t	—	—	—	40,3	43,1	41,1	84,8	92,9	92,9
Output of non-agglomerated brown coal (lignite), t	—	—	—	53,8	32,0	44,7	78,2	59,6	50,2
Output of briquettes, pillets and other solid fuels made of brown coal (lignite), t	—	—	—	1950,4	2119,3	3938,7	142,7	177,7	196,0
Output of non-agglomerated iron ores and concentrated products, t	—	—	—	—	—	—	109,5	106,6	104,8
Output of agglomerated iron ores and concentrated products excluding burnt pyrites, t	—	—	—	—	—	—	40,0	67,4	64,5
Output of processed pig iron, billet iron or other primary forms, t	628,9	625,9	625,5	49,1	49,4	48,3	13,1	12,5	13,1
Output of foundry iron, t	637,0	626,1	664,3	60,9	65,0	38,3	203,8	253,2	180,8
Output of carbon open-hearth steel for moulding, t	64,4	67,4	65,2	—	—	—	28,7	28,1	26,5
Output of ingots made of carbon open-hearth steel, t	115,6	108,3	105,1	28,8	25,6	24,6	16,8	15,0	15,7
Output of basic oxygen steel for moulding, t	0,9	0,8	1,1	—	—	—	35,4	34,0	31,4
Output of ingots made of carbon basic oxygen steel, t	2,9	2,4	2,4	15,1	13,6	12,7	30,0	28,0	27,7

MATERIAL AND ENERGY RESOURCES

Table 6.20 is continued

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW·h		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Output of carbon electric steel for moulding, t	109,7	88,5	86,8	101,6	99,1	99,7	930,6	957,0	950,5
Output of ingots made of carbon electric steel, t	33,2	40,0	48,5	96,4	95,2	96,6	807,8	725,5	791,6
Output of bars and other rolled products or hot drawing products and products forged from stainless steel, t	406,2	406,2	406,4	125,5	125,5	125,5	1298,1	1303,8	1261,8
Output of hot-rolled products (excluding products from stainless and fast cutting steel), t	113,5	97,3	104,2	27,6	23,2	23,1	97,0	101,9	105,9
Output of cold rolled sheet products, 600 mm wide and more (excluding products from stainless and fast cutting steel), t	27,5	25,3	25,7	242,4	301,4	301,8	117,0	121,6	124,9
Output of tinned plate, t	271,0	70,1	80,3	90,6	88,2	88,7	61,3	91,0	81,0
Output of flat products of 600 mm wide and more made of carbon steel with metal coating excluding aluminium, t	48,6	42,8	41,3	194,0	179,1	179,1	124,0	129,3	119,6
Output of rolled or hot drawing wire steel made of alloy steel excluding stainless and fast cutting steel, t	57,5	55,2	54,8	22,7	15,5	14,3	116,4	107,3	105,4
Output of other cores and bars (bar-rolled stock) excluding stainless and fast cutting steel, t	84,2	98,5	93,4	30,6	23,7	22,6	139,5	126,0	117,3
Output of large section bars made of carbon steel, t	86,3	87,7	84,2	37,9	34,8	38,5	83,7	85,8	83,1
Output of ferrous metal structures for rails, t	—	178,4	152,5	435,2	422,0	414,2	89,0	84,5	83,1
Output of pipes and small-diameter tubes, hollow profiles made of foundry iron, t	236,8	80,2	80,0	—	—	—	203,2	201,3	400,3
Output of large and small-diameter pipes, hollow profiles made of ferrous metals, t	135,7	123,4	141,4	129,6	127,6	115,7	215,6	197,4	192,4
Output of other cores and bars made of carbon steel, t	157,6	117,8	113,3	131,3	131,2	131,3	344,3	218,9	224,5
Output of cast-iron or carbon steel angle bars and profiles; cores and bars made of other alloy steel, t	456,1	456,1	456,1	130,9	130,7	130,7	987,1	987,1	987,1
Output of wire produced through drawing, t	43,4	38,0	29,3	169,6	128,2	97,3	363,7	325,8	258,6
Output of ferroalloys, t	651,1	527,1	438,5	490,0	740,3	104,2	4217,2	4115,7	4086,1
Output of hard coal coke and char, t	—	—	—	278,1	272,1	258,0	59,1	58,8	57,1



MATERIAL AND ENERGY RESOURCES

Table 6.20 is continued

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW·h		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Output of raw (green) or unreified sulphur (including extracted sulphur), t	64,4	55,0	63,7	4272,9	1370,8	542,3	39,5	145,6	244,3
Output of sublimated or precipitated sulphur, colloidal sulphur, t	—	—	—	709,8	710,0	356,7	202,2	202,2	202,1
Output of synthetic ammonia, t	—	—	—	281,8	279,4	274,8	258,8	266,2	264,3
Output of sulphuric acid, t	6,8	5,3	4,5	136,6	146,7	89,4	120,6	124,4	118,6
Output of soda ash (caustic ash), t	—	—	—	2363,8	2339,8	2269,3	230,6	226,3	213,0
Output of sodium hydroxide (caustic soda), t	—	—	—	4026,3	3727,5	3613,9	3198,3	3269,4	3359,0
Output of mineral or chemical nitrogen fertilizers, t	6,6	14,9	—	452,7	599,1	483,7	81,4	119,0	84,5
Output of mineral or chemical phosphatic fertilizers, t	277,8	239,8	248,9	—	—	446,4	—	—	392,0
Output of synthetic fibers, t	—	—	—	19886,7	4804,9	4089,3	8391,9	5418,7	4822,0
Output of portland cement, aluminous, permetallogical, clinker, and similar hydraulic cement <sup>1</sup> , t	125,0	129,9	136,7	—	—	—	109,3	108,1	108,2
Output of quick lime, t	194,7	189,3	177,3	—	—	—	40,4	38,0	37,3
Output of construction ceramic non-firesafe bricks, thsd. pcs of conventional bricks	194,7	196,0	199,6	—	—	—	102,8	109,7	109,2
Output of silicate bricks, thsd. pcs of conventional bricks	—	4,8	—	359,2	344,6	361,5	45,6	45,0	46,9
Output of cast, rolled, blown or stretched, sheet or sectioned glass not processed through other method, sq. m	63,9	48,2	66,0	—	—	—	12,7	10,7	13,9
Output of fabrics, thsd. sq. m									
cotton	—	—	—	1948,5	1871,4	1427,3	1462,0	1367,9	1233,7
linen with 85 % and more flax	—	—	—	3253,6	2638,0	1900,0	2149,9	1212,3	1196,7
linen with 85 % and less flax combined with cotton	—	—	—	3249,6	2638,7	1895,3	2216,5	1011,5	1094,6
Output of knitted hosiery produced by machines or handmade, thsd. pairs	—	220,0	101,7	681,8	520,8	509,7	404,4	395,9	415,2
Output of leather footwear, thsd. pairs	—	—	—	4347,6	3529,3	1709,2	2018,1	2115,0	1586,6
Output of bakery products, cakes and rich fermented products, t	107,4	120,1	114,5	339,8	367,5	361,1	101,9	103,4	109,5

# MATERIAL AND ENERGY RESOURCES

Table 6.20 is continued

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW·h		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Output of gingerbreads and similar products, sweet biscuits and waffles, t	106,6	103,7	100,6	423,0	370,9	245,1	207,0	196,1	199,5
Output of dried flatbread, rusk, toast bread and similar products, t	168,8	208,1	201,5	490,4	546,9	444,4	152,7	227,5	245,5
Output of cakes, confectionery products, other bakery products with sweeteners, t	109,3	209,2	142,5	756,6	670,9	476,0	240,0	296,6	428,0
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	—	—	—	824,5	1044,3	877,1	146,3	301,5	284,5
Output of butter, t	—	—	—	2318,2	2457,8	1709,0	172,8	184,8	178,8
Output of natural canned vegetables, t	106,4	142,1	386,9	935,7	1119,0	1125,0	90,8	98,5	116,5
Output of ready-made and canned fruit products, t	107,4	67,9	71,2	297,7	185,3	118,9	45,4	46,2	43,4
Output of non-denaturized ethyl alcohol with at least 80 % of turns, dal	—	—	—	49,7	48,2	44,7	1,9	1,8	1,8
Activity of pipeline transport in transporting crude oil and oil products, thsd. tkm	—	—	—	—	—	—	7,7	7,5	6,8
Activity of pipeline transport in transporting gas, mln. cub. m·km	23,8	26,4	26,1	2,0	1,9	1,9	1,8	2,2	3,0
Services rendered by transport infrastructure for rail transport, 10 thsd. tkm (gross)	—	—	—	—	—	—	21,4	21,8	19,2

<sup>1</sup> Before 2007, cement making

## 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	2000	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>385,3</b>	<b>402,3</b>	<b>298,9</b>	<b>304,7</b>	<b>289,1</b>	<b>298,6</b>	<b>299,4</b>	<b>0,3</b>	<b>0,4</b>	<b>0,4</b>	<b>0,4</b>	<b>0,6</b>	<b>0,7</b>	<b>0,4</b>
including														
<b>oblasts</b>														
Vinnitsya	22,1	22,9	23,4	23,7	24,0	29,7	25,1	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	0,2	0,1	0,1	0,3	0,6	0,8	0,4
Donetsk	128,4	134,7	69,7	72,4	74,8	77,5	79,9	0,0	0,5	0,6	0,6	0,4	0,7	0,2
Zaporizhzhya	23,6	24,4	24,7	25,0	25,4	25,8	25,8	1,3	0,9	0,5	0,6	1,1	1,6	0,4
Ivano-Frankivsk	28,5	31,7	30,2	30,7	31,4	32,3	33,2	0,3	0,5	0,6	0,2	0,3	0,2	0,3
Luhansk	46,5	47,8	8,1	8,5	9,0	7,3	8,0	0,0	0,0	0,1	0,1	0,1	0,1	0,2
Kharkiv	24,8	25,9	26,3	26,8	27,4	28,1	28,7	0,5	0,9	0,3	0,05	0,1	—	0,1

## 7. INDUSTRY

**Volume indices for industrial output** are calculated on the basis of enterprise data on value of products (operations, services) produced at comparable prices.

During 1991–1995 comparable prices of the relative year have been applied. Comparability with the previous years was reached through adjusting the previous year output at current prices.

Starting from 1996, monthly production indices are used.

Volume indices of industrial production over long periods 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.

**Labour productivity indices** are estimated as the ratio of volume indices for industrial output and the number of industrial employees.

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, ect.). 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 <sup>1</sup>
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	32,2
Industrial fixed assets	32,4	31,5	34,4	34,0	35,2	35,3	36,9	35,9	33,5	32,8
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	46,1

<sup>1</sup> Preliminary data

## INDUSTRY

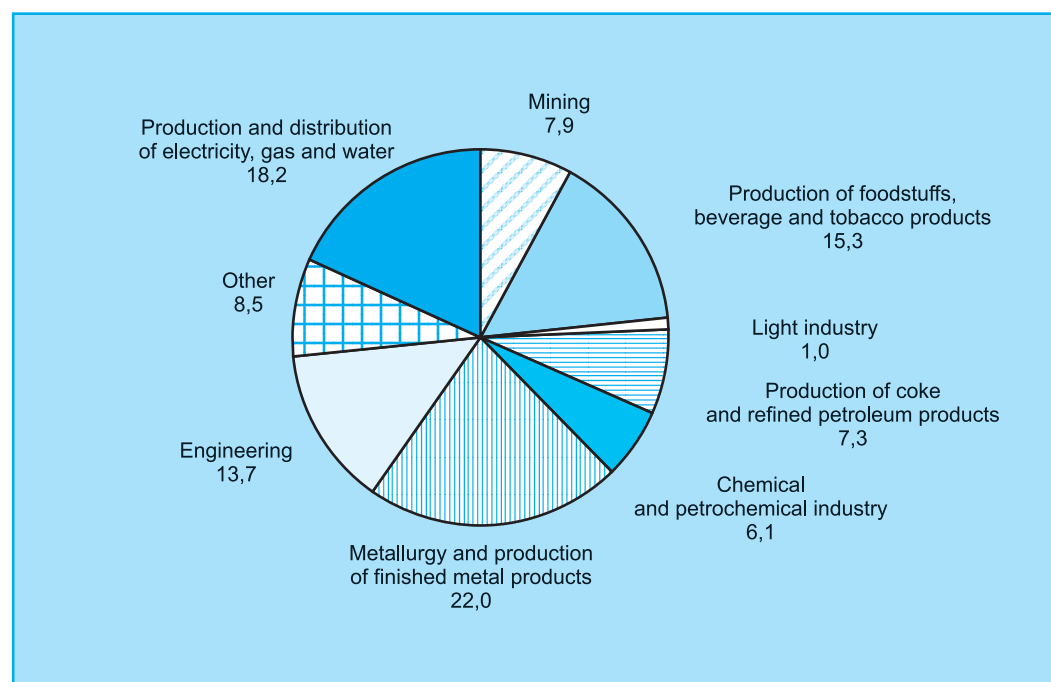
### 7.2. Basic indicators of industrial production

	2000	2001	2002	2003	2004	2005	2006	2007
Industrial products sold (at current prices), mln. UAH	182718,3	210842,7	229634,4	289117,3	400757,1	468562,6	551729,0	717076,7
Industrial fixed assets (at current prices; end of year), mln. UAH	285328	311089	339259	362598	420080	456738	525222	645443 <sup>1</sup>
Profitability of operations of manufacturing enterprises, percent	4,8	3,7	2,6	3,3	4,7	5,5	5,8	5,8
Share of loss-making enterprises, percent	42	41	42	40	38	37	35	33
Average annual number of industrial employees, thsd.	4461,8	4267,2	4063,5	3943,6	3941,2	3913,3	3851,9	3690,0
Average monthly nominal wages of industrial employees, UAH	291,16	375,16	455,85	553,59	697,42	912,83	1144,59	1481,96

<sup>1</sup> See the footnote to Table 7.1

### 7.3. Industrial products sold in 2007, by type of activity

(percent of total)



INDUSTRY

**7.4. Industrial enterprises, by type of activity**

	2001	2002	2003	2004	2005	2006	2007
<b>Industrial production</b>	<b>47348</b>	<b>50302</b>	<b>52336</b>	<b>53497</b>	<b>54558</b>	<b>54408</b>	<b>54925</b>
Mining	1057	1144	1141	1271	1360	1517	2108
mining of fuel and energy minerals	430	463	392	413	454	474	555
mining operations apart from fuel and energy materials	627	681	749	858	906	1043	1553
Manufacturing	44583	47072	48740	49584	50487	50038	49886
including							
production of foodstuffs, beverages and tobacco products	9079	9107	9167	8777	8607	8379	7844
light industry	4398	4671	4847	4858	4746	4554	4296
textile industry; sewing of clothes, fur and fur articles	3667	3933	4114	4147	4050	3906	3689
production of leather, leather articles and other materials	731	738	733	711	696	648	607
wood working and production of wood products apart from furniture	3653	4016	4120	4215	4209	4133	4098
cellulose and paper industry; printing	5314	5751	6136	6431	6683	6661	6720
production of coke and refined petroleum products	159	200	183	190	223	216	222
chemical and petrochemical industry	2802	3060	3289	3419	3672	3804	3982
production of chemicals	1443	1542	1601	1641	1699	1644	1654
production of rubber and plastic products	1359	1518	1688	1778	1973	2160	2328
production of other non-metallic mineral products	2941	3061	3164	3320	3420	3531	3799
metallurgy and production of finished metal products	2910	3138	3345	3572	3817	4079	4268
engineering	10345	10898	11150	11267	11448	11097	11073
manufacture of machinery and equipment	4842	5051	5286	5303	5269	5175	5085
manufacture of electrical, electronic and optical equipment	4471	4735	4693	4764	4905	4805	4847
manufacture of transport vehicles and equipment	1032	1112	1171	1200	1274	1117	1141
Production and distribution of electricity, gas and water	1708	2086	2455	2642	2711	2853	2931

INDUSTRY

**7.5. Industrial output indices, by type of activity**

*(percent of the previous year)*

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

INDUSTRY

7.6. Industrial output indices, by region

(percent)

	1990=100										To the previous year						
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2001	2002	2003	2004	2005	2006	2007	
<b>Ukraine</b>	<b>52</b>	<b>58</b>	<b>66</b>	<b>71</b>	<b>82</b>	<b>92</b>	<b>95</b>	<b>101</b>	<b>111</b>	<b>114</b>	<b>107</b>	<b>116</b>	<b>113</b>	<b>103</b>	<b>106</b>	<b>110</b>	
Autonomous Republic of Crimea	47	44	48	45	54	69	78	80	90	109	93	119	128	114	103	112	
<b>oblasts</b>																	
Vinnitsya	64	56	61	64	71	80	90	96	104	109	104	112	112	113	106	109	
Volyn	34	48	58	65	79	97	118	141	202	121	112	122	123	122	119	144	
Dnipropetrovsk	44	48	52	55	60	66	71	77	82	109	104	110	110	107	108	107	
Donetsk	49	52	56	58	69	78	72	76	82	106	104	119	112	92	106	108	
Zhytomyr	46	39	44	46	56	66	75	79	86	114	104	122	119	113	105	109	
Zakarpattia	38	67	82	91	131	168	180	230	276	122	112	144	127	108	127	120	
Zaporizhzhya	74	106	109	110	133	158	164	179	212	102	101	121	119	104	110	119	
Ivano-Frankivsk	68	46	57	70	90	99	104	95	91	125	123	128	111	105	91	96	
Kyiv	64	62	68	72	84	97	114	130	141	110	105	117	116	118	114	108	
Kirovohrad	49	38	44	45	56	75	83	93	102	114	104	124	134	110	112	110	
Luhansk	38	47	61	64	72	79	81	82	95	130	104	112	111	102	102	116	
Lviv	40	31	45	51	58	63	59	64	72	143	114	114	109	93	108	113	
Mykolayiv	78	80	88	90	101	116	124	132	142	110	103	112	115	107	106	108	
Odesa	83	80	104	112	132	128	128	116	135	130	108	118	97	99	91	117	
Poltava	56	40	53	72	79	87	85	91	93	133	138	109	110	98	107	103	
Rivne	51	50	55	55	67	77	87	95	106	110	101	121	115	113	109	112	
Sumy	45	41	44	45	53	57	65	67	73	107	103	117	108	113	104	108	
Ternopil	46	50	59	61	82	83	91	107	117	119	103	135	102	109	118	109	
Kharkiv	44	45	52	55	61	71	80	84	92	117	105	111	116	113	106	110	
Kherson	51	42	53	55	64	63	55	45	49	125	105	116	98	88	81	109	
Khmelnyskiy	60	54	60	62	71	80	95	107	123	111	103	114	113	119	113	115	
Cherkasy	61	54	61	65	83	93	106	110	137	112	108	128	112	114	104	125	
Chernivtsi	44	49	55	57	72	77	84	91	110	112	103	127	106	110	108	121	
Chernihiv	47	44	50	52	58	64	71	73	77	113	105	110	110	111	103	106	
<b>cities</b>																	
Kyiv	60	97	114	124	142	168	194	214	233	118	108	114	119	115	110	109	
Sevastopol	76	137	156	166	179	225	263	356	379	114	106	108	126	117	136	106	

INDUSTRY

**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
<b>Production of foodstuffs, beverages and tobacco products</b>	<b>118,2</b>	<b>108,4</b>	<b>120,0</b>	<b>112,4</b>	<b>113,7</b>	<b>110,0</b>	<b>110,0</b>
including							
output of meat and meat products	89,2	130,0	126,1	115,3	111,6	113,6	118,0
output of fish products	146,0	127,8	104,5	135,0	141,3	112,7	121,7
processing and preserving vegetables and fruit	127,3	122,5	139,3	120,3	129,8	111,8	114,6
output of oil and fats	97,2	110,0	132,8	109,1	107,9	125,3	106,8
output of dairy products and ice-cream	134,9	98,1	113,6	120,7	115,6	93,5	111,3
output of products by flour-milling and groats industry, starch and starch products output	106,0	102,9	105,1	116,3	95,3	94,2	112,4
output of other foodstuffs	118,9	102,4	120,8	103,3	107,4	113,6	98,2
of which							
output of bread and bread products	103,0	98,0	107,2	105,7	103,0	100,6	101,1
output of sugar	118,7	97,3	142,9	99,5	109,1	134,9	71,9
output of cocoa, chocolate and sugar-based confectionery	115,8	101,3	111,9	112,5	111,2	100,7	109,6
output of macaroni products	102,8	96,2	103,9	95,3	118,4	107,3	105,8
output of beverages	123,3	116,2	118,0	115,7	124,0	109,6	116,2

**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
<b>Production of coke and refined petroleum products</b>	<b>154,3</b>	<b>125,5</b>	<b>108,7</b>	<b>103,4</b>	<b>86,6</b>	<b>87,9</b>	<b>103,3</b>
including							
output of coke	102,7	96,8	115,7	107,1	87,5	99,8	107,3
output of refined petroleum products	179,6	135,1	106,7	101,8	85,6	82,2	101,4

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

(percent of the previous year)

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



INDUSTRY

**7.10. Output indices of engineering, by type of activity**

*(percent of the previous year)*

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

INDUSTRY

**7.11. Industrial labour productivity indices, by type of activity**

*(percent of the previous year)*

	2001	2002	2003	2004	2005	2006	2007
<b>Industrial production</b>	<b>118,6</b>	<b>111,8</b>	<b>119,8</b>	<b>112,3</b>	<b>104,0</b>	<b>109,5</b>	<b>114,3</b>
Mining	106,3	105,8	108,2	104,8	104,4	107,6	105,0
mining of fuel and energy minerals	108,7	102,7	106,8	104,2	104,2	105,2	100,8
mining operations apart from fuel and energy materials	100,7	111,3	110,3	104,5	102,9	110,9	109,8
Manufacturing	122,7	114,9	123,1	114,1	104,1	110,0	116,5
including							
production of foodstuffs, beverages and tobacco products	119,6	109,1	121,7	110,4	112,4	110,6	113,3
light industry	123,0	115,3	117,8	116,8	106,1	110,8	114,4
textile industry; sewing of clothes, fur and fur articles	122,5	114,8	116,4	117,8	108,7	109,0	114,6
production of leather, leather articles and other materials	127,2	119,8	123,1	112,2	97,1	115,5	111,6
wood working and production of wood products apart from furniture	134,6	124,3	130,1	120,4	120,2	122,2	128,7
cellulose and paper industry; printing	114,6	109,6	127,4	124,2	112,6	111,1	113,1
production of coke and refined petroleum products	155,1	124,5	106,5	97,5	86,6	92,8	105,9
chemical and petrochemical industry	114,1	110,9	123,9	115,2	109,6	106,5	111,1
production of chemicals	111,8	113,7	124,1	114,1	109,2	107,5	110,6
production of rubber and plastic products	126,9	99,5	123,8	121,3	112,2	105,6	114,6
production of other non-metallic mineral products	120,2	114,6	121,8	116,4	116,3	117,0	119,8
metallurgy and production of finished metal products	104,1	105,7	115,2	110,1	97,0	110,1	112,7
engineering	128,4	120,2	143,6	129,7	110,9	117,9	134,9
manufacture of machinery and equipment	126,6	109,1	130,7	122,7	116,6	110,2	123,7
manufacture of electrical, electronic and optical equipment	133,3	121,1	130,0	152,2	94,0	115,1	126,9
manufacture of transport vehicles and equipment	126,6	134,0	162,1	122,3	115,8	124,2	146,2
Production and distribution of electricity, gas and water	97,3	96,6	101,1	98,0	102,7	107,7	104,5

INDUSTRY

**7.12. Industrial labour productivity indices, by region**

*(percent of the previous year)*

	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>118,6</b>	<b>111,8</b>	<b>119,8</b>	<b>112,3</b>	<b>104,0</b>	<b>109,5</b>	<b>114,3</b>
Autonomous Republic of Crimea	113,0	99,4	123,9	130,3	115,5	105,7	115,8
<b>oblasts</b>							
Vinnitsya	115,7	109,9	121,2	114,0	115,8	112,1	112,6
Volyn	127,3	124,6	121,8	118,4	122,5	119,6	144,7
Dnipropetrovsk	107,4	106,7	112,1	109,2	105,1	109,4	111,3
Donetsk	109,0	108,7	120,9	113,8	92,9	108,4	111,4
Zhytomyr	126,9	111,2	125,0	115,5	114,1	110,7	114,1
Zakarpattia	129,2	118,0	148,0	124,2	110,5	130,7	124,8
Zaporizhzhya	105,0	105,1	121,8	115,0	104,2	112,8	121,0
Ivano-Frankivsk	136,4	137,7	138,2	114,2	106,7	94,6	99,1
Kyiv	116,3	109,6	120,4	113,5	115,3	115,9	114,1
Kirovohrad	116,9	107,2	130,6	130,2	112,0	116,3	115,5
Luhansk	134,5	105,9	112,4	108,5	102,7	104,1	120,1
Lviv	156,0	122,2	122,6	110,0	96,4	114,7	118,2
Mykolayiv	115,8	108,9	120,5	117,8	111,1	112,5	114,8
Odesa	136,1	109,2	121,9	94,8	100,1	94,4	121,0
Poltava	134,5	137,2	108,9	106,6	98,1	109,2	104,3
Rivne	117,8	107,8	128,9	110,6	109,0	110,9	115,0
Sumy	108,6	108,8	123,3	107,5	117,4	111,1	112,3
Ternopil	126,1	114,7	142,7	107,3	118,5	120,3	113,7
Kharkiv	121,8	111,0	116,8	119,2	113,4	109,9	114,4
Kherson	130,2	111,9	124,4	101,0	89,1	85,2	118,4
Khmelnyskiy	124,6	114,1	126,3	116,8	117,5	116,5	117,4
Cherkasy	121,4	117,6	140,1	112,7	115,9	107,7	129,6
Chernivtsi	134,4	122,7	133,6	104,3	112,8	115,7	127,5
Chernihiv	114,3	108,9	117,2	109,5	113,5	105,6	108,6
<b>cities</b>							
Kyiv	120,0	109,0	118,4	118,8	119,0	116,6	114,2
Sevastopol	121,1	103,6	110,2	118,9	118,0	135,8	103,7

## INDUSTRY

**7.13. 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, %
<b>Industrial production</b>	<b>2006</b>	<b>520474,8</b>	<b>100</b>	<b>338741,5</b>	<b>65,1</b>	<b>56183,0</b>	<b>10,8</b>
	<b>2007</b>	<b>671923,8</b>	<b>100</b>	<b>440634,3</b>	<b>65,6</b>	<b>73154,2</b>	<b>10,9</b>
Mining	2006	41565,3	100	20121,5	48,4	—	—
	2007	50711,0	100	24185,0	47,7	—	—
mining of fuel and energy minerals	2006	26168,4	100	11491,7	43,9	—	—
	2007	31191,5	100	12593,6	40,4	—	—
mining operations apart from fuel and energy materials	2006	15396,9	100	8629,8	56,0	—	—
	2007	19519,5	100	11591,4	59,4	—	—
Manufacturing	2006	380453,2	100	292943,6	77,0	—	—
	2007	493457,3	100	384186,9	77,9	—	—
including							
production of foodstuffs, beverages and tobacco products	2006	82198,9	100	61669,8	75,0	—	—
	2007	104788,4	100	79473,6	75,8	—	—
light industry	2006	6201,1	100	3702,3	59,7	—	—
	2007	6989,6	100	4134,7	59,2	—	—
textile industry; sewing of clothes, fur and fur articles	2006	4285,5	100	2289,6	53,4	—	—
	2007	4893,5	100	2579,7	52,7	—	—
production of leather, leather articles and other materials	2006	1915,6	100	1412,7	73,7	—	—
	2007	2096,1	100	1555,0	74,2	—	—
wood working and production of wood products apart from furniture	2006	4506,6	100	2950,0	65,5	—	—
	2007	5686,0	100	3866,0	68,0	—	—
cellulose and paper industry; printing	2006	12767,7	100	8848,1	69,3	—	—
	2007	16046,5	100	11109,1	69,2	—	—
production of coke and refined petroleum products	2006	41803,3	100	38501,7	92,1	—	—
	2007	49685,1	100	45623,7	91,8	—	—
chemical and petrochemical industry	2006	33023,3	100	25223,1	76,4	—	—
	2007	41043,2	100	31393,1	76,5	—	—
production of chemicals	2006	23083,3	100	17357,7	75,2	—	—
	2007	28357,5	100	21403,9	75,5	—	—
production of rubber and plastic products	2006	9940,0	100	7865,4	79,1	—	—
	2007	12685,7	100	9989,2	78,7	—	—
production of other non-metallic mineral products	2006	16873,0	100	11510,1	68,2	—	—
	2007	24805,1	100	17318,9	69,8	—	—
metallurgy and production of finished metal products	2006	107598,4	100	87932,5	81,7	—	—
	2007	141564,2	100	117508,1	83,0	—	—
engineering	2006	66908,4	100	46220,9	69,1	—	—
	2007	92262,3	100	65969,5	71,5	—	—
manufacture of machinery and equipment	2006	21843,2	100	13367,6	61,2	—	—
	2007	29048,1	100	18467,2	63,6	—	—
manufacture of electrical, electronic and optical equipment	2006	14969,6	100	9972,7	66,6	—	—
	2007	20021,6	100	13599,7	67,9	—	—
manufacture of transport vehicles and equipment	2006	30095,6	100	22880,6	76,0	—	—
	2007	43192,6	100	33902,6	78,5	—	—
Production and distribution of electricity, gas and water	2006	98456,3	100	25676,4	26,1	56183,0	57,1
	2007	127755,5	100	32262,4	25,2	73154,2	57,3

INDUSTRY

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, %	
18793,3	3,6	48850,8	9,4	18486,8	3,5	39419,4	7,6	94,3
24347,1	3,6	61361,4	9,1	23481,9	3,5	48944,9	7,3	93,7
3664,1	8,8	9078,8	21,8	3968,3	9,6	4732,6	11,4	92,2
4245,7	8,4	11492,8	22,6	5110,1	10,1	5677,4	11,2	90,0
2698,8	10,3	6556,1	25,1	3029,5	11,6	2392,3	9,1	97,5
3146,9	10,1	8414,5	27,0	3951,9	12,6	3084,6	9,9	105,3
965,3	6,3	2522,7	16,4	938,8	6,1	2340,3	15,2	84,4
1098,8	5,6	3078,3	15,8	1158,2	5,9	2592,8	13,3	73,1
11554,4	3,0	32480,1	8,6	11883,5	3,1	31591,6	8,3	93,8
14660,1	3,0	40463,0	8,2	14922,9	3,0	39224,4	7,9	93,1
2809,2	3,4	6085,7	7,4	2024,4	2,5	9609,8	11,7	95,8
3518,6	3,4	7436,6	7,1	2518,8	2,4	11840,8	11,3	95,3
247,1	4,0	1232,0	19,9	433,5	7,0	586,2	9,4	101,2
274,0	3,9	1384,6	19,8	488,6	7,0	707,7	10,1	99,4
195,8	4,6	1011,8	23,6	354,9	8,3	433,4	10,1	102,3
226,9	4,6	1143,0	23,4	403,4	8,2	540,5	11,1	99,0
51,3	2,7	220,2	11,5	78,6	4,1	152,8	8,0	98,9
47,1	2,2	241,6	11,5	85,2	4,1	167,2	8,0	100,1
312,4	6,9	590,5	13,1	218,2	4,8	435,5	9,7	101,2
326,6	5,7	705,1	12,4	261,0	4,6	527,3	9,3	98,1
585,0	4,6	1334,2	10,5	452,4	3,5	1548,0	12,1	94,6
714,6	4,5	1663,6	10,4	578,4	3,6	1980,8	12,3	95,6
521,7	1,2	967,5	2,3	406,8	1,0	1405,6	3,4	95,2
897,7	1,8	1158,6	2,3	544,7	1,1	1460,4	3,0	94,6
1357,1	4,1	2688,7	8,1	985,1	3,0	2769,3	8,4	93,7
1659,5	4,0	3318,1	8,1	1243,1	3,0	3429,4	8,4	93,5
1000,6	4,3	1916,6	8,3	701,4	3,1	2107,0	9,1	92,2
1172,0	4,1	2334,8	8,2	878,8	3,1	2568,0	9,1	91,4
356,5	3,6	772,1	7,8	283,7	2,8	662,3	6,7	97,4
487,5	3,8	983,3	7,8	364,3	2,9	861,4	6,8	98,4
711,1	4,2	2122,8	12,6	783,7	4,7	1745,3	10,3	91,9
1036,8	4,2	2846,5	11,5	1046,8	4,2	2556,1	10,3	90,3
2590,7	2,4	8042,4	7,5	3031,4	2,8	6001,4	5,6	89,2
3327,6	2,3	9862,5	7,0	3654,8	2,6	7211,2	5,1	89,9
2182,6	3,3	8571,1	12,8	3244,9	4,8	6688,9	10,0	97,3
2612,6	2,8	11013,3	11,9	4200,1	4,6	8466,8	9,2	93,8
796,2	3,6	3776,4	17,3	1397,4	6,4	2505,6	11,5	97,4
872,8	3,0	4750,9	16,3	1790,1	6,2	3167,1	10,9	96,5
525,0	3,5	2059,5	13,8	752,8	5,0	1659,6	11,1	96,5
620,2	3,1	2721,8	13,6	990,5	5,0	2089,4	10,4	94,4
861,4	2,9	2735,2	9,1	1094,7	3,6	2523,7	8,4	97,7
1119,6	2,6	3540,6	8,2	1419,5	3,3	3210,3	7,4	91,9
3574,8	3,6	7291,9	7,4	2635,0	2,7	3095,2	3,1	97,3
5441,3	4,2	9405,6	7,4	3448,9	2,7	4043,1	3,2	97,8

INDUSTRY

**7.14. 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	52,8	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	52,5	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	53,9	196,3	5,0	10,3	35,0	93,4	13,8	92,5

**7.15. Output of selected types of products by mining industry**

(mln. t)

	Ready coal <sup>1</sup>	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

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

INDUSTRY

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

(thsd. t)

	Cheese with high fat content	Flour	Granulated sugar		Wine "Champagne" <sup>1</sup> , 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	5,4	316	196	7733

<sup>1</sup> Prior to 2002 (inclusive), including sparkling wines

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

	Plywood <sup>1</sup> , 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

<sup>1</sup> Since 2003, excluding bent and glued articles, back-rests and bottoms for furniture

INDUSTRY

**7.18. 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

**7.19. 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	<sup>1</sup>
2001	1040	134	2153	754
2002	935	133	2311	720
2003	1133	160	2470	<sup>1</sup>
2004	1425	210	2407	901
2005	1606	209	2633	1053
2006	1493	183	2566	866
2007	1637	172	2839	824

<sup>1</sup> According to Ukraine's Law *On State Statistics*, information is confidential



INDUSTRY

**7.20. Output of selected types of metallurgy industry**

(mln. t)

	Cast iron	Steel without semi-finished products produced through continuous casting	Pipes of large and small diameters, hollow sections made of ferrous metals <sup>1</sup>
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	2,9
1970	41,4	46,2	4,5
1975	46,4	52,7	5,9
1980	46,5	49,9	6,3
1985	47,1	51,4	6,7
1990	44,9	48,5	6,5
1995	18,0	18,7	1,6
2000	25,7	25,8	1,7
2001	26,4	27,1	1,7
2002	27,6	27,4	1,5
2003	29,5	28,9	2,1
2004	31,0	28,9	2,1
2005	30,7	27,9	2,4
2006	32,9	27,9	2,8
2007	35,6	29,0	2,8

<sup>1</sup> Prior to 2002 (inclusive), excluding hollow sections made of ferrous metals

**7.21. 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

INDUSTRY

**7.22. Output of industrial products, by type of activity**

	2003	2004	2005	2006	2007
<b>Mining of fuel and energy minerals</b>					
Coal available, mln. t	59,8	59,4	60,4	61,7	58,9
Non-agglomerated fuel peat (conventional moisture), mln. t	0,6	0,5	0,6	0,5	0,4
Crude oil, mln. t	2,8	3,0	3,1	3,3	3,3
Gas condensate, mln. t	1,1	1,3	1,2	1,2	1,1
Oil-related gas, bln. cub. m	0,7	0,8	0,9	1,0	0,9
Natural gas, bln. cub. m	18,6	19,6	19,9	20,1	20,2
<b>Mining operations apart from fuel and energy materials</b>					
Non-agglomerated iron ores and concentrates, mln. t	63,0	66,0	69,5	74,0	77,9
Agglomerated iron ores and concentrates, mln. t	58,9	63,1	65,0	68,8	72,6
Plaster, thsd. t	321	337	381	376	742
Limestone, mln. t	19,8	22,5	24,4	26,8	28,7
Chalk, mln. t	1,3	1,6	4,4	5,0	5,6
Natural sands, mln. cub. m	7,2	8,1	10,6	12,7	14,5
Pebbles, gravel, macadam and crushed stone, mln. cub. m	34,5	39,3	37,9	45,8	60,3
Kaolin and other kaolinite clay, thsd. t	1176	1468	1566	1777	2386
Salt and pure sodium chloride, thsd. t	3863	4393	4811	5996	5548
<b>Production of foodstuffs, beverages</b>					
Fresh (fresh-killed) or cooled beef and veal, thsd. t	186	141	143	156	159
Frozen beef and veal, thsd. t	97,9	57,0	50,1	43,9	61,5
Fresh (fresh-killed) or cooled pork, thsd. t	80,2	74,1	81,4	130	179
Frozen pork, thsd. t	18,9	13,9	18,0	25,4	24,0
Fresh (fresh-killed) or cooled mutton, thsd. t	0,8	0,7	0,5	0,4	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	326	458
Frozen meat and edible offal of poultry, thsd. t	38,5	39,8	57,9	90,5	90,1
Sausages, thsd. t	271	332	309	301	330
Poultry products and cans, thsd. t	4,2	3,2	3,9	4,0	4,2
Pork products and cans, thsd. t	3,1	3,4	4,7	4,7	5,4
Beef and veal products and cans, thsd. t	10,4	10,4	17,8	12,8	11,0
Ready-to-cook meat (including poultry) products <sup>1</sup> , thsd. t	72,5	220	142	149	178
Fruit and vegetable juices and nectars, thsd. t	400	473	672	744	1077
Natural canned vegetables, thsd. t	92,9	102	150	158	101
Jams, fruit jellies, fruit or nut purées and pastes, thsd. t	70,5	61,2	93,9	80,7	84,7
Unpurified sunflower seed oil, thsd. t	1257	1343	1382	2078	2230
Margarine and similar products, thsd. t	250	282	302	311	317
Processed skimmed milk, thsd. t	645	716	863	818	866
Cream, thsd. t	9,9	23,6	21,2	14,0	14,6
Butter, thsd. t	137 <sup>2</sup>	116	120	104	100
Fat spreads and mixtures, thsd. t	...	53,0	80,3	71,1	83,8

INDUSTRY

*Table 7.22 is continued*

	2003	2004	2005	2006	2007
Fresh unfermented cheese and sour milk curd, thsd. t	57,7	71,3	83,5	93,2	93,2
Cheese with high fat content, thsd. t	173	224	274	217	246
Sour milk products, thsd. t	427	467	499	523	534
Flour, thsd. t	2827	2949	2944	2696	2908
Cereals, thsd. t	294	335	342	322	313
Bread and flour products, thsd. t	2335	2307	2264	2159	2034
Granulated sugar, thsd. t	2486	2147	2139	2592	1867
of which sugar beets	1456	1788	1900	2574	1867
Chocolate and other cocoa products in briquettes, plates or bars, thsd. t	205	244	283	303	329
Sugar confectionery (including white chocolate) without cocoa content, thsd. t	293	310	285	241	256
Macaroni products without filling and heat processing, thsd. t	110	99,7	104	108	107
Natural mineral spring waters, mln. dal	6,5	7,7	14,8	15,7	32,3
Fizzy natural mineral waters, mln. dal	79,3	77,3	100	115	132
Soft drinks, mln. dal	125	140	169	176	196
<b>Light industry</b>					
Textiles, mln. sq. m	76,3	107,5	113,5	99,9	114,3
of which					
cotton	34,4	45,1	53,0	42,7	52,1
wool	5,2	8,3	8,3	8,1	7,0
linen	0,5	8,6	2,0	1,8	1,6
fleecy, terry and other special textiles	6,7	7,0	6,2	2,5	1,7
those made of chemical fibres	29,5	38,1	44,1	44,8	51,8
Knitted hosiery produced by knitting machines or handmade, mln. pairs	43,3	51,4	55,5	53,8	60,3
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
Knitted outerwear, mln. pcs	3,8	4,7	4,5	5,9	4,2
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for men and boys, thsd. pcs	875	615	649	630	534
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for women and girls, thsd. pcs	3277	3637	3346	2675	2541
Suits for men and boys, thsd. pcs	1567	1860	1608	1344	1107
Suits for women and girls, thsd. pcs	604	837	893	730	524
Warm anoraks (including ski), raincoats, windbreakers and similar products for men and boys, thsd. pcs	539	320	334	337	323
Windbreakers and similar products for women and girls, thsd. pcs	558	588	328	222	251
Jackets, blazers, pullovers and similar products for men and boys, thsd. pcs	1417	1615	1917	1815	1394

INDUSTRY

Table 7.22 is continued

	2003	2004	2005	2006	2007
Jackets, blazers, pullovers and similar products for women and girls, thsd. pcs	4123	4772	4644	4115	3725
Trousers and breechers for men and boys, thsd. pcs	6504	8223	7371	6933	6436
Trousers and breechers for women and girls, thsd. pcs	10559	10354	8519	7582	5988
Gowns and sun-dresses for women and girls, thsd. pcs	1167	1209	1264	916	985
Skirts and culottes for women and girls, thsd. pcs	3579	3409	2825	3042	1976
Shirts for men and boys, thsd. pcs	3187	2792	2663	2626	2501
Blouses, tunics, chemises for women and girls, thsd. pcs	6825	5289	4583	4280	4006
Bed linen, mln. pcs	10,5	11,1	12,0	13,3	16,1
Knitted underwear, mln. pcs	18,8	25,6	26,9	30,7	31,2
Carpeting, thsd. sq. m	4173	5099	5631	6219	7733
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	4849
Ladies' bags from different materials, thsd. pcs	939	879	771	566	1390
Belts, ammunition belts and other leather products, thsd. pcs	1,0	20,4	3	3	3
Footwear, mln. pairs	20,3	21,7	20,5	21,2	22,5
<b>Wood working and production of wood products apart from furniture</b>					
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
Non-coniferous wood blocks, strips and friezes for parquet or wood block flooring, continuously shaped, unassembled, thsd. sq. m	1171	1781	2338	2306	2735
Plywood, thsd. cub. m	114	145	173	164	178
Unprocessed particleboard, thsd. conventional cub. m	732	975	1150	1329	1641
Peeled veneer, thsd. cub. m	43,5	53,6	52,7	51,9	57,6
Planed veneer, mln. sq. m	14,2	21,7	23,8	26,3	37,5
Windows, doors, their frames and thresholds, of wood, mln. sq. m	1,1	1,5	2,4	3,1	3,7
<b>Cellulose and paper industry; printing</b>					
Uncoated paper and cardboard for graphic purposes, thsd. t	25,9	39,3	44,0	47,0	46,4
Paper for household, sanitary and hygiene purposes, thsd. t	93,4	107	111	112	122
Special uncoated paper and cardboard, cigarette paper not cut by size, thsd. t	249	287	318	318	385
Boxes, cabinets and bags from crinkled paper and cardboard, mln. sq. m	437	548	656	739	853
Wallpaper and similar coverings from paper, mln. conventional pcs	128	153	165	160	170
Exercise-books, mln. pcs	358	369	490	687	841
Printing newspapers, magazines, and periodicals published 4 times per week, mln. copies of 4 columns newspapers, A2 format	759	875	907	1369	1713
Printing books, mln. copies, 60×90 cm format	1215	1407	1621	1888	1866

INDUSTRY

*Table 7.22 is continued*

	2003	2004	2005	2006	2007
Printing newspapers published less than 4 times per week, mln. copies of 4 columns newspapers, A2 format	2852	3676	3677	4181	3995
Printing magazines and periodicals published less than 4 times per week, mln. copies, 60×90 cm format	2035	2954	1335	1585	1911
<b>Production of coke, refined petroleum products</b>					
Coke-oven coke of coking coal, gas-works coke, mln. t	20,8	22,0	18,9	19,2	20,6
Coal-tar pitch, thsd. t	1015	1029	876	910	934
Primary oil processing, mln. t	21,9	22,0	18,4	14,4	13,9
Petrol for motor vehicles with 0,013 g/L of lead content and less, mln. t	4,3	5,0	4,6	3,9	4,2
Diesel fuel for motor vehicles and rail, mln. t	6,3	6,3	5,3	4,3	4,1
Heavy fuel oil, mln. t	8,0	7,8	5,9	3,8	3,5
Lubrications, other oils, thsd. t	180	214	176	210	214
Liquefied propane and butane, thsd. t	722	754	766	758	824
Oil paraffin, thsd. t	15,7	13,9	11,0	13,0	12,2
Oil asphalt and shore bitumen, thsd. t	386	395	448	512	577
<b>Chemical and petrochemical industry</b>					
Synthetic paints, t	4954	5717	1708	2773	4599
Sulphuric acid, thsd. t	1133	1425	1606	1493	1637
Sodium hydroxide (soda caustic), thsd. t	160	210	209	183	172
Nitric mineral or chemical fertilizers, thsd. t	2470	2407	2633	2566	2839
Potassium mineral or chemical fertilizers, thsd. t	<sup>3</sup>	10,1	13,1	8,1	11,9
Synthetic ammonia, thsd. t	4775	4779	5214	5147	5139
Plastics in original forms, thsd. t	305	377	397	458	515
Pesticides and other agrochemical products, thsd. t	1,9	1,8	1,9	2,0	2,2
Polymer based paints and varnishes dissolved in water, thsd. t	38,3	46,1	58,0	62,6	79,9
Polymer-based paints and varnishes dispersed or made soluble in nonwater medium, thsd. t	133	149	163	154	166
Antibiotics-based medicines, t	1324	1350	1331	805	855
Hormone-based medicines, t	77,2	90,3	105	89,1	122
Other medicines (alkaloid-based with vitamins or provitamins, etc.), thsd. t	22,3	26,9	28,2	28,6	30,4
Immunized sera and other blood fractions, t	15,4	17,0	15,1	14,1	16,0
Contrast preparations for X-ray researches, diagnostic reagents, etc., t	13,8	20,2	21,2	22,2	27,5
Soaps and active organic preparations to be used as soaps, thsd. t	66,9	62,0	60,1	54,6	53,6
Preparations for cleaning surfaces sold through retail, t	2271	2310	2338	1441	2680
Detergents and cleansers for retail, thsd. t	144	161	176	184	195
Lustre preparations, t	2348	1877	1147	1686	1662
Tooth pastes and tooth powders, t	522	675	390	327	354
Chemical fibres, thsd. t	30,7	36,6	40,1	39,9	40,2

INDUSTRY

Table 7.22 is continued

	2003	2004	2005	2006	2007
Tyres, thsd. pcs	6594	7940	7531	9245	7411
of which					
for motor cars	<sup>3</sup>	<sup>3</sup>	5402	<sup>3</sup>	<sup>3</sup>
for trucks and buses, air transport	<sup>3</sup>	901	1053	866	824
for agricultural, forestry machinery and other equipment	320	844	946	3120	2597
<b>Production of other non-metallic mineral products</b>					
Cast, rolled, blown or stretched, sheet or sectioned glass, mln. sq. m	7,6	9,1	8,7	<sup>3</sup>	<sup>3</sup>
Multiple-layer insulating units of glass, thsd. sq. m	203	395	909	1709	2238
Glass preserving jars (in terms of 0,5 litre), mln. pcs	922	1003	840	863	1045
Glass containers for beverages and foodstuffs, mln. pcs	1216	1604	1950	2196	2417
Tableware, kitchenware, other household chinaware, mln. pcs	96,0	102	99,3	79,1	57,8
Refractory products, thsd. t	1167	1352	1290	1116	1128
Ceramic slabs and tiles, mln. sq. m	12,9	17,0	19,8	21,3	27,5
Cement, mln. t	8,9	10,6	12,2	13,7	15,0
Lime, thsd. t	4962	5302	5342	5450	5688
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
Ceramic construction non-fire bricks, bln. pcs of conventional bricks	1,6	1,8	1,9	2,1	2,3
Elements (cement, concrete or artificial stone) of prefabricated structures for construction, mln. cub. m	2,5	2,8	3,2	3,7	4,6
Corrugated sheets, slates and similar asbestos and cement products, mln. conventional plates	733	716	811	748	632
Articles of asphalt or similar material in rolls, mln. sq. m	46,2	50,7	56,2	56,6	55,5
Slag wool, mineral silicate wool and similar mineral wool (including mixtures) in blocks, sheets or rolls, thsd. cub. m	296	293	191	187	252
<b>Metallurgy and production of finished metal products</b>					
Cast iron, mln. t	29,5	31,0	30,7	32,9	35,6
Steel without semi-finished products produced through continuous casting, mln. t	28,9	28,9	27,9	27,9	29,0
Semi-finished products produced through continuous casting, mln. t	8,7	10,5	11,4	13,7	14,7
Finished rolled ferrous metals, mln. t	22,5	23,2	22,7	22,4	24,5
including					
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
bars and rods (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
Pipes of large and small diameters, hollow sections made of ferrous metals, mln. t	2,1	2,1	2,4	2,8	2,8
Steel wire, mln. t	0,4	0,6	0,5	0,5	0,6

INDUSTRY

Table 7.22 is continued

	2003	2004	2005	2006	2007
Prefabricated construction metal elements, thsd. t	78,4	114	102	127	144
Central heating radiators without electric heating produced from ferrous metals, thsd. t	33,4	30,8	30,5	31,5	30,7
Central heating boilers, thsd. pcs	151	280	371	427	348
Steam or other steam generating boilers; boilers that use superheated water, thsd. pcs	0,3	7,7	14,4	5,1	1,2
Thread products from ferrous metals, thsd. t	34,7	43,8	50,5	50,2	53,6
<b>Engineering</b>					
Ovens and electric ovens for confectioneries, pcs	224	390	349	215	533
Bridge cranes on fixed bearings, pcs	95	141	102	232	235
Other cranes (portable and bridge gantries, dockside cranes, marine derrick cranes), pcs	285	272	322	311	352
Industrial refrigerating and freezing equipment and heat pumps, thsd. pcs	107	141	146	170	173
Tractors for agriculture and forestry, pcs	4556	5806	5543	3703	5282
Moldboard plows, pcs	4285	5192	3058	2542	3025
Disk harrows, pcs	2090	4101	4520	4421	5751
Spike-tooth harrows, thsd. pcs	10,0	17,3	20,4	13,8	11,0
Rippers and cultivators, thsd. pcs	7,7	8,9	8,0	11,5	7,9
Seeding machines, thsd. pcs	8,0	9,9	11,3	9,0	7,1
Mowing machines, thsd. pcs	1,5	3,1	3,8	3,2	3,1
Grain harvester combines, pcs	101	305	308	<sup>3</sup>	137
Sugar beets harvesters and machinery for trimming sugar tops, pcs	398	109	88	201	18
Machines and mechanisms for feed preparation, thsd. pcs	47,2	66,3	107	101	72,8
Lathes, grinders, drillers, milling machines, pcs	378	496	409	289	336
Presses and forge machines, pcs	298	165	99	161	160
Lathes for wood processing, pcs	3743	4165	3722	3554	3160
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
Elevators, conveyers and lifts of continuous, operation for underground working, thsd. pcs	17,9	10,3	26,6	18,2	13,2
Boring and sinking machines, pcs	1047	2601	3203	3456	3145
Front bucket loaders, special loaders for underground work, pcs	28	9	23	38	15
Excavating machines, pcs	378	599	584	813	1044
Concrete mixers and mortar mixers, pcs	1567	2530	2861	6248	10286
Machines and equipment for production of bakery products, pcs	9302	7426	6689	4848	3552
Machines and equipment for producing confectionery, cocoa or chocolate, pcs	291	245	374	1079	1793
Machines and equipment for sugar production, pcs	388	441	543	1018	1768
Machines and equipment for processing meat and poultry, pcs	1103	509	489	6605	7016
Refrigerators and deep freezers combined with separate outer doors, thsd. pcs	504	581	711	731	824

INDUSTRY

Table 7.22 is continued

	2003	2004	2005	2006	2007
Domestic refrigerators, thsd. pcs	284	269	242	338	310
Washing machines, thsd. pcs	251	345	322	208	173
Domestic fans, thsd. pcs	666	952	1478	1947	2210
Domestic vacuum cleaners, thsd. pcs	66,4	53,3	37,5	9,2	1,2
Appliances for cutting foodstuffs, mixers and squeezers, thsd. pcs	67,6	78,3	90,6	54,6 <sup>3</sup>	70,8 <sup>3</sup>
Domestic electric irons, thsd. pcs	138	95,1	49,8		
Electric ranges, cooking boilers and domestic mantelpieces for heating up meals, thsd. pcs	299	404	493	458	344
DC motors and dc generators, thsd. pcs	140	119	148	290	329
Ac motors and ac generators, universal motors, thsd. pcs	873	1155	913	706	670
Electric transformers, mln. pcs	8,4	8,0	7,9	13,1	19,5
High-Tension electrical facilities, thsd. pcs	350	478	682	613	611
Low-Tension electrical facilities, mln. pcs	82,9	80,6	69,5	78,5	75,9
Winding insulated wire, thsd. t	7,9	9,6	10,9	12,0	15,4
Low-voltage electric wires and cables with 1000 voltage and less, thsd. km	382	421	479	481	591
Electric wires and cables with 1000 voltage and more, thsd. km	7,6	12,7	21,2	14,2	19,1
Electric lamps, mln. pcs	219	263	254	255	240
Semiconductor items, mln. pcs	47,2	18,3	28,7	32,1	25,6
TV sets, thsd. pcs	415	443	651	431	507
Devices and facilities for automatic regulation and management, thsd. pcs	334	620	1093	1577	1886
Motor cars, thsd. pcs	98,3	174	192	267	380
Trucks, thsd. pcs	4,7	10,9	14,0	12,1	11,4
Buses, pcs	2558	2598	4655	7660	9127
Trolley-buses, pcs	35	80	58	121	241
Rail locomotives and tenders for locomotives, pcs	61	124	107	73	90
Nonsel-propelled trucks, thsd. pcs	22,7	22,9	21,4	19,9	31,2
Truck cranes, pcs	126	235	382	506	812
Trailers, and semitrailers (exluding housing and for tourism), thsd. pcs	18,4	20,3	21,5	23,6	30,8
Bicycles, thsd. pcs	281	250	312	392	373
<b>Production of furniture</b>					
Special furniture for sitting (mainly with metal frame), thsd. pcs	3100	4266	5180	5614	7096
Furniture for sitting (mainly with wood frame), thsd. pcs	1173	1491	1819	1972	2059
Office furniture, furniture for retail trade enterprises, thsd. pcs	1103	1672	1520	1885	2096
Kitchen furniture, thsd. pcs	251	349	423	489	707
Wood furniture for furnishing quarter interior, thsd. pcs	1045	1237	1665	1771	1940

<sup>1</sup> Excluding restaurants

<sup>2</sup> Including mixtures of butter and vegetable oil

<sup>3</sup> See the footnote to Table 7.19



INDUSTRY

**7.23. Per capita basic foodstuffs production**

(kg)

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

<sup>1</sup> See the first footnote to Table 7.22

<sup>2</sup> See the second footnote to Table 7.22

## INDUSTRY

**7.24. Output of dairy products, by type***(thsd. t)*

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

**7.25. Output of sausages, by type***(thsd. t)*

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

INDUSTRY

**7.26. Output of alcoholic beverages and tobacco products**

(mln. dal)

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

<sup>1</sup> Including low-alcohol beverages

**7.27. Output of confectionery products, by type**

(thsd. t)

	2003	2004	2005	2006	2007
Chocolate and other finished food products with cocoa in briquettes, plates or bars	205	244	283	303	329
including					
chocolate and similar products with and without filling	33,3	36,0	40,1	39,2	43,3
chocolate	77,9	86,4	106	144	160
confectionary from sugar or its substitutes with cocoa content	89,8	115	129	113	120
spreads with cocoa content	1,8	2,7	3,4	2,9	3,1
Sugar confectionery (including white chocolate) without cocoa content	293	310	285	241	256
including					
products covered with sugar, jellies	17,6	24,0	39,5	46,7	52,3
boiled candies, caramel, toffies and similar candies	224	233	194	141	151
dragee	7,9	6,1	8,5	8,5	8,5

## INDUSTRY

**7.28. Output of sausages, by region***(thsd. t)*

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

<sup>1</sup> Here and elsewhere (Tables 7.29–7.35, 7.37) the difference between the sum and its components is explained by data rounding

## INDUSTRY

**7.29. Output of unrefined sunflower-seed oil, by region**

(thsd. t)

	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>1256,9</b>	<b>1342,8</b>	<b>1382,4</b>	<b>2078,2</b>	<b>2230,4</b>
of which					
Autonomous Republic of Crimea	2,3	2,9	1,4	2,2	1,2
<b>oblasts</b>					
Vinnitsya	61,7	45,2	37,7	66,3	77,9
Volyn	0,0	0,0	0,0	0,0	<sup>1</sup>
Dnipropetrovsk	126,8	100,3	96,5	175,0	190,0
Donetsk	293,5	296,5	296,6	372,7	408,6
Zhytomyr	0,3	0,1	0,1	0,1	0,0
Zakarpattia	0,2	0,0	0,0	0,0	0,0
Zaporizhzhya	233,7	266,6	240,0	307,3	290,9
Ivano-Frankivsk	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>
Kyiv	0,7	42,1	51,0	71,3	89,6
Kirovohrad	109,5	116,6	160,2	216,1	226,1
Luhansk	63,9	67,2	56,2	75,6	96,7
Lviv	0,3	<sup>1</sup>	<sup>2</sup>	<sup>1</sup>	<sup>1</sup>
Mykolayiv	3,6	45,8	29,8	59,7	59,6
Odesa	99,1	94,5	128,1	192,9	184,9
Poltava	78,9	87,1	88,4	126,2	123,9
Rivne	<sup>1</sup>	0,3	1,1	0,3	0,1
Sumy	0,8	0,6	2,1	3,8	5,1
Ternopil	<sup>1</sup>	<sup>1</sup>	<sup>2</sup>	<sup>1</sup>	<sup>1</sup>
Kharkiv	134,8	127,4	133,6	191,9	244,2
Kherson	5,6	5,7	33,8	168,3	177,2
Khmelnyskiy	0,1	0,1	0,1	0,0	0,2
Cherkasy	4,4	4,5	4,5	4,3	2,8
Chernivtsi	31,7	35,2	15,7	38,3	41,1
Chernihiv	4,6	3,9	3,4	3,3	4,4
<b>city</b>					
Sevastopol	<sup>1</sup>	—	—	—	<sup>1</sup>

<sup>1</sup> See the footnote to Table 7.19<sup>2</sup> Here and elsewhere (Tables 7.30–7.33, 7.37) 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

**7.30. Output of processed skimmed milk, by region***(thsd. t)*

	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>645,1</b>	<b>716,0</b>	<b>863,0</b>	<b>817,7</b>	<b>866,5</b>
Autonomous Republic of Crimea	10,3	8,1	8,4	9,4	11,0
<b>oblasts</b>					
Vinnitsya	179,4	232,3	291,2	253,3	290,7
Volyn	15,5	23,8	26,6	9,9	14,8
Dnipropetrovsk	44,0	44,2	47,1	38,5	44,3
Donetsk	26,8	31,0	37,8	39,1	44,8
Zhytomyr	6,2	6,3	4,8	5,7	12,9
Zakarpattia	2,9	2,6	3,3	3,0	2,3
Zaporizhzhya	10,7	10,8	11,1	13,7	15,7
Ivano-Frankivsk	4,4	6,2	8,9	8,6	12,9
Kyiv	62,5	63,5	69,1	62,9	54,9
Kirovohrad	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>2</sup>
Luhansk	24,6	25,2	55,6	47,7	11,6
Lviv	14,2	19,5	26,3	34,1	31,7
Mykolayiv	13,7	16,7	15,7	15,1	15,4
Odesa	29,8	17,5	15,2	18,6	18,6
Poltava	25,7	27,7	36,8	31,9	31,5
Rivne	8,1	8,6	6,7	5,7	5,9
Sumy	24,6	21,8	32,7	48,7	45,5
Ternopil	7,1	12,5	16,9	21,6	22,9
Kharkiv	37,4	40,3	35,1	32,9	48,1
Kherson	4,3	8,3	11,2	13,2	9,4
Khmelnyskiy	9,8	10,4	20,8	30,4	53,5
Cherkasy	15,4	13,7	13,7	16,1	13,1
Chernivtsi	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>2</sup>	<sup>2</sup>
Chernihiv	12,3	12,2	17,1	11,4	11,7
<b>cities</b>					
Kyiv	49,4	49,5	47,6	43,8	40,8
Sevastopol	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>

<sup>1</sup> See the second footnote to Table 7.29<sup>2</sup> See the footnote to Table 7.19

## INDUSTRY

**7.31. Output of cheese with high fat content, by region***(thsd. t)*

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

<sup>1</sup> See the second footnote to Table 7.29<sup>2</sup> See the footnote to Table 7.19

## INDUSTRY

**7.32. Output of sour milk products, by region***(thsd. t)*

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

<sup>1</sup> See the footnote to Table 7.19<sup>2</sup> See the second footnote to Table 7.29



## INDUSTRY

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

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

<sup>1</sup> See the second footnote to Table 7.29<sup>2</sup> See the footnote to Table 7.19

## INDUSTRY

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

	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>2334,7</b>	<b>2307,1</b>	<b>2263,7</b>	<b>2159,0</b>	<b>2033,9</b>
Autonomous Republic of Crimea	87,7	84,2	80,9	73,1	71,4
<b>oblasts</b>					
Vinnytsya	87,3	86,6	88,4	84,3	81,0
Volyn	48,7	48,7	46,6	46,5	47,1
Dnipropetrovsk	199,4	229,2	242,8	244,0	215,4
Donetsk	267,7	257,3	248,8	227,4	207,8
Zhytomyr	77,4	73,0	71,5	69,9	64,7
Zakarpattia	20,9	19,5	18,2	20,6	21,2
Zaporizhzhya	92,3	86,3	81,7	75,9	74,5
Ivano-Frankivsk	25,8	24,2	24,8	28,0	32,0
Kyiv	43,7	48,8	53,4	51,0	55,8
Kirovohrad	34,8	34,0	34,1	32,4	29,8
Luhansk	119,6	111,8	106,8	100,3	94,4
Lviv	94,8	91,7	89,5	84,4	76,9
Mykolayiv	54,7	57,2	51,9	47,2	44,8
Odesa	106,2	114,3	107,9	103,1	101,9
Poltava	84,0	83,5	79,6	75,0	72,6
Rivne	42,8	40,1	39,3	38,4	38,2
Sumy	81,0	78,9	75,2	69,9	67,9
Ternopil	21,0	19,5	18,8	17,7	20,2
Kharkiv	126,6	124,2	134,4	130,8	116,8
Kherson	56,1	50,7	49,0	45,8	40,4
Khmelnyskiy	68,5	64,5	62,6	61,3	60,7
Cherkasy	75,8	75,5	72,2	75,2	71,9
Chernivtsi	26,0	27,1	27,0	26,0	25,2
Chernihiv	70,2	72,0	70,1	67,8	64,7
<b>cities</b>					
Kyiv	301,9	283,2	268,6	245,1	219,4
Sevastopol	19,6	21,0	19,5	17,9	17,3

INDUSTRY

**7.35. Output of granulated sugar, by region**

(thsd. t)

	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>2485,5</b>	<b>2147,1</b>	<b>2139,1</b>	<b>2591,7</b>	<b>1867,0</b>
of which					
<b>oblasts</b>					
Vinnitsya	216,0	260,3	277,8	344,8	303,1
Volyn	223,2	181,2	198,7	113,5	137,1
Dnipropetrovsk	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>
Zhytomyr	109,5	71,3	71,4	94,3	46,1
Ivano-Frankivsk	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>
Kyiv	194,1	181,3	227,1	269,6	164,2
Kirovohrad	60,2	69,6	64,3	102,7	36,4
Lviv	60,0	56,8	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>
Mykolayiv	150,8	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>
Odesa	340,3	169,3	107,9	80,9	30,2
Poltava	144,2	187,5	203,9	319,4	261,4
Rivne	122,8	57,1	63,0	83,8	88,4
Sumy	134,7	80,7	59,3	83,5	52,7
Ternopil	241,5	203,9	183,1	229,7	176,1
Kharkiv	123,0	146,6	146,0	200,6	141,7
Khmelnyskiy	106,7	103,7	129,9	194,7	181,6
Cherkasy	141,6	164,7	152,0	208,5	98,7
Chernivtsi	27,0	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>
Chernihiv	58,2	67,4	84,5	83,7	51,3

<sup>1</sup> See the footnote to Table 7.19

**7.36. Per capita output of basic products of light industry**

	2003	2004	2005	2006	2007
Textiles, sq. m	1,6	2,3	2,4	2,1	2,5
of which					
cotton	0,7	1,0	1,1	0,9	1,1
wool	0,1	0,2	0,2	0,2	0,2
linen	0,01	0,2	0,04	0,04	0,03
fleecy, terry and other special textiles	0,1	0,1	0,1	0,1	0,04
those made of chemical fibres	0,6	0,8	0,9	1,0	1,1
Hosiery products produced by knitting machines or handmade, pairs	0,9	1,1	1,2	1,2	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
Knitted outerwear, pcs	0,1	0,1	0,1	0,1	0,1
Knitted underwear, pcs	0,4	0,5	0,6	0,7	0,7
Footwear, pairs	0,4	0,5	0,4	0,5	0,5

## INDUSTRY

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

	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>20343</b>	<b>21700</b>	<b>20500</b>	<b>21211</b>	<b>22475</b>
Autonomous Republic of Crimea	61,5	55,4	26,5	21,1	27,6
<b>oblasts</b>					
Vinnitsya	<sup>1</sup>	1,7	<sup>1</sup>	<sup>1</sup>	2,9
Volyn	49,4	42,5	<sup>1</sup>	62,6	<sup>1</sup>
Dnipropetrovsk	453	433	298	150	160
Donetsk	376	652	667	671	686
Zhytomyr	4028	3832	4165	4601	4838
Zakarpattia	275	477	185	293	303
Zaporizhzhya	85,4	42,4	107	210	198
Ivano-Frankivsk	3,1	1,1	0,9	<sup>1</sup>	<sup>1</sup>
Kyiv	203	504	575	937	1404
Kirovohrad	152	207	69,3	109	17,8
Luhansk	386	354	284	348	105
Lviv	1905	1293	1382	817	864
Mykolayiv	35,6	61,1	66,7	64,2	41,0
Odesa	89,4	379	73,7	44,9	1523
Poltava	222	87,6	283	326	161
Rivne	0,6	2,0	0,5	<sup>1</sup>	<sup>1</sup>
Sumy	1355	1152	1206	1635	1669
Ternopil	164	427	392	291	18,0
Kharkiv	401	432	410	597	573
Kherson	<sup>2</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>
Khmelnyskiy	2185	3370	3926	3846	4415
Cherkasy	69,7	63,7	97,5	79,3	156
Chernivtsi	3578	4232	2986	2731	2823
Chernihiv	512	625	707	877	938
<b>cities</b>					
Kyiv	3741	2960	2524	2488	1466
Sevastopol	—	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>

<sup>1</sup> See the footnote to Table 7.19<sup>2</sup> See the second footnote to Table 7.29

INDUSTRY

**7.38. Output of pipes and hollow shapes from ferrous metals**

(thsd. t)

	2003	2004	2005	2006	2007
<b>Total</b>	<b>2136</b>	<b>2127</b>	<b>2399</b>	<b>2761</b>	<b>2803</b>
including					
pipes,tubes, hollow seamless shapes from cast iron excluding foundry iron and steel	1007	1003	1190	1334	1321
of which					
boring casing, pumping and compressor pipes, sand drill pipes for oil and gas well-boring	255	275	335	358	359
hot strained plane steel pipes including pipes for general use and underseal pipes, other	602	541	647	738	737
seamless light-wall tubing	20,1	22,6	27,1	27,0	20,1
cold-drawn pipes or cold rolled pipes of round cut from carbon steel	69,2	67,6	81,7	92,0	75,2
hollow sections made of ferrous metals	18,8	39,1	26,3	25,1	28,4
welded or riveted pipes	1129	1125	1209	1428	1482
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
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

## 8. AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

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

**Average 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 products sold by agricultural enterprises (excluding small enterprises) through all channels: by reprocessors, consumer cooperatives, on the markets, population as labour remuneration (including restaurant business system), plot-holders as the payments for the land and land shares, through stock exchanges, auctions, etc.

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

**Hunting** area is the land and water (forest, fields, meadows, swamps, lakes, etc.)

which are inhabited with animals that could be used for hunting or game shooting and catching.

**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.

**The forest restoration** is the planting, natural reforestation, etc. on deforested area.

**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
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	7,6 <sup>1</sup>
Share of fishing, fishery in the total amount of gross value added	0,1	0,1	0,1	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	7,4 <sup>1</sup>
Share of fishing, fishery products in the total output (at basic prices)	0,1	0,1	0,1	0,1	0,1	0,1	...
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	3,5 <sup>1</sup>
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 <sup>1</sup>
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
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

<sup>1</sup> Preliminary data

**8.2. Operating enterprises in 2007, 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
<b>Total enterprises</b>	<b>58387</b>	<b>100,0</b>	<b>711</b>	<b>100,0</b>	<b>471</b>	<b>100,0</b>
Business partnerships	7428	12,7	73	10,3	258	54,8
Private enterprises	4229	7,2	86	12,1	107	22,7
Producers' cooperatives	1262	2,2	14	2,0	11	2,3
Farms	43475	74,5	—	—	—	—
Public enterprises	360	0,6	330	46,4	16	3,4
Enterprises of other forms of business	1633	2,8	208	29,2	79	16,8



AGRICULTURE, HUNTING, FORESTRY, FISHING, FISHERY

**AGRICULTURE**

**8.3. Agricultural production**

(at comparable prices of 2005; mln. UAH)

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

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

AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

**8.5. Agricultural production, by region**

(at comparable prices of 2005; mln. UAH)

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

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

(percent)

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

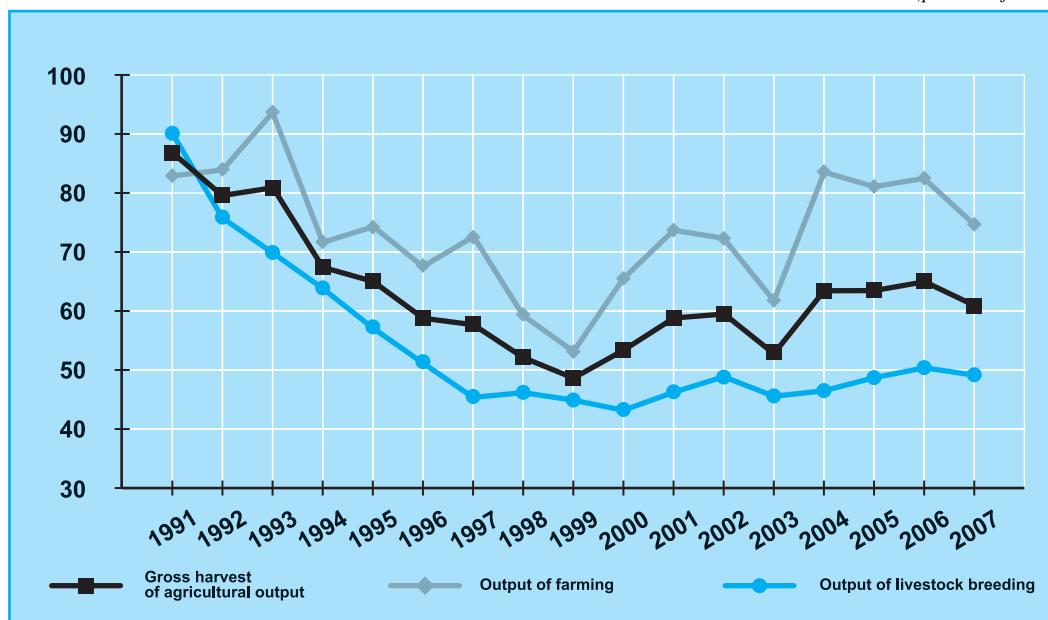
### 8.7. Per capita output of agricultural products

(kg)

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

## 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
<b>1990 = 100</b>									
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
<b>Of the previous year</b>									
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

# 8.10. Agricultural production indices, by region

(percent)

	1990 = 100									Of the previous year						
	1995	2000	2002	2003	2004	2005	2006	2007	1995	2000	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>65,0</b>	<b>53,4</b>	<b>59,5</b>	<b>53,0</b>	<b>63,4</b>	<b>63,5</b>	<b>65,1</b>	<b>60,9</b>	<b>96,4</b>	<b>109,8</b>	<b>101,2</b>	<b>89,0</b>	<b>119,7</b>	<b>100,1</b>	<b>102,5</b>	<b>93,5</b>
Autonomous Republic of Crimea	53,1	43,3	40,5	39,2	44,2	46,6	48,0	54,4	101,0	113,2	94,6	96,9	112,8	105,4	102,9	113,4
<b>oblasts</b>																
Vinnitsya	67,3	53,5	56,4	49,3	57,6	59,0	62,4	57,8	92,3	112,3	101,0	87,4	116,9	102,5	105,7	92,7
Volyn	59,7	54,6	58,0	57,5	62,7	62,8	61,8	63,5	101,2	105,8	100,9	99,1	109,1	100,1	98,4	102,7
Dnipro-petrovsk	68,9	54,8	65,5	56,6	69,0	73,8	77,5	66,8	96,3	114,5	100,0	86,4	121,9	106,9	105,1	86,2
Donetsk	65,5	56,4	68,4	52,3	69,9	71,4	67,6	61,4	106,6	120,0	100,2	76,5	133,5	102,2	94,7	90,7
Zhytomyr	68,8	51,5	50,2	50,0	56,0	54,7	55,5	51,5	96,5	105,6	103,7	99,6	111,9	97,7	101,4	92,8
Zakarpattya	79,6	77,6	87,5	90,5	89,9	89,0	88,7	87,9	104,5	108,1	102,8	103,4	99,3	99,0	99,7	99,1
Zapo-rizhzhya	59,6	47,4	54,1	40,5	55,7	58,8	62,2	49,1	99,9	100,8	93,3	74,9	137,5	105,7	105,8	79,0
Ivano-Frankivsk	81,1	73,1	77,8	76,0	77,7	77,2	79,1	81,3	102,5	109,9	104,1	97,7	102,2	99,4	102,4	102,7
Kyiv	71,5	53,6	61,5	59,1	66,9	71,5	78,0	78,5	93,7	112,6	108,2	96,2	113,1	106,9	109,1	100,7
Kirovohrad	63,4	48,3	65,7	54,3	68,2	67,8	68,7	49,6	97,7	111,0	101,4	82,6	125,8	99,4	101,3	72,2
Luhansk	57,9	41,1	45,9	43,7	50,8	61,3	58,2	53,9	100,0	91,8	106,8	95,2	116,3	120,6	95,0	92,7
Lviv	66,7	66,9	71,0	68,9	69,8	68,6	72,1	72,6	92,3	108,1	112,3	97,0	101,4	98,3	105,1	100,7
Mykolayiv	58,2	41,0	57,5	41,9	64,5	57,1	62,4	38,6	102,0	91,7	96,5	72,8	153,9	88,5	109,4	61,9
Odesa	58,5	57,9	67,6	55,9	79,7	66,0	68,9	42,8	100,2	98,7	98,6	82,8	142,4	82,9	104,4	62,2
Poltava	66,2	43,3	54,8	46,7	60,7	63,5	65,8	67,2	97,6	104,6	105,8	85,1	130,2	104,6	103,6	102,1
Rivne	66,5	56,5	63,1	58,9	65,9	61,6	64,6	66,4	96,1	106,3	108,0	93,3	111,8	93,6	104,7	102,8
Sumy	62,8	50,6	51,3	48,4	52,8	50,8	49,1	50,7	90,3	124,0	99,2	94,3	109,3	96,1	96,7	103,2
Ternopil	66,5	55,0	54,2	50,6	55,8	55,1	59,7	61,9	91,8	116,0	106,1	93,5	110,2	98,8	108,3	103,6
Kharkiv	65,1	55,5	67,1	55,8	66,3	71,3	64,9	67,0	98,4	116,2	98,9	83,2	118,8	107,7	91,0	103,2
Kherson	55,7	53,3	56,3	43,9	61,8	61,9	65,6	52,8	91,3	100,0	90,7	77,9	140,9	100,2	105,9	80,5
Khmel-nytskyi	70,1	57,4	58,7	51,5	62,4	54,6	56,5	61,1	93,1	114,1	100,0	87,7	121,1	87,5	103,4	108,2
Cherkasy	66,5	57,5	59,8	56,2	68,5	72,9	76,9	73,4	93,2	122,3	99,8	94,0	121,8	106,4	105,6	95,4
Chernivtsi	71,5	62,9	68,1	62,1	69,7	70,5	71,2	75,1	96,2	111,4	98,1	91,2	112,2	101,3	101,0	105,4
Chernihiv	66,6	48,7	50,7	51,5	60,3	54,3	54,9	57,1	89,4	114,9	101,0	101,7	117,1	90,0	101,1	104,0

**8.11. Operating agricultural enterprises in 2007, 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
<b>Ukraine</b>	<b>58387</b>	<b>7428</b>	<b>4229</b>	<b>1262</b>	<b>43475</b>	<b>360</b>	<b>1633</b>
Autonomous Republic of Crimea	2586	279	137	98	1946	30	96
<b>oblasts</b>							
Vinnitsya	2308	384	205	70	1585	11	53
Volyn	1325	148	88	184	850	8	47
Dnipropetrovsk	4142	428	167	15	3473	16	43
Donetsk	2233	320	79	13	1701	5	115
Zhytomyr	1376	291	220	40	768	7	50
Zakarpattia	1678	125	22	7	1499	15	10
Zaporizhzhya	3065	355	184	55	2388	14	69
Ivano-Frankivsk	770	90	79	32	540	1	28
Kyiv	2364	459	172	57	1550	51	75
Kirovohrad	3351	358	248	31	2635	11	68
Luhansk	1899	252	149	11	1387	10	90
Lviv	1794	275	194	12	1260	14	39
Mykolayiv	5367	369	293	19	4608	17	61
Odesa	7099	382	271	153	6236	11	46
Poltava	2336	397	214	39	1540	20	126
Rivne	983	99	163	139	540	7	35
Sumy	1251	304	139	22	743	8	35
Ternopil	1278	195	274	11	718	8	72
Kharkiv	1989	366	222	30	1276	29	66
Kherson	3080	246	178	24	2537	18	77
Khmelnyskiy	1953	327	145	77	1287	16	101
Cherkasy	1959	472	155	25	1164	20	123
Chernivtsi	1092	167	74	44	773	5	29
Chernihiv	1109	340	157	54	471	8	79

**8.12. Distribution of operating agricultural enterprises in 2007, 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	51456	88,1	20491,0	100,0
including with the area, ha				
under 5,0	6147	10,5	19,7	0,1
5,1–10,0	4307	7,4	34,1	0,2
10,1–20,0	5159	8,7	79,8	0,4
20,1–50,0	14525	24,9	553,6	2,7
50,1–100,0	4798	8,2	343,1	1,7
100,1–500,0	7683	13,2	1867,9	9,1
500,1–1000,0	2898	5,0	2091,0	10,2
1000,1–2000,0	2952	5,1	4226,9	20,6
2000,1–3000,0	1389	2,4	3399,3	16,6
3000,1–4000,0	721	1,2	2474,0	12,1
4000,1–5000,0	392	0,7	1755,2	8,5
5000,1–7000,0	293	0,5	1696,3	8,3
7000,1–10000,0	128	0,2	1044,7	5,1
over 10000,0	64	0,1	905,4	4,4
Enterprises that did not have agricultural lands	6931	11,9	×	×

**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 <sup>1</sup>
2003	251	54	177 <sup>1</sup>
2004	230	50	160
2005	217	47	147
2006	201	44	133
2007	187	41	122

<sup>1</sup> Average number

**8.14. Costs structure for agricultural output in agricultural enterprises**

(percent)

	2005			2006			2007		
	total	farming	livestock breeding	total	farming	livestock breeding	total	farming	livestock breeding
<b>Total costs</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Labour remuneration	14,4	13,7	15,6	13,7	12,8	15,2	12,1	11,6	13,1
Social contributions	1,7	1,6	1,8	1,6	1,5	1,7	2,1	2,0	2,2
Material expenses	<u>67,7</u> 100,0	<u>63,3</u> 100,0	<u>75,0</u> 100,0	<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
including on									
seeds and planting stock	10,9	18,5	×	11,0	18,5	×	11,8	19,6	×
fodder	28,4	×	69,2	28,9	×	71,4	29,6	×	73,6
other agricultural produce	3,2	1,8	5,3	3,2	1,8	5,1	2,8	1,5	4,8
fertilisers	11,4	19,4	×	12,5	20,9	×	13,6	22,8	×
refined products	19,0	27,8	6,5	18,4	26,5	6,4	15,4	22,7	4,6
electricity	2,9	1,9	4,2	2,8	1,8	4,3	2,6	1,8	3,8
fuels	1,6	1,9	1,0	1,5	1,5	1,7	1,7	1,5	1,9
spare parts, repair and construction materials	8,8	11,7	4,6	8,2	10,9	4,3	7,9	10,2	4,5
payments of contracted operations and services	13,8	17,0	9,2	13,5	18,1	6,8	14,6	19,9	6,8
Depreciation of fixed assets	4,9	5,4	4,1	5,2	5,9	4,1	5,2	6,1	3,8
Other costs	<u>11,3</u> 100,0	<u>16,0</u> 100,0	<u>3,5</u> 100,0	<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
of which rent payments for									
land shares (stocks)	62,3	70,2	×	57,1	65,1	×	51,9	59,2	×
property shares	2,6	2,3	5,3	2,2	1,9	4,4	1,7	1,5	3,0



### 8.15. Profitability of basic agricultural products in agricultural enterprises

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Grain	275,1	85,6	64,8	43,3	19,3	45,8	20,1	3,1	7,4	28,7
Sunflower seeds	236,5	170,9	52,2	68,7	77,9	64,3	45,2	24,3	20,7	75,9
Sugar beets (for processing)	29,5	31,2	6,1	1,5	-8,6	6,2	-0,8	4,8	11,1	-11,1
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
Potatoes	27,2	34,3	14,0	11,4	24,2	33,5	-0,7	17,8	56,2	24,7
Fruit	83,8	20,3	-1,1	-1,7	6,4	19,9	8,4	12,7	33,5	8,5
Grapes	71,7	74,0	62,7	4,0	17,7	44,5	8,7	31,7	39,6	33,2
Milk and dairy products <sup>1</sup>	32,2	-23,2	-6,0	-0,8	-13,8	9,9	-0,4	12,2	-3,7	13,8
Meat of										
cattle	20,6	-19,8	-42,3	-21,4	-40,5	-44,3	-33,8	-25,0	-38,4	-41,0
pigs	20,7	-16,7	-44,3	-7,2	-16,9	-33,0	-14,4	14,9	-9,2	-27,6
sheep and goats	2,3	-31,9	-46,4	-24,9	-26,7	-37,8	-44,3	-32,1	-34,3	-46,4
poultry	17,0	-18,4	-33,2	-1,7	-1,1	11,0	3,8	24,9	12,1	-19,0
Eggs	27,3	36,5	10,6	25,1	14,6	18,5	15,2	23,5	-6,8	9,1
Wool	-2,4	-61,3	-75,8	-69,6	-78,9	-75,4	-74,7	-72,8	-78,1	-80,6

<sup>1</sup> Since 2001, whole milk

### 8.16. Sale of agricultural products by agricultural enterprises

(thsd. t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Grain crops	18499	13109	10726	16967	18979	8999	16698	19458	17814	13965
Wheat	...	7415	5364	10490	11850	2187	7746	10045	8460	7456
Rye	...	426	437	781	906	329	761	479	372	222
Corn	...	433	1046	809	1120	2512	2562	4030	3001	3049
Barley	...	2468	2910	3845	3983	2999	4562	3857	4969	2576
Oats	...	121	291	335	341	345	294	277	238	175
Millet	...	67	174	121	85	133	141	118	80	49
Buckwheat	...	64	157	136	143	135	142	135	113	106
Rice	...	32	49	46	53	58	55	54	62	75
Legumes	...	178	155	226	303	180	294	332	392	168
Sunflower seeds	2200	1403	2197	1435	1782	2448	1812	2184	3184	3200
Sugar beets (including goods for processing)	43283	27942	10971	11353	9730	9568	11446	10956	16431	13083
Potatoes	1641	185	85	99	75	90	89	117	117	175
Vegetables	4224	1074	536	434	385	393	358	398	413	431
Fruit and berries	1149	261	209	135	158	305	185	169	124	170
Grapes	604	222	299	148	126	182	130	148	105	133
Cattle and poultry (live weight)	4422	1896	969	666	797	935	860	902	1087	1312
Milk and dairy products	18023	6766	2684	2802	2556	1994	2036	2121	2017	1825
Eggs, mln. pcs	8688	3642	2644	3287	4479	4610	4888	5700	6674	6747
Wool, t	27107	7804	1388	1061	944	1003	635	547	528	622

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

(thsd. t)

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

**8.18. Structure of agricultural production sold by agricultural enterprises**

(percent of the total sale)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>To processing enterprises</b>										
Grain crops	80,4	37,5	4,0	2,2	2,4	3,9	6,4	5,2	4,6	5,1
Sunflower seeds	98,9	5,1	2,4	1,1	1,6	2,5	3,1	4,4	4,3	4,1
Sugar beets	100,0	99,6	93,0	88,9	71,2	82,5	84,3	90,4	91,0	92,4
Potatoes	85,1	15,2	16,9	13,9	2,4	3,2	8,2	11,3	11,0	12,5
Vegetables	89,4	39,6	13,3	9,5	4,3	5,9	6,7	13,5	15,6	8,8
Fruit and berries	86,8	40,4	16,1	10,8	10,5	12,9	10,5	13,4	15,3	26,7
Grapes	96,4	64,8	68,4	50,4	33,4	28,4	30,4	34,8	35,1	30,5
Cattle and poultry	94,8	46,1	21,6	31,3	28,0	29,1	29,2	30,9	35,2	34,6
Milk and dairy products	99,1	87,2	66,3	71,8	73,9	78,7	82,1	85,0	88,3	90,4
Eggs	98,1	56,8	20,0	10,4	0,7	0,4	0,3	0,4	0,3	0,2
Wool	100,0	60,3	28,7	52,7	32,0	20,7	6,7	35,6	43,5	52,3
<b>On the market</b>										
Grain crops	3,2	19,2	34,8	17,7	16,1	13,6	11,4	10,0	9,9	8,7
Sunflower seeds	0,3	27,7	46,0	23,6	20,4	16,9	14,6	11,6	9,6	7,7
Sugar beets	—	0,2	4,0	0,6	0,9	0,5	0,1	0,1	0,1	0,0
Potatoes	9,4	42,7	44,8	26,4	28,3	21,1	18,4	17,2	18,4	12,9
Vegetables	8,0	41,2	47,0	44,1	39,4	35,7	35,5	31,8	27,3	29,8
Fruits and berries	9,8	40,6	49,8	40,2	39,3	34,5	39,5	33,0	33,8	28,6
Grapes	3,0	21,9	16,1	24,6	25,4	15,7	16,8	15,4	18,0	9,4
Cattle and poultry	1,8	26,2	38,4	27,1	22,2	19,6	18,2	19,1	9,1	7,8
Milk and dairy products	0,1	8,9	21,2	9,4	8,0	6,1	4,7	3,8	3,0	2,1
Eggs	1,3	34,2	66,2	51,9	42,6	35,6	32,1	29,2	27,0	24,5
Wool	—	33,5	51,1	22,0	30,2	37,0	27,0	13,2	8,4	8,4
<b>To the population</b>										
Grain crops	13,2	30,3	20,6	16,1	11,4	10,1	6,9	4,7	3,7	2,7
Sunflower seeds	0,8	12,0	10,4	7,6	4,9	3,1	2,5	1,7	0,9	0,5
Sugar beets	—	0,1	0,5	0,5	0,9	0,3	0,2	0,1	0,1	0,0
Potatoes	5,2	32,2	20,4	15,9	14,7	10,5	7,6	4,0	2,7	2,0
Vegetables	2,6	15,1	21,1	19,2	11,1	8,4	4,9	3,5	2,2	1,5
Fruit and berries	3,4	14,6	22,7	20,9	18,0	15,3	10,1	6,0	4,7	3,7
Grapes	0,6	11,5	5,8	7,3	6,2	3,8	2,8	1,4	0,6	0,5
Cattle and poultry	3,3	16,4	31,9	21,8	15,4	11,7	7,0	4,5	3,0	2,2
Milk and dairy products	0,8	3,1	7,5	5,1	4,2	3,4	2,2	1,5	1,2	0,7
Eggs	0,4	4,8	5,9	7,3	5,1	3,3	2,1	1,9	1,2	0,7
Wool	—	—	13,5	9,6	6,8	1,8	3,5	2,5	0,3	0,3
<b>Through other channels</b>										
Grain crops	3,2	13,0	40,6	64,0	70,1	72,4	75,3	80,1	81,8	83,5
Sunflower seeds	0,0	55,2	41,2	67,7	73,1	77,5	79,8	82,3	85,2	87,7
Sugar beets	—	0,1	2,5	10,0	27,0	16,7	15,4	9,4	8,8	7,6
Potatoes	0,3	9,9	17,9	43,8	54,6	65,2	65,8	67,5	67,9	72,6
Vegetables	0,0	4,1	18,6	27,2	45,2	50,0	52,9	51,2	54,9	59,9
Fruit and berries	0,0	4,4	11,4	28,1	32,2	37,3	39,9	47,6	46,2	41,0
Grapes	—	1,8	9,7	17,7	35,0	52,1	50,0	48,4	46,3	59,6
Cattle and poultry	0,1	11,3	8,1	19,8	34,4	39,6	45,6	45,5	52,7	55,4
Milk and dairy products	—	0,8	5,0	13,7	13,9	11,8	11,0	9,7	7,5	6,8
Eggs	0,2	4,2	7,9	30,4	51,6	60,7	65,5	68,5	71,5	74,6
Wool	—	6,2	6,7	15,7	31,0	40,5	62,8	48,7	47,8	39,0

**CROP CULTIVATION**

**8.19. Total land area and agricultural land in 2007<sup>1</sup>**

(end of year; thsd. ha)

	Total land users, thsd.	Total land area	Total agricultural land	Of which		
				arable fields	hay fields	pastures
<b>Total land</b>	<b>25410628</b>	<b>60354,8</b>	<b>41650,0</b>	<b>32433,7</b>	<b>2419,8</b>	<b>5513,6</b>
Lands of agricultural enterprises and households	25162019	38170,7	36754,7	30874,4	1671,2	3150,8
Land of non-state agricultural enterprises	67274	20625,6	19939,7	18481,0	455,9	782,1
of which						
collective agricultural enterprises	416	138,9	90,7	71,5	5,4	12,6
farms	49893	3997,2	3944,9	3739,3	55,3	132,9
Lands of the state agricultural enterprises	2233	1295,4	1105,6	915,1	37,5	110,8
Lands of the interfarm enterprises	130	11,1	1,7	1,5	—	0,2
Private lands	25092382	16238,6	15707,7	11476,8	1177,8	2257,7
of which						
private ancillary farms and land plots	16651782	5159,7	4802,1	4236,2	185,4	80,2
Lands of other users	248609	22184,1	4895,3	1559,3	748,6	2362,8

<sup>1</sup> According to the data from the Ukraine's State Committee on Land Resources

**8.20. Irrigated and drained land area<sup>1</sup>**

(thsd. ha)

	Drained land							Irrigated land						
	1990	1995	2000	2004	2005	2006	2007	1990	1995	2000	2004	2005	2006	2007
<b>Total land</b>	<b>3220</b>	<b>3299</b>	<b>3299</b>	<b>3294</b>	<b>3307</b>	<b>3307</b>	<b>3307</b>	<b>2601</b>	<b>2585</b>	<b>2408</b>	<b>2195</b>	<b>2183</b>	<b>2181</b>	<b>2181</b>
including lands of agricultural enterprises	3004	2713	2164	1456	1272	1153	1088	2600	2568	2292	1739	1688	1657	1644
of which with closed drainage	2181	2041	1727	1190	1030	936	889	×	×	×	×	×	×	×

<sup>1</sup> See the footnote to Table 8.19

**8.21. Sown area for basic agricultural crops in 1940–2007**

(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

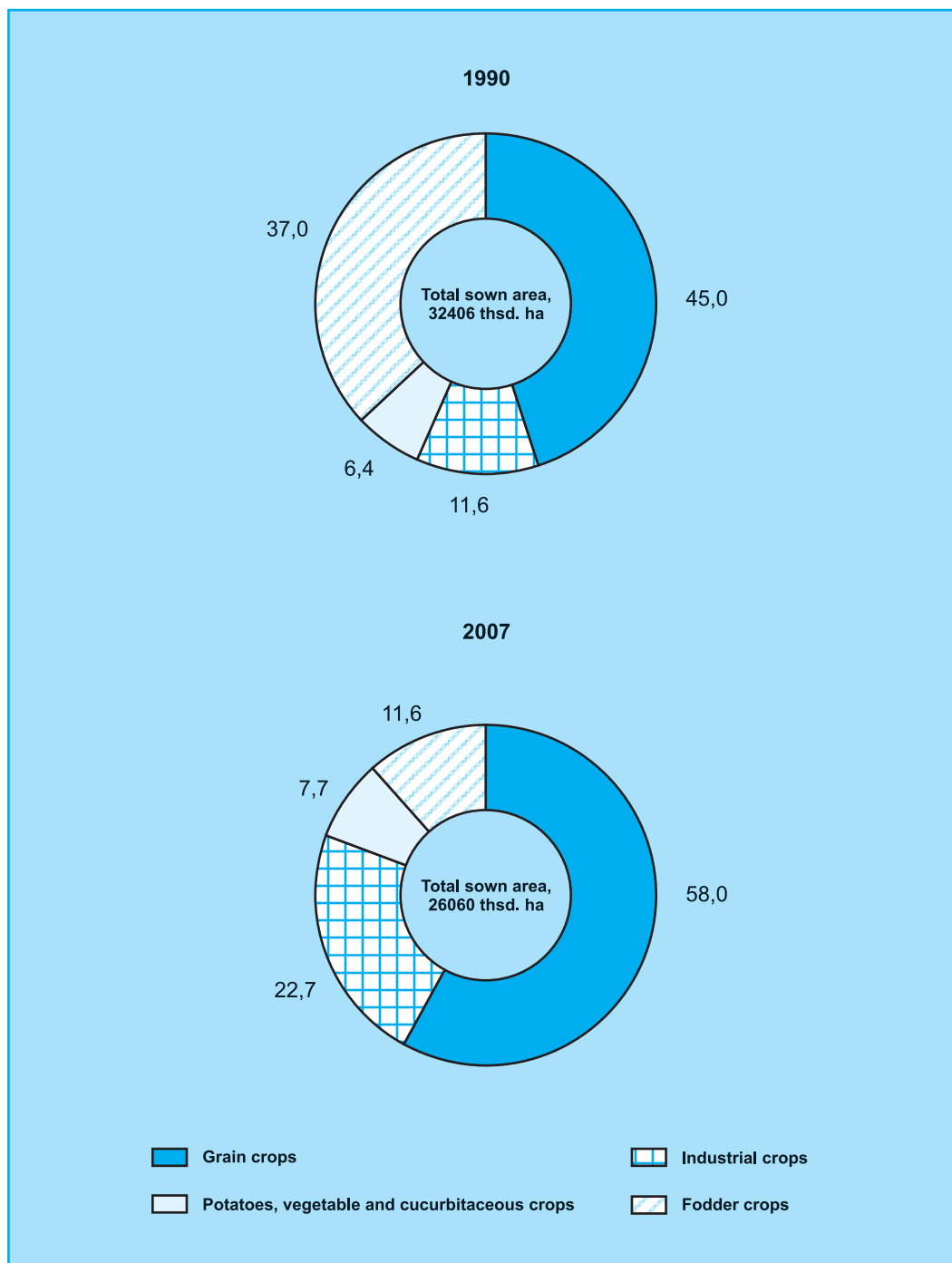
## 8.22. Sown area for agricultural crops

(thsd. ha)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total sown area</b>	<b>32406</b>	<b>30963</b>	<b>27173</b>	<b>27928</b>	<b>27539</b>	<b>25081</b>	<b>26752</b>	<b>26044</b>	<b>25928</b>	<b>26060</b>
<b>Grain crops</b>	<b>14583</b>	<b>14152</b>	<b>13646</b>	<b>15586</b>	<b>15448</b>	<b>12495</b>	<b>15433</b>	<b>15005</b>	<b>14515</b>	<b>15115</b>
Winter crops	8614	6310	6324	8261	8173	2873	6397	7289	5884	6725
wheat	7568	5324	5316	6831	6833	2356	5139	6185	5089	5817
rye	518	609	668	923	787	404	737	622	373	349
barley	528	377	340	507	553	113	521	482	422	559
Summer crops	5969	7842	7322	7324	7275	9622	9036	7716	8631	8390
of which										
wheat	9	185	303	282	293	472	535	480	494	471
barley	2201	4130	3645	3590	3978	5059	4157	4018	4883	4417
oats	492	570	521	594	557	602	538	468	474	404
corn	1234	1174	1364	1291	1311	2170	2467	1711	1777	2087
millet	205	167	437	354	164	311	434	141	136	122
buckwheat	350	459	574	713	433	366	439	426	398	352
rice	28	22	26	19	19	22	21	21	22	21
legumes	1424	1103	408	432	486	558	387	422	406	438
of which										
peas	1287	996	307	319	356	403	270	326	339	362
vetch and vetch mixtures for again	79	65	54	56	64	74	54	44	29	30
<b>Industrial crops</b>	<b>3751</b>	<b>3748</b>	<b>4187</b>	<b>3779</b>	<b>4072</b>	<b>5357</b>	<b>4971</b>	<b>5260</b>	<b>6105</b>	<b>5920</b>
of which										
sugar beets (for processing)	1607	1475	856	970	897	773	732	652	815	610
sunflowers	1636	2020	2943	2502	2834	4001	3521	3743	3964	3604
rape	90	49	214	120	81	69	117	207	414	891
soya	93	25	65	82	108	209	274	438	751	671
flax	172	98	23	27	29	32	38	25	14	13
<b>Potatoes, vegetables and cucurbitaceous crops</b>	<b>2073</b>	<b>2165</b>	<b>2277</b>	<b>2188</b>	<b>2161</b>	<b>2155</b>	<b>2105</b>	<b>2041</b>	<b>2031</b>	<b>1997</b>
of which										
potatoes	1429	1532	1629	1604	1590	1585	1556	1514	1464	1453
vegetables grown in open ground (without seed crops)	456	503	538	490	479	480	476	465	469	451
<b>Fodder crops</b>	<b>11999</b>	<b>10898</b>	<b>7063</b>	<b>6375</b>	<b>5858</b>	<b>5074</b>	<b>4243</b>	<b>3738</b>	<b>3277</b>	<b>3028</b>
of which										
fodder roots (including fodder sugar beets)	624	480	285	320	330	324	299	294	277	275
corn for silage and green fodder	4637	3475	1920	1817	1469	1321	1015	774	675	629
annual hay grass (including winter crops used for green fodder)	2583	2879	1765	1534	1537	1256	990	891	717	614
perennial hay grass (hay grass sown in the previous and current years)	3986	3906	2985	2603	2425	2079	1855	1702	1549	1459
<i>Fallow</i>	<i>1427</i>	<i>1570</i>	<i>3213</i>	<i>2712</i>	<i>2692</i>	<i>3509</i>	<i>2330</i>	<i>2428</i>	<i>1866</i>	<i>1625</i>

### 8.23. Structure of sown area for basic agricultural crops

(percent of the total area)



**8.24. Sown area for agricultural crops in 2007, by region**

(thsd. ha)

	Total sown area	Of which			
		grain crops	industrial crops	potatoes, vegetables and cucurbitaceous crops	fodder crops
<b>Ukraine</b>	<b>26060</b>	<b>15115</b>	<b>5920</b>	<b>1997</b>	<b>3028</b>
Autonomous Republic of Crimea	770	572	89	37	72
<b>oblasts</b>					
Vinnitsya	1424	771	320	127	206
Volyn	497	260	32	79	126
Dnipropetrovsk	1887	1156	563	84	84
Donetsk	1427	745	420	98	164
Zhytomyr	691	348	61	68	214
Zakarpattia	190	84	2	49	55
Zaporizhzhya	1613	858	608	66	81
Ivano-Frankivsk	295	113	12	70	100
Kyiv	1131	643	192	125	171
Kirovohrad	1580	941	496	70	73
Luhansk	964	532	304	58	70
Lviv	523	246	36	115	126
Mykolayiv	1324	807	396	43	78
Odesa	1814	1273	341	74	126
Poltava	1647	997	392	87	171
Rivne	488	245	60	73	110
Sumy	899	554	128	75	142
Ternopil	705	442	118	67	78
Kharkiv	1570	944	370	113	143
Kherson	1346	688	473	102	83
Khmelnyskiy	871	505	135	82	149
Cherkasy	1182	691	265	93	133
Chernivtsi	260	118	30	43	69
Chernihiv	962	582	77	99	204



## 8.25. Harvested area

(thsd. ha)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Grain crops	14522	13963	12587	14655	14242	11113	14776	14605	14192	13428
Winter crops	8592	6277	5846	7991	7757	2524	6248	7187	5807	6334
wheat	7549	5299	4888	6614	6477	2029	5024	6105	5029	5516
rye	517	604	637	878	748	392	715	608	359	336
barley	526	373	322	499	532	102	509	474	419	482
Summer crops	5930	7686	6741	6664	6485	8589	8528	7418	8385	7094
of which										
wheat	9	180	273	268	273	427	509	466	482	435
barley	2186	4040	3367	3422	3621	4498	4006	3876	4818	3607
oats	486	560	481	559	500	544	510	450	442	356
corn grain	1223	1161	1279	1123	1189	1989	2300	1660	1720	1903
millet	197	158	367	251	106	258	377	120	115	92
buckwheat	362	448	529	577	308	324	389	396	360	310
rice	28	22	25	19	19	22	21	21	22	21
legumes	1414	1085	383	412	445	479	367	401	389	315
Sugar beets (for processing)	1605	1448	747	853	763	666	697	623	788	577
Sunflowers	1626	2008	2842	2396	2720	3810	3427	3689	3911	3411
Rape	90	47	157	108	70	54	107	195	387	800
Soya	88	23	61	73	98	190	256	422	715	583
Flax	169	96	20	24	25	27	32	24	10	11
Potatoes	1433	1531	1631	1605	1592	1587	1556	1516	1461	1453
Vegetables	447	489	519	479	471	470	468	464	470	449
Fodder roots (including fodder sugar beets)	683	496	281	320	319	317	298	294	277	276
Corn for silage and green fodder	4730	3493	1843	1733	1414	1266	981	766	666	617
Annual hay grass	309	264	289	325	356	361	346	342	320	288
Perennial hay grass	1425	1442	1249	1190	1086	1042	1048	1001	943	915

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

(thsd. ha)

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

**8.27. Output of basic agricultural crops in 1913–2007**

(thsd. t)

	Grain crops		Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruit and berries	Grapes
	total	of which winter 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

**8.28. Output of basic agricultural crops**

(thsd. t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Grain crops	51009	33930	24459	39706	38804	20234	41809	38016	34258	29295
Winter crops	33560	18163	11348	24064	22834	3658	19386	19744	14444	14609
wheat	30348	15968	9775	20794	19978	2866	16361	17683	12880	13173
rye	1259	1207	966	1821	1509	620	1589	1053	582	561
barley	1953	987	607	1449	1347	172	1436	1008	982	875
Summer crops	17449	15767	13111	15642	15970	16576	22423	18272	19814	14686
of which										
wheat	26	305	422	554	578	733	1159	1016	1067	765
barley	7216	8646	6265	8737	9017	6662	9649	7967	10359	5106
oats	1303	1116	881	1116	943	941	1007	791	690	544
corn grain	4737	3392	3848	3641	4180	6875	8867	7167	6426	7421
millet	338	268	426	266	112	341	459	141	123	84
buckwheat	420	341	481	388	209	311	294	275	229	217
rice	118	80	90	69	75	84	80	93	100	108
legumes	3266	1570	652	827	810	571	812	758	747	357
Sugar beets (for processing)	44264	29650	13199	15575	14452	13392	16600	15468	22421	16978
Sunflowers	2571	2860	3457	2251	3271	4254	3050	4706	5324	4174
Rape	130	40	132	135	61	51	149	285	606	1047
Soya	99	22	64	74	125	232	363	613	890	723
Flax (fiber)	108	48	8	12	11	11	16	13	5	4
Potatoes	16732	14729	19838	17344	16619	18453	20755	19462	19467	19102
Vegetables	6666	5880	5821	5907	5827	6538	6964	7295	8058	6835
Fodder roots (of which fodder sugar beets)	27270	13470	6672	7713	7449	7786	8139	8015	7746	7525
Corn for silage and green fodder	98372	61920	24183	18767	17114	18822	14261	12509	10315	8739
Annual hay grass	1104	774	647	799	803	769	888	942	962	799
Perennial hay grass	5511	4368	2572	2983	2519	2263	2704	2969	2989	2758
Fruit and berries	2902	1897	1453	1106	1211	1697	1635	1690	1114	1470
Grapes	836	457	514	336	359	505	374	443	301	360

**8.29. Output of basic agricultural crops, by category of enterprises**

(thsd. t)

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

### 8.30. Output of grain crops, by region

(thsd. t)

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

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

(thsd. t)

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

**8.32. Output of sunflower seeds, by region**

(thsd. t)

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

**8.33. Output of potatoes, by region**

(thsd. t)

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



**8.34. Output of vegetables, by region**

(thsd. t)

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

**8.35. Output of fruit and berries, by region**

(thsd. t)

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

**8.36. Output of grapes, by region**

(thsd. t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>835,7</b>	<b>457,3</b>	<b>513,8</b>	<b>335,8</b>	<b>359,3</b>	<b>504,9</b>	<b>374,0</b>	<b>442,6</b>	<b>300,9</b>	<b>359,7</b>
Autonomous Republic of Crimea	315,7	116,2	179,4	84,0	90,9	167,7	83,0	116,3	58,7	118,6
<b>oblasts</b>										
Vinnitsya	2,6	2,4	0,7	0,8	0,6	0,3	2,1	2,1	2,3	2,4
Volyn	0,1	0,1	0,3	0,3	0,2	0,4	0,4	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
Donetsk	1,6	11,8	16,1	11,1	13,0	14,0	9,5	11,5	3,3	6,3
Zhytomyr	0,0	0,0	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
Zaporizhzhya	9,0	12,8	3,1	2,7	2,3	8,6	1,2	4,7	2,0	6,3
Ivano-Frankivsk	0,5	0,4	0,7	0,7	0,7	0,6	0,7	0,7	0,8	0,8
Kyiv	1,2	0,1	0,1	0,2	0,3	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
Luhansk	0,6	0,6	1,4	1,6	1,3	1,5	1,1	1,1	0,6	1,0
Lviv	0,3	0,3	1,4	1,3	1,3	1,1	1,3	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
Odesa	337,6	194,6	201,4	137,5	163,4	210,7	179,4	193,3	167,4	142,5
Poltava	0,3	0,3	0,4	0,6	0,5	0,6	0,7	0,6	0,7	0,7
Rivne	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,2	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
Ternopil	0,0	0,1	0,0	0,0	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
Kherson	68,3	38,6	26,3	25,6	23,4	28,3	29,1	36,1	8,0	19,8
Khmelnyskiy	0,0	0,0	0,3	0,2	0,3	0,3	0,3	0,3	0,4	0,5
Cherkasy	0,4	0,7	0,5	0,2	0,6	0,7	0,7	0,5	0,4	0,4
Chernivtsi	0,0	0,4	1,0	1,0	1,2	0,9	0,8	0,7	0,8	0,9
Chernihiv	0,1	0,1	0,3	0,3	0,2	0,2	0,2	0,1	0,1	0,2

**8.37. Yields of basic agricultural crops in 1940–2007**

(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

**8.38. Yields of basic of agricultural crops**

(1 ha; centner)

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

**8.39. Yields of grain crops in 2007, by region**

(1 ha; centner)

	Grain crops	Including					
		wheat	rye	barley	oats	corn grain	millet
<b>Ukraine</b>	<b>21,8</b>	<b>23,4</b>	<b>16,7</b>	<b>14,6</b>	<b>15,3</b>	<b>39,0</b>	<b>9,2</b>
Autonomous Republic of Crimea	22,6	22,8	15,4	20,1	10,0	61,9	5,7
<b>oblasts</b>							
Vinnitsya	23,7	26,0	17,5	17,8	14,9	35,5	10,2
Volyn	22,7	25,0	16,1	23,1	16,5	61,1	6,9
Dnipropetrovsk	16,3	19,6	13,4	9,6	11,8	22,0	8,9
Donetsk	17,1	24,4	18,5	10,1	10,7	13,8	8,8
Zhytomyr	23,1	23,1	13,7	18,0	12,7	66,4	11,3
Zakarpattia	36,0	30,0	29,1	27,7	20,6	46,0	—
Zaporizhzhya	15,8	21,8	15,3	8,3	7,7	13,1	5,6
Ivano-Frankivsk	27,3	25,2	20,4	24,5	18,4	41,4	6,0
Kyiv	28,8	27,3	17,8	18,3	16,6	56,9	11,3
Kirovohrad	15,7	20,6	19,0	8,7	12,1	25,2	7,1
Luhansk	17,4	21,1	14,0	9,6	12,6	24,2	10,0
Lviv	25,5	25,9	17,0	23,7	16,9	50,8	12,0
Mykolayiv	12,3	14,9	11,9	9,1	6,1	15,3	6,6
Odesa	15,0	17,9	13,9	12,9	9,1	11,0	5,8
Poltava	29,1	28,1	20,0	18,4	20,2	47,2	13,0
Rivne	24,2	26,6	16,7	23,2	16,9	54,6	7,1
Sumy	24,2	27,1	17,7	19,8	15,7	38,0	12,2
Ternopil	26,2	25,4	17,1	24,4	16,9	47,1	6,2
Kharkiv	24,0	27,6	22,2	15,9	17,5	36,6	13,4
Kherson	16,0	18,5	8,8	9,0	9,0	41,3	3,8
Khmelnyskiy	25,7	25,5	17,3	23,1	17,8	50,5	12,3
Cherkasy	28,7	28,4	20,2	15,7	18,5	49,4	10,9
Chernivtsi	36,3	28,6	16,3	24,5	19,2	47,7	7,3
Chernihiv	28,9	28,1	17,4	22,9	15,0	51,2	10,1

**8.40. Yields of major of agricultural crops in 2007, by region**

(1 ha; centner)

	Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruits and berries
<b>Ukraine</b>	<b>294</b>	<b>12,2</b>	<b>131</b>	<b>152</b>	<b>61,7</b>
Autonomous Republic of Crimea	—	6,8	82	136	32,5
<b>oblasts</b>					
Vinnitsya	296	14,1	104	154	95,3
Volyn	279	23,7	134	224	88,7
Dnipropetrovsk	172	12,9	76	158	103,6
Donetsk	107	12,4	98	152	89,5
Zhytomyr	309	15,2	178	204	48,6
Zakarpattia	—	12,7	166	180	50,6
Zaporizhzhya	73	9,6	36	103	65,2
Ivano-Frankivsk	227	11,7	128	134	36,5
Kyiv	312	15,1	139	189	27,9
Kirovohrad	211	13,4	62	94	27,7
Luhansk	116	14,0	123	168	37,8
Lviv	308	—	162	209	70,9
Mykolayiv	124	9,5	48	94	40,2
Odesa	162	6,7	30	82	44,0
Poltava	302	20,4	145	188	77,5
Rivne	333	8,4	166	174	75,8
Sumy	234	16,8	163	188	24,8
Ternopil	350	15,5	153	193	31,9
Kharkiv	240	17,7	146	182	66,9
Kherson	234	5,7	90	121	46,6
Khmelnyskiy	377	12,3	200	197	98,3
Cherkasy	269	17,1	89	115	44,9
Chernivtsi	320	12,6	162	182	54,3
Chernihiv	308	15,0	185	170	31,3

#### 8.41. Collective horticulture<sup>1</sup> 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

<sup>1</sup> 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

#### 8.42. Use of fertilizers for agricultural crops in agricultural enterprises

	1990	1996	2000	2001	2002	2003	2004	2005	2006	2007
<b>Mineral fertilisers</b>										
Fertilisers used in conventional units, total, thsd. centners	42416,3	5246,5	2787,1	4009,6	3992,3	3789,5	5185,9	5579,2	6993,3	8964,5
Fertilized area, thsd. ha	25090,1	8169,1	4632,1	6388,1	6226,4	5752,4	7889,2	7755,6	9541,9	10926,5
Share of fertilized area, percent	83	32	22	30	33	34	44	45	55	62
Fertilisers in conventional units used per 1 hectare of sown area, kg	141	21	13	19	21	22	29	32	40	51
<b>Organic fertilizers</b>										
Fertilisers used in conventional units, total, thsd. t	257130,8	80614,5	28410,1	26534,8	22685,1	17448,9	15083,4	13245,8	13027,0	11910,8
Fertilized area, thsd. ha	5384,2	1824,4	714,5	708,7	658,6	551,1	531,4	465,2	487,0	464,0
Share of fertilized area, percent	18	7	3	3	4	3	3	3	3	3
Fertilisers 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



**8.43. Supply of crop products to processing enterprises**

(thsd. t)

	2002	2003	2004	2005	2006	2007
<b>Grain crops</b>						
<b>Supply, total</b>	<b>7783</b>	<b>7512</b>	<b>9389</b>	<b>8616</b>	<b>7829</b>	<b>8841</b>
from						
agricultural enterprises	3109	1861	3486	3310	2805	2669
holdings of the population	224	120	94	70	80	58
other economic structures	4450	5531	5809	5236	4944	6114
<b>of the total volume, by type of crop</b>						
wheat	4846	3760	4848	4340	4016	4981
rye	700	638	567	456	367	249
corn	690	1607	2003	2065	1952	2224
barley	1053	1029	1331	1231	1089	1034
oats	100	123	141	90	70	112
millet	24	48	59	57	17	17
buckwheat	149	152	167	150	124	107
rice	13	21	18	18	19	32
leguminous crops	142	85	167	146	131	43
<b>Sugar beets (including raw materials and raw materials of own production supplied by customers)</b>						
<b>Supply, total</b>	<b>12882</b>	<b>12086</b>	<b>14891</b>	<b>14197</b>	<b>21011</b>	<b>15597</b>
from						
agricultural enterprises	9218	9190	11409	10909	16367	12589
holdings of the population	2911	2209	2703	2229	2336	1008
other economic structures	753	687	779	1059	1290	531

**LIVESTOCK BREEDING**

**8.44. Livestock and poultry population in 1915–2007**

(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

**8.45. Livestock and poultry population, by category of enterprises**

(end of year; thsd. heads)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>All categories of farms</b>										
Cattle	24623	17557	9424	9421	9108	7712	6903	6514	6175	5491
of which cows	8378	7531	4958	4918	4716	4284	3926	3635	3347	3096
Pigs	19427	13144	7652	8370	9204	7322	6466	7053	8055	7020
Sheep and goats	8419	4099	1875	1965	1984	1859	1755	1630	1617	1679
of which sheep	7896	3209	963	967	950	893	875	872	925	1034
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
<b>Agricultural enterprises</b>										
Cattle	21083	13701	5037	4663	4194	3165	2691	2492	2294	1927
of which cows	6192	4595	1851	1675	1402	1100	950	866	764	679
Pigs	14071	7152	2414	2907	3391	2273	2098	2602	3257	2870
Sheep and goats	7166	2424	413	390	362	301	271	271	283	301
of which sheep	7164	2420	412	389	360	299	269	269	281	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
<b>including farms</b>										
Cattle	0	27	102	117	120	106	103	110	112	105
of which cows	0	16	36	40	38	36	36	38	38	38
Pigs	0	40	54	70	101	88	82	150	232	248
Sheep and goats	0	20	6	8	12	18	27	33	43	54
of which sheep	0	17	6	8	12	18	27	33	43	54
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
<b>Agricultural holdings of the population</b>										
Cattle	3540	3856	4387	4758	4914	4547	4212	4022	3881	3564
of which cows	2186	2936	3107	3243	3314	3184	2976	2769	2583	2417
Pigs	5356	5992	5238	5463	5813	5049	4368	4451	4798	4150
Sheep and goats	1253	1675	1462	1575	1622	1558	1484	1359	1334	1378
of which sheep	732	789	551	578	590	594	606	603	644	736
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

**8.46. Livestock and poultry population in 2007, by region**

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry
	total	of which cows			
<b>Ukraine</b>	<b>5490,9</b>	<b>3095,9</b>	<b>7019,9</b>	<b>1678,6</b>	<b>169290,3</b>
Autonomous Republic of Crimea	194,0	91,4	170,0	298,5	10548,0
<b>oblasts</b>					
Vinnitsya	383,7	208,7	394,5	37,6	9123,6
Volyn	242,0	143,7	326,3	16,2	4337,9
Dnipropetrovsk	166,2	97,2	460,3	51,7	14230,1
Donetsk	179,6	85,6	351,1	78,6	11005,0
Zhytomyr	287,4	173,9	195,5	23,3	5338,5
Zakarpattia	164,4	115,8	267,7	128,9	3083,3
Zaporizhzhya	132,0	73,2	313,5	46,0	4970,7
Ivano-Frankivsk	227,4	140,7	182,3	25,1	5759,2
Kyiv	207,2	108,4	473,1	28,0	21795,7
Kirovohrad	146,8	80,4	247,0	40,8	4251,1
Luhansk	133,2	70,9	144,3	57,7	5383,5
Lviv	317,5	192,1	253,4	21,0	7265,2
Mykolayiv	150,6	100,8	127,3	43,0	2886,2
Odesa	200,8	114,7	325,8	383,3	5121,3
Poltava	310,2	157,1	331,3	44,6	5477,2
Rivne	221,4	137,4	352,2	16,3	4564,4
Sumy	212,4	123,7	216,0	40,5	3895,3
Ternopil	221,6	132,3	318,5	12,2	4351,4
Kharkiv	213,8	110,2	215,7	53,1	7419,9
Kherson	163,3	88,7	174,1	71,0	3703,9
Khmelnyskiy	325,1	183,2	296,5	25,1	3960,0
Cherkasy	243,6	113,8	448,9	44,5	13674,7
Chernivtsi	151,9	82,0	188,2	55,9	2983,8
Chernihiv	294,8	170,0	246,4	35,7	4160,4

**8.47. Output of basic animal products in 1940–2007**

	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

**8.48. Output of basic animal products, by category of enterprises**

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

#### 8.49. Output of meat, by category

(slaughter weight; thsd. t)

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

#### 8.50. Output of meat, by region

(slaughter weight; thsd. t)

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

AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

**8.51. Output of milk, by region**

(thsd. t)

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



AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

**8.52. Output of eggs, by region**

(mln. pcs)

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

### 8.53. Livestock and poultry productivity

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

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

(kg)

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

**8.55. Average annual yield of milk per cow, by region**

(kg)

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

AGRICULTURE, HUNTING, FORESTRY, FISHING, FISHERY

**8.56. Livestock and poultry feeds used**

(normative units)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>All categories of farms</b>										
Fodder, total, mln. t	103,6	71,0	42,5	42,8	44,3	40,5	38,5	37,5	38,3	36,0
of which concentrated fodder	35,5	22,3	12,0	12,2	13,4	12,5	12,1	12,9	13,8	13,6
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
<b>Agricultural enterprises</b>										
Fodder, total, mln. t	78,2	45,0	16,0	15,3	15,4	12,2	11,2	11,8	12,2	11,6
of which concentrated fodder	27,7	14,4	4,2	4,5	5,4	4,6	4,7	5,6	6,5	6,7
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	28,4

**8.57. Animal products supplied to processing enterprises**

(thsd. t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Livestock and poultry (live weight)</b>										
<b>Supply, total</b>	<b>4609</b>	<b>1118</b>	<b>452</b>	<b>389</b>	<b>477</b>	<b>575</b>	<b>432</b>	<b>489</b>	<b>1088<sup>1</sup></b>	<b>1330<sup>1</sup></b>
from										
agricultural enterprises	4314	872	207	205	219	271	249	280	349	411
holdings of the population	295	236	238	176	248	297	178	200	244	289
other economic structures	—	10	7	8	10	7	5	9	29	54
<b>out of the total by type</b>										
cattle	—	828	342	301	393	440	314	335	378 <sup>1</sup>	433 <sup>1</sup>
pigs	—	132	74	51	70	113	99	108	199 <sup>1</sup>	285 <sup>1</sup>
poultry	—	44	17	27	3	10	10	38	505 <sup>1</sup>	604 <sup>1</sup>
<b>Milk and dairy products</b>										
<b>Supply, total</b>	<b>17958</b>	<b>6066</b>	<b>3335</b>	<b>4376</b>	<b>3937</b>	<b>4413</b>	<b>5237</b>	<b>5689</b>	<b>5607</b>	<b>6039<sup>1</sup></b>
from										
agricultural enterprises	17943	5911	1790	2021	1893	1577	1650	1797	1831	1671
holdings of the population	15	155	1515	2325	2025	2799	3528	3814	3392	3848
other economic structures	—	—	30	30	19	37	59	78	384	510

<sup>1</sup> Including livestock and poultry production by processing enterprises

**HUNTING**

**8.58. Basic hunting indicators**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Total hunting estates	...	719	841	872	854	928	954	868	865	886
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
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
Total staff engaged in hunting	3652	4432	4965	5315	5388	5530	5767	5887	5818	6060
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
fur animals	2134,2	2497,7	2416,4	2379,3	2466,5	2412,0	2335,0	2348,4	2290,4	2224,7
furred game	5098,0	11794,6	9417,5	9436,7	9485,2	9037,8	9201,7	9280,9	9753,8	9647,1
Expenditure on hunting management <sup>1</sup>	14,8	640,7	20811,1	26430,8	30577,3	34919,5	44525,9	58078,6	70376,9	93121,0
including										
Expenditure on protection and reproduction of wild animals, including biotechnical measures	6,1	218,0	9365,7	12550,0	13143,3	13747,0	17622,1	21140,3	24385,0	33815,4
Expenditure on artificial breeding of game animals for placement in the wild environment	1,2	6,7	278,4	270,7	378,2	516,6	938,8	1168,8	1400,0	2112,7

<sup>1</sup> At current prices: in 1990, mln. KRB; in 1995, bln. KRB; in 2000–2007, thsd. UAH

**8.59. Total number of wild animals inhabiting in hunting areas**

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

AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

**FORESTRY**

**8.60. 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

**8.61. Basic indicators of forestry operations**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Output of 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
of which logging products	...	...	...	696,8	824,3	970,9	1408,6	1747,9	2150,6	2576,2
Procurement of marketable timber, thsd. cub. m	12642	9741	11262	12022	12827	14266	15432	15244	15849	16884
Main use felling	5755	4574	5236	5507	5833	6139	6488	6456	6828	7075
Forest maintenance felling and other felling, and clean up from blockase	6887	5167	6025	6515	6994	8127	8944	8788	9021	9809
Felling area, thsd. ha	536,4	504,2	455,1	570,3	443,4	465,2	468,7	464,7	468,2	476,2
Main use felling	27,8	20,3	22,2	23,2	25,1	26,1	27,4	27,1	28,1	29,4
Forest maintenance felling and other felling, and clean up from blockase	508,6	483,9	432,9	547,1	418,3	439,1	441,3	437,6	440,1	446,8
Collection of juice, t	...	...	4416,2	3921,9	3485,0	2575,0	2065,0	1622,1	1147,4	1012,5
Forest reproduction, thsd. ha	37,5	38,4	37,8	42,6	45,9	48,3	53,9	58,6	66,7	73,6
Reforestation	35,4	33,9	29,8	34,3	37,4	38,4	42,6	45,8	54,0	60,0
Natural reproduction	2,1	4,5	8,0	8,3	8,5	9,9	11,3	12,8	12,7	13,6
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
Remainder of the uncleaned areas, thsd. ha <sup>1</sup>	4,8	4,4	4,1	3,4	3,6	2,7	2,4	2,4	8,7	7,6
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
Forest fires	2714	3758	3696	3205	6383	4527	1876	4223	3842	6100
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
Losses caused by fires <sup>2</sup>	1,1	178,5	1367,6	6204,3	3378,9	1817,5	428,7	3535,0	5917,6	188412,2

<sup>1</sup> As of 1 May of the relevant year

<sup>2</sup> At current prices: in 1990, mln. KRB; in 1995, bln. KRB; in 2000–2007, thsd. UAH

AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

**8.62. Forestry products, operations and services, by region**

(at current prices; mln. UAH)

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



**8.63. Forest felling in 2007, by region**

(thsd. ha)

	Land area of the forest stock <sup>1</sup>	Forest felling area	Of which			
			main use felling	forest maintenance felling	including	
					test felling	other felling
<b>Ukraine</b>	<b>10782,2</b>	<b>476,2</b>	<b>29,4</b>	<b>383,3</b>	<b>121,2</b>	<b>262,1</b>
Autonomous Republic of Crimea	331,2	3,6	—	3,3	1,5	1,8
<b>oblasts</b>						
Vinnitsya	362,6	23,0	1,5	21,1	7,3	13,8
Volyn	697,3	39,6	2,6	26,0	8,0	18,0
Dnipropetrovsk	198,6	2,1	—	1,9	0,8	1,1
Donetsk	213,2	3,9	—	3,8	1,3	2,5
Zhytomyr	1089,5	55,1	5,0	47,4	15,9	31,5
Zakarpattia	694,0	27,7	1,5	16,8	6,4	10,4
Zaporizhzhya	121,9	1,8	—	1,7	0,4	1,3
Ivano-Frankivsk	626,0	25,3	1,1	19,1	6,0	13,1
Kyiv	746,0	31,3	2,1	26,0	8,8	17,2
Kirovohrad	167,8	4,7	0,1	4,1	1,3	2,8
Luhansk	340,0	10,4	0,2	9,1	3,4	5,7
Lviv	689,9	27,6	2,6	21,6	9,1	12,5
Mykolayiv	127,4	2,5	—	2,1	0,6	1,5
Odesa	260,0	5,7	0,0	5,6	1,0	4,6
Poltava	270,6	8,2	0,4	6,6	1,8	4,8
Rivne	845,9	49,0	2,6	32,2	7,2	25,0
Sumy	444,9	22,6	1,3	20,5	5,0	15,5
Ternopil	196,4	9,5	0,9	7,8	3,5	4,3
Kharkiv	419,4	15,1	0,2	12,4	3,4	9,0
Kherson	265,1	8,5	—	8,1	1,7	6,4
Khmelnyskiy	285,9	18,6	1,2	16,5	6,6	9,9
Cherkasy	345,0	20,3	0,9	18,6	6,2	12,4
Chernivtsi	258,0	15,7	2,2	13,3	5,9	7,4
Chernihiv	713,4	40,4	3,0	34,1	7,5	26,6
<b>cities</b>						
Kyiv	34,6	3,8	—	3,4	0,5	2,9
Sevastopol	37,6	0,2	—	0,2	0,1	0,1

<sup>1</sup> Data from the state recording of the forest stock as of 1 January 1996

**8.64. Forest maintenance felling and other felling, and clean up from blockase, by region**

(thsd. ha)

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

<sup>1</sup> Also, 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

**8.65. Marketable timber procurement, by region**

(thsd. cub. m)

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

AGRICULTURE, HUNTING, FORESTRY. FISHING, FISHERY

**8.66. Reforestation, by region**

(ha)

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

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

**8.67. Planting and sowing of forest, by region**

(ha)

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

<sup>1</sup> 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

### 8.68. Forest protection operations

(end of year)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
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
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
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
by chemicals	26,6	61,1	15,2	10,4	16,4	42,1	88,1	46,2	23,6	21,0
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
Death of forests, ha	4020	7468	8908	8861	11562	12071	9418	12085	12795	29897
of which due to										
pests	48	536	388	272	392	618	598	860	1129	821
diseases	323	1252	1278	1726	2050	2456	3420	3294	4329	2793
adverse weather conditions	2024	3484	6421	4187	6093	6784	4159	6064	5249	15272
forest fires	1157	2031	696	2579	2913	2087	1051	1437	1864	10955

### 8.69. Forest fires in 2007, by region

	Incidents	Forest areas affected by 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
<b>Ukraine</b>	<b>6100</b>	<b>13787</b>	<b>1308223</b>	<b>188412,2</b>	<b>57082,1</b>
Autonomous Republic of Crimea	202	1482	65695	97788,7	53185,1
<b>oblasts</b>					
Vinnitsya	5	13	28	10,8	1,5
Volyn	52	24	1343	28,6	16,2
Dnipropetrovsk	444	410	24318	906,7	195,9
Donetsk	596	497	961	364,1	3,5
Zhytomyr	66	15	—	4,7	—
Zakarpattya	2	2	—	65,3	59,4
Zaporizhzhya	233	162	1070	113,7	1,2
Ivano-Frankivsk	2	7	—	9,8	—
Kyiv	501	245	6610	127,4	42,5
Kirovohrad	170	45	210	30,1	1,7
Luhansk	643	755	228126	1426,0	789,6
Lviv	13	7	—	9,6	—
Mykolayiv	369	261	11639	650,0	48,3
Odesa	83	161	2118	134,6	89,9
Poltava	270	42	1064	327,0	14,7
Rivne	54	39	215	83,9	27,3
Sumy	192	160	160	195,5	51,4
Ternopil	—	—	—	—	—
Kharkiv	461	99	508	142,6	3,8
Kherson	438	8886	962298	85420,0	2481,4
Khmelnyskiy	62	12	—	12,5	—
Cherkasy	426	86	—	130,6	—
Chernivtsi	—	—	—	—	—
Chernihiv	253	203	1261	162,9	58,5
<b>cities</b>					
Kyiv	475	124	—	70,0	8,9
Sevastopol	88	50	599	197,1	1,3

**FISHING, FISHERY**

**8.70. Fish catching and harvesting of other water living resources, by type of water basin**

(t)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>400191</b>	<b>350087</b>	<b>333363</b>	<b>293205</b>	<b>248176</b>	<b>225905</b>	<b>265585</b>	<b>228840</b>	<b>207242</b>
Inland water basins	67816	38210	38257	38011	37703	35365	37396	36701	37692
of which freshwater basins	59391	38188	38257	38001	37699	35365	37388	36701	37110
of which									
lakes	1871	693	880	760	987	1399	2660	2413	3141
rivers	3020	1937	1804	2210	1800	1546	1806	1673	1952
water basins (excluding herbivorous fish)	8828	8087	7926	7364	6855	6903	6781	6636	6696
ponds and other water basins of fishing industries	43259	24970	25381	25845	26029	23995	24343	24479	23417
Exeptional (sea) economic zone of Ukraine	30133	56990	134585	93030	55027	52467	61176	46799	45997
Exeptional (sea) economic zone of other countries	279548	175033	151613	153324	140991	126834	149622	122374	123553
Open section of the World Ocean	22694	79854	8908	8840	14455	11239	17391	22966	—

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

(t)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Fish catch</b>	<b>363444</b>	<b>346699</b>	<b>310451</b>	<b>253847</b>	<b>222385</b>	<b>195067</b>	<b>234185</b>	<b>202231</b>	<b>192087</b>
herrings	311	73	141	173	138	182	270	300	301
sardines	64907	46874	28847	29815	24549	29873	38979	31845	34543
sprats	10284	29422	45993	42575	28701	23494	31423	17214	15743
sardelles	8077	9002	17268	13611	9422	7238	12563	8667	9457
khamsa	18514	15356	13777	12026	11144	9136	5407	6151	8604
caspian roaches, sea-roaches	2716	2421	2514	1338	1455	1232	1077	881	1095
pike-perch	781	1183	1717	1682	770	615	423	404	372
bream	2169	2209	3867	2858	2313	2081	1979	1967	2192
grey mullet	252	5459	2738	2696	2156	4455	6035	6911	5974
carp	25385	8519	8651	10683	9777	10054	10531	10322	11151
silver carp	17466	15239	15253	14157	15612	13467	14705	14732	14503
mackerel	56266	18357	9614	9840	9565	4236	2880	3880	2881
horse-mackerel	50064	27734	32198	14402	28891	21756	25773	21614	25142
bullhead	203	752	1437	3408	5921	10204	9607	8065	6156
sanderling	188	372	266	343	236	376	380	631	1037
cod	13189	24637	17530	14702	2166	8492	1375	921	1282
others	92672	139090	108640	79538	69569	48176	70778	67726	51654
<b>Extraction of other water living resources</b>	<b>36747</b>	<b>3388</b>	<b>22912</b>	<b>39358</b>	<b>25791</b>	<b>30838</b>	<b>31400</b>	<b>26609</b>	<b>15155</b>
of which									
crustaceans	27302	10	14079	26864	17136	10965	14077	14137	22
mollusks	8340	3353	8833	12491	8655	19867	17256	12439	15001
aquatic plants	743	6	—	—	—	—	4	0	32



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

(t)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>400191</b>	<b>350087</b>	<b>333363</b>	<b>293205</b>	<b>248176</b>	<b>225905</b>	<b>265585</b>	<b>228840</b>	<b>207242</b>
Autonomous Republic of Crimea	102478	126698	89074	58562	47351	19679	34269	24095	24883
<b>oblasts</b>									
Vinnitsya	3245	1824	1677	1826	1932	1493	1817	1731	1666
Volyn	743	261	278	287	368	304	401	476	645
Dnipropetrovsk	4052	2717	2548	2482	2192	2083	1997	1630	1618
Donetsk	7353	7777	9176	10351	8137	9233	10811	9650	8361
Zhytomyr	1630	911	924	908	849	761	833	892	875
Zakarpattia	685	281	366	427	394	411	388	411	422
Zaporizhzhya	5028	3722	4625	4568	5087	8283	9668	7943	9891
Ivano-Frankivsk	1169	357	366	430	444	481	551	552	603
Kyiv	4275	2002	2137	1762	1772	1596	1393	1220	1340
Kirovohrad	889	1363	1307	1195	1224	1111	1128	1100	1291
Luhansk	1072	1196	975	826	513	526	370	349	426
Lviv	2367	1312	1623	2450	1848	1977	1575	1653	1620
Mykolayiv	5062	2944	2075	1780	1041	704	761	994	1022
Odesa	68120	31512	19922	31491	26398	16030	23258	20309	15515
Poltava	4698	3288	2925	3497	3358	2668	2163	3054	3085
Rivne	927	504	567	472	506	576	601	531	670
Sumy	2860	1925	2090	2226	2008	2171	2329	1703	1681
Ternopil	740	286	386	531	393	195	408	467	486
Kharkiv	1464	1025	856	1215	1301	952	987	1147	885
Kherson	5372	5816	5592	4997	6166	6274	6840	5971	5143
Khmelnyskiy	1479	700	692	849	853	729	746	770	824
Cherkasy	5415	5175	5553	5118	5056	4489	4448	3787	3885
Chernivtsi	450	522	563	543	469	492	464	562	366
Chernihiv	791	397	634	604	695	634	707	782	1145
<b>cities</b>									
Kyiv	—	2240	22167	2907	—	—	—	—	—
Sevastopol	167827	143332	154265	150901	127821	142053	156672	137061	118894

## 9. INVESTMENT AND CONSTRUCTION ACTIVITY

The section contains information about the actual volumes of capital investment and investment into fixed capital, structures 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 expected first of all from the employment of the object. It also has a rise in the sum for the first 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 reequipment 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 technical equipment for buildings and structures, work on completing construction, and lease of construction equipment operators.

## INVESTMENT AND CONSTRUCTION ACTIVITY

**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.

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	2003	2004	2005	2006	2007	2002	2003	2004	2005	2006	2007
	at current prices, mln. UAH						percentage of total					
<b>Total</b>	<b>46563</b>	<b>59899</b>	<b>89314</b>	<b>111174</b>	<b>148972</b>	<b>222679</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
including investment into fixed capital	37178	51011	75714	93096	125254	188486	79,8	85,2	84,8	83,7	84,1	84,6
including major construction	20834	28509	41885	50552	71518	109694	44,7	47,6	46,9	45,5	48,0	49,2
purchase of machines and equipment	16344	22502	33829	42544	53736	78792	35,1	37,6	37,9	38,2	36,1	35,4
expenditure on other non-circulation tangible fixed assets	704	971	1786	2928	2523	3454	1,5	1,6	2,0	2,6	1,7	1,6
expenditure on improvement of assets (major repairs)	4065	6006	9221	11533	15966	23645	8,7	10,0	10,3	10,4	10,7	10,6
investment in intangible assets	4223	1424	2146	3040	4584	6389	9,1	2,4	2,4	2,8	3,1	2,9
expenditure on main herd formation	393	487	447	577	645	705	0,9	0,8	0,5	0,5	0,4	0,3

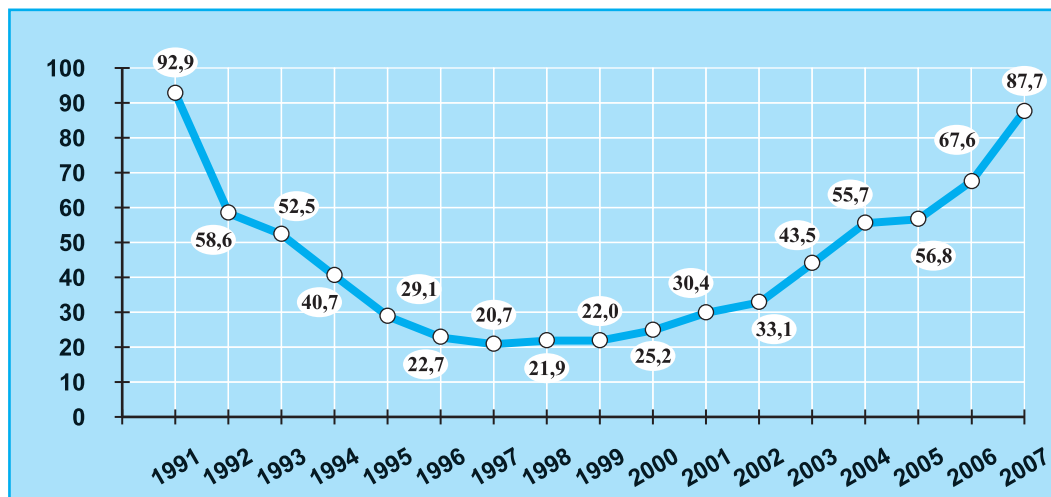
### 9.2. Fixed capital investment

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
	KRB mln.	KRB bln.	UAH mln.							
Fixed capital investment (at current prices)	31114	937816	23629	32573	37178	51011	75714	93096	125254	188486
	<b>Percent</b>									
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
to the previous year	101,9	71,5	114,4	120,8	108,9	131,3	128,0	101,9	119,0	129,8

## INVESTMENT AND CONSTRUCTION ACTIVITY

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

<sup>1</sup> This data format is used since 1997

<sup>2</sup> Account started from the report 2006 (before this period was a part of other financing sources)

<sup>3</sup> Observed since 1999

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.5. Fixed capital investment for restructuring in 2007,  
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	72,8	25,0	2,2
agriculture, hunting and related services	100,0	73,0	24,9	2,1
Fishing, fishery	100,0	69,1	22,4	8,5
Industrial production	100,0	67,1	29,1	3,8
mining	100,0	53,7	21,7	24,6
manufacturing	100,0	71,4	28,6	0,0
production and distribution of electricity, gas and water	100,0	58,5	41,5	0,0
Construction	100,0	64,3	35,7	0,0
Trade; repair of motor vehicles, household appliances and personal demand items	100,0	45,4	54,6	0,0
Activity of hotels and restaurants	100,0	80,7	19,3	0,0
Activity of transport and communications	100,0	52,7	47,3	0,0

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.6. Fixed capital investment, by region**

(at current prices)

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

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.7. Indices for fixed capital investment, by region**

(percent)

	1990=100							To the previous year						
	2000	2002	2003	2004	2005	2006	2007	2000	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>25,2</b>	<b>33,1</b>	<b>43,5</b>	<b>55,7</b>	<b>56,8</b>	<b>67,6</b>	<b>87,7</b>	<b>114,4</b>	<b>108,9</b>	<b>131,3</b>	<b>128,0</b>	<b>101,9</b>	<b>119,0</b>	<b>129,8</b>
Autonomous Republic of Crimea	17,2	27,1	33,5	41,4	41,8	50,9	64,8	93,8	116,4	123,6	123,5	100,9	121,7	127,4
<b>oblasts</b>														
Vinnitsya	15,5	22,3	28,6	33,6	40,7	52,7	74,5	109,9	109,2	128,3	117,6	121,1	129,5	141,4
Volyn	17,8	33,3	37,1	47,1	43,3	59,7	79,3	95,4	112,2	111,4	126,9	92,0	137,9	132,8
Dnipropetrovsk	24,1	25,8	35,6	43,5	47,7	59,2	71,8	123,5	100,2	138,0	122,1	109,7	124,2	121,2
Donetsk	27,1	31,7	38,3	50,1	55,5	60,7	76,5	107,4	99,5	120,8	130,7	110,8	109,3	126,0
Zhytomyr	8,0	13,7	15,0	18,2	20,5	24,7	33,8	103,4	154,9	109,7	121,3	112,7	120,6	136,9
Zakarpattia	19,1	28,2	47,3	44,1	35,8	55,4	62,2	120,1	111,0	167,7	93,2	81,1	154,8	112,2
Zaporizhzhya	23,2	25,6	34,5	38,7	38,9	40,9	59,3	101,8	111,9	134,5	112,2	100,5	105,1	145,0
Ivano-Frankivsk	46,0	59,0	67,1	81,7	70,8	95,9	127,6	159,7	106,7	113,7	121,7	86,6	135,4	133,1
Kyiv	19,7	28,1	46,3	49,6	52,1	70,4	106,7	118,2	115,6	165,2	107,2	105,1	135,1	151,6
Kirovohrad	10,0	15,8	20,9	35,9	27,8	34,8	42,0	100,6	117,3	132,0	171,9	77,4	125,2	120,8
Luhansk	17,6	21,7	28,5	38,7	47,5	54,3	84,1	106,6	106,2	131,1	135,7	122,7	114,3	154,8
Lviv	32,7	46,7	63,9	79,2	85,2	94,3	116,2	127,6	126,8	136,7	123,9	107,6	110,7	123,2
Mykolayiv	16,0	30,7	37,0	48,3	51,3	55,7	57,2	111,6	135,3	120,5	130,6	106,2	108,5	102,7
Odesa	28,0	43,4	52,8	71,7	58,7	72,8	89,7	140,4	101,1	121,6	135,8	81,9	124,1	123,2
Poltava	46,4	48,7	54,2	63,0	66,7	75,5	91,2	104,6	123,7	111,1	116,2	105,8	113,2	120,8
Rivne	16,1	25,1	36,6	57,1	29,5	48,2	56,3	82,6	115,1	145,5	156,0	51,7	163,4	116,9
Sumy	28,5	37,7	34,4	35,0	38,6	35,8	49,6	117,5	94,5	91,2	101,8	110,3	92,7	138,6
Ternopil	12,7	16,5	22,7	27,1	31,6	37,9	52,6	79,0	111,1	137,4	119,5	116,5	119,8	138,9
Kharkiv	25,9	38,5	52,8	66,1	63,0	77,7	102,7	138,0	120,5	137,0	125,2	95,3	123,4	132,2
Kherson	10,8	12,4	16,5	23,1	23,7	29,2	38,7	120,7	93,0	132,9	140,0	102,4	123,3	132,6
Khmelnyskiy	15,9	21,0	25,2	41,3	29,0	36,4	47,5	95,5	121,0	119,7	163,9	70,2	125,4	130,5
Cherkasy	14,9	21,9	34,7	77,7	53,1	76,6	85,4	89,0	129,9	158,5	224,0	68,4	144,3	111,5
Chernivtsi	9,9	19,1	29,1	31,9	29,7	49,3	65,1	103,6	130,7	152,3	109,6	93,0	166,0	132,1
Chernihiv	19,7	23,4	31,5	38,2	37,0	38,0	52,8	113,2	101,5	134,7	121,4	96,9	102,6	139,0
<b>cities</b>														
Kyiv	94,7	119,0	165,7	219,6	256,7	287,2	376,8	121,1	98,6	139,2	132,5	116,9	111,9	131,2
Sevastopol	30,1	51,4	73,9	64,6	65,8	77,8	94,8	166,7	176,7	143,6	87,4	101,8	118,3	121,8

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



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

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

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.11. Fixed capital investment, by industrial activity**

(at current prices; mln. UAH)

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

## INVESTMENT AND CONSTRUCTION ACTIVITY

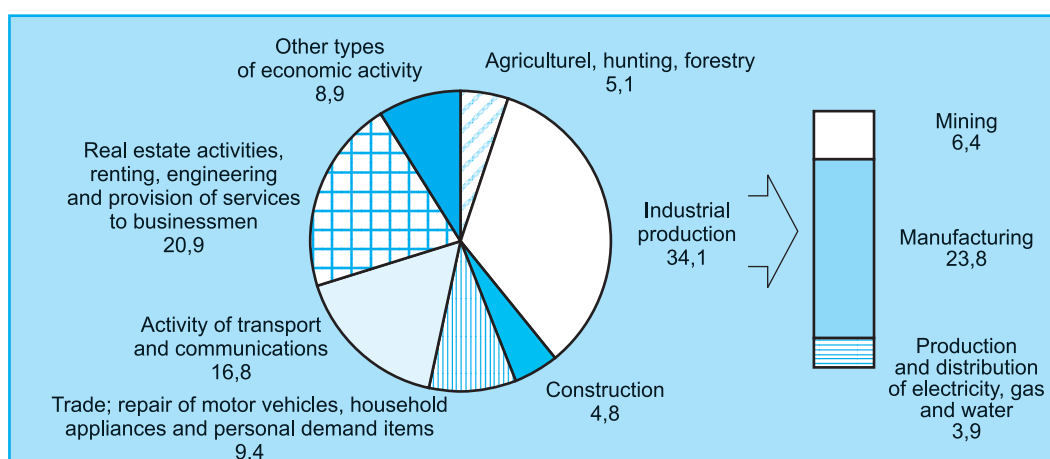
### 9.12. Indices for fixed capital investment, by industrial activity

(percent of the previous year)

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

### 9.13. Structure of fixed capital investment in 2007, by type of economic activity

(percent)



INVESTMENT AND CONSTRUCTION ACTIVITY

**9.14. Selected production capacities put into operation**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Power plants, thsd. kW <sup>1</sup>	282,5	2,6	11,7	36,6	32,1	39,4	5,2	345,5	1,4	152,0
Electric lines, km, with the voltage of										
35 kV and more	1939	372	138	50	420	274	96	131	118	394
6–20 kV	5645	678	447	272	254	143	189	191	139	162
0,4 kV	10270	2862	1123	753	880	946	800	1046	1002	1117
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
Main gas pipelines and branch pipes, km	207	425	355	209	414	356	403	403	302	186
Wells, units										
oil	41	22	48	58	50	46	35	42	30	47
gas	27	98	88	100	92	61	69	63	57	60
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
construction bricks, mln. conventional bricks	10	70	16	5	30	0,2	60	22	44	—
varnish and paint, thsd. t	—	40,0	4,0	1,3	4,6	4,2	16,0	6,1	0,5	25,7
granulated sugar <sup>2</sup> , thsd. centners of processed beets per day <sup>3</sup>	13,0	—	—	—	—	0,4	4,0	0,3	—	—
meat, t per shift <sup>3</sup>	19,0	56,8	31,1	22,8	25,5	9,2	0,4	20,4	36,0	13,7
whole milk products, t per shift <sup>3</sup>	334,2	218,6	37,1	31,0	70,0	11,4	—	7,1	16,4	13,4
cheese, t per shift <sup>3</sup>	1,7	0,6	5,0	2,5	40,1	0,5	0,5	1,2	20,3	5,3
vegetable oil, t processed oil seeds per day <sup>3</sup>	6,5	6,2	1072,7	83,0	106,5	3,5	442,9	503,4	21,9	75,1
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
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
rural	—	22,1	47,8	55,4	81,0	76,4	85,3	111,6	88,5	55,2
Public roads with hard coating, km	2532	455	194	134	77	73	133	101	100	159

<sup>1</sup> Since 2006, megawatt

<sup>2</sup> Since 2003, sugar and related products

<sup>3</sup> 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
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
pigs	128,5	21,6	5,3	12,2	3,5	4,9	10,5	10,0	10,4	7,0
sheep	28,0	3,4	0,7	—	0,4	—	—	—	—	1,0
Irrigated areas, thsd. ha	44,3	4,5	0,01	0,2	0,2	0,5	0,3	0,1	0,3	2,5
Drainage areas, thsd. ha	71,0	4,0	—	—	—	—	—	0,04	0,0	0,03
Granaries, capacity in thsd. t	486,6	197,9	73,1	42,8	53,2	46,0	60,2	53,2	52,6	27,7
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
Silage and hay installations, thsd. cub. m	1449,7	78,0	17,4	5,6	20,8	7,3	5,0	—	—	—
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

**9.16. Basic indicators for construction**

	2000	2001	2002	2003	2004	2005	2006	2007
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
Fixed construction assets (at current prices; end of year), mln. UAH	15462	16927	17312	18256	20421	24682	29278	35845 <sup>1</sup>
Construction enterprises	21716	23124	24456	26856	29917	32521	35875	41491
Cost efficiency of construction enterprises, percent	1,3	3,5	1,2	2,2	2,1	2,2	3,1	2,6
Share of loss-making construction enterprises, percent	40	37	38	36	34	34	32	32
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
Average monthly nominal wages of construction employees, UAH	230,17	300,55	356,46	443,85	582,16	751,19	958,01	1236,30

<sup>1</sup> Preliminary data

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.17. Indices for the performed construction operations, by region**

(percent)

	1990=100							To the previous year						
	2000	2002	2003	2004	2005	2006	2007	2000	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>11,5</b>	<b>11,2</b>	<b>14,1</b>	<b>16,6</b>	<b>15,5</b>	<b>17,0</b>	<b>19,6</b>	<b>100,4</b>	<b>94,2</b>	<b>126,5</b>	<b>117,2</b>	<b>93,4</b>	<b>109,9</b>	<b>115,6</b>
Autonomous Republic of Crimea	7,5	7,1	8,7	10,3	10,1	12,1	13,7	73,0	90,1	122,2	119,1	98,1	119,7	113,0
<b>oblasts</b>														
Vinnitsya	9,8	10,0	14,8	18,7	16,0	18,4	22,0	94,5	92,8	148,5	128,5	85,4	115,2	119,2
Volyn	6,2	6,7	9,2	9,6	9,8	12,2	13,4	102,6	103,7	137,4	108,3	102,4	123,8	110,1
Dnipropetrovsk	8,7	6,4	7,7	10,0	8,8	9,1	10,2	88,2	87,8	120,5	132,4	87,2	104,2	111,7
Donetsk	10,5	9,0	11,0	13,7	13,0	14,5	18,6	101,6	89,5	122,4	125,9	95,0	111,8	128,2
Zhytomyr	6,5	5,4	7,6	8,1	8,4	7,8	8,8	92,1	90,0	141,7	104,6	104,1	92,2	113,7
Zakarpattia	13,2	11,0	16,0	20,9	14,2	14,6	13,1	94,7	76,3	144,9	153,9	67,9	103,0	89,8
Zaporizhzhya	10,8	7,4	9,1	10,3	8,9	8,7	8,2	83,7	90,0	122,8	115,3	86,4	97,1	94,5
Ivano-Frankivsk	14,7	12,4	14,2	16,0	17,3	18,5	19,0	122,2	84,2	114,6	114,4	108,2	106,9	102,4
Kyiv	10,0	11,2	16,4	20,0	17,0	17,9	19,0	99,6	96,3	146,8	122,1	85,0	104,9	106,3
Kirovohrad	5,6	6,0	7,4	11,7	9,0	10,9	9,6	88,6	87,5	122,9	165,6	77,0	120,7	88,2
Luhansk	6,6	6,4	7,2	7,7	7,8	8,0	8,1	80,1	98,3	113,0	108,4	101,0	102,9	100,5
Lviv	15,7	14,3	18,3	19,9	15,8	19,6	22,0	113,9	81,7	128,0	108,6	79,3	123,8	112,3
Mykolayiv	8,5	10,4	13,2	13,9	13,0	14,4	13,8	96,3	108,4	127,3	104,5	93,7	110,5	96,1
Odesa	13,9	11,8	15,1	15,8	15,6	17,2	19,1	119,5	93,0	127,9	106,1	98,7	110,3	111,2
Poltava	17,6	13,2	14,9	15,5	14,9	14,7	15,6	86,9	89,3	113,5	104,4	96,2	98,7	105,8
Rivne	10,9	12,4	17,2	20,2	13,2	13,1	13,6	74,3	93,2	138,5	123,2	65,4	99,0	104,0
Sumy	11,1	10,4	10,4	11,3	11,5	11,8	15,0	116,2	92,6	100,3	112,0	101,7	102,2	127,4
Ternopil	8,5	10,6	15,0	18,4	19,9	20,9	22,3	106,2	125,3	142,0	118,3	108,4	104,6	106,7
Kharkiv	10,4	9,7	11,8	13,2	11,2	13,1	14,4	99,4	93,6	122,4	114,5	85,0	116,8	110,2
Kherson	4,8	4,4	6,4	7,4	6,1	6,6	7,6	80,1	103,8	146,5	123,6	82,0	108,3	114,4
Khmelnyskiy	7,3	8,3	10,7	12,6	9,6	11,2	13,5	85,0	104,2	129,1	117,8	76,3	116,6	120,2
Cherkasy	7,1	7,1	11,2	17,5	12,3	12,1	14,4	88,9	102,8	158,6	160,7	70,4	97,9	119,5
Chernivtsi	8,4	15,0	21,7	24,2	24,4	31,4	34,0	99,4	154,3	144,5	117,9	100,8	128,8	108,5
Chernihiv	11,3	11,1	15,2	15,5	13,8	14,7	20,4	114,9	90,3	136,9	103,4	89,3	106,5	138,4
<b>cities</b>														
Kyiv	27,0	32,5	40,7	45,8	48,3	53,6	67,5	127,4	99,3	125,4	113,1	105,5	110,9	125,9
Sevastopol	6,9	13,9	16,3	17,7	16,2	16,5	20,6	57,3	165,5	117,4	100,0	91,6	101,9	124,5

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
<b>Total</b>	<b>103,5</b>	<b>94,2</b>	<b>126,5</b>	<b>117,2</b>	<b>93,4</b>	<b>109,9</b>	<b>115,6</b>
including							
preparation of construction sites	94,9	95,9	114,4	103,2	90,8	108,6	103,4
construction of buildings and structures	105,2	93,8	128,8	118,7	94,3	111,1	115,9
installation of technical equipment for buildings and structures	100,4	98,8	122,9	118,3	88,8	100,7	119,6
operations on completion of construction	107,0	79,1	119,0	103,1	82,3	101,6	116,4
lease of construction equipment with operators	98,0	90,8	157,3	156,2	90,5	97,6	82,2

**9.19. Performed construction operations, by type of activity**

(percent)

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



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

INVESTMENT AND CONSTRUCTION ACTIVITY

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

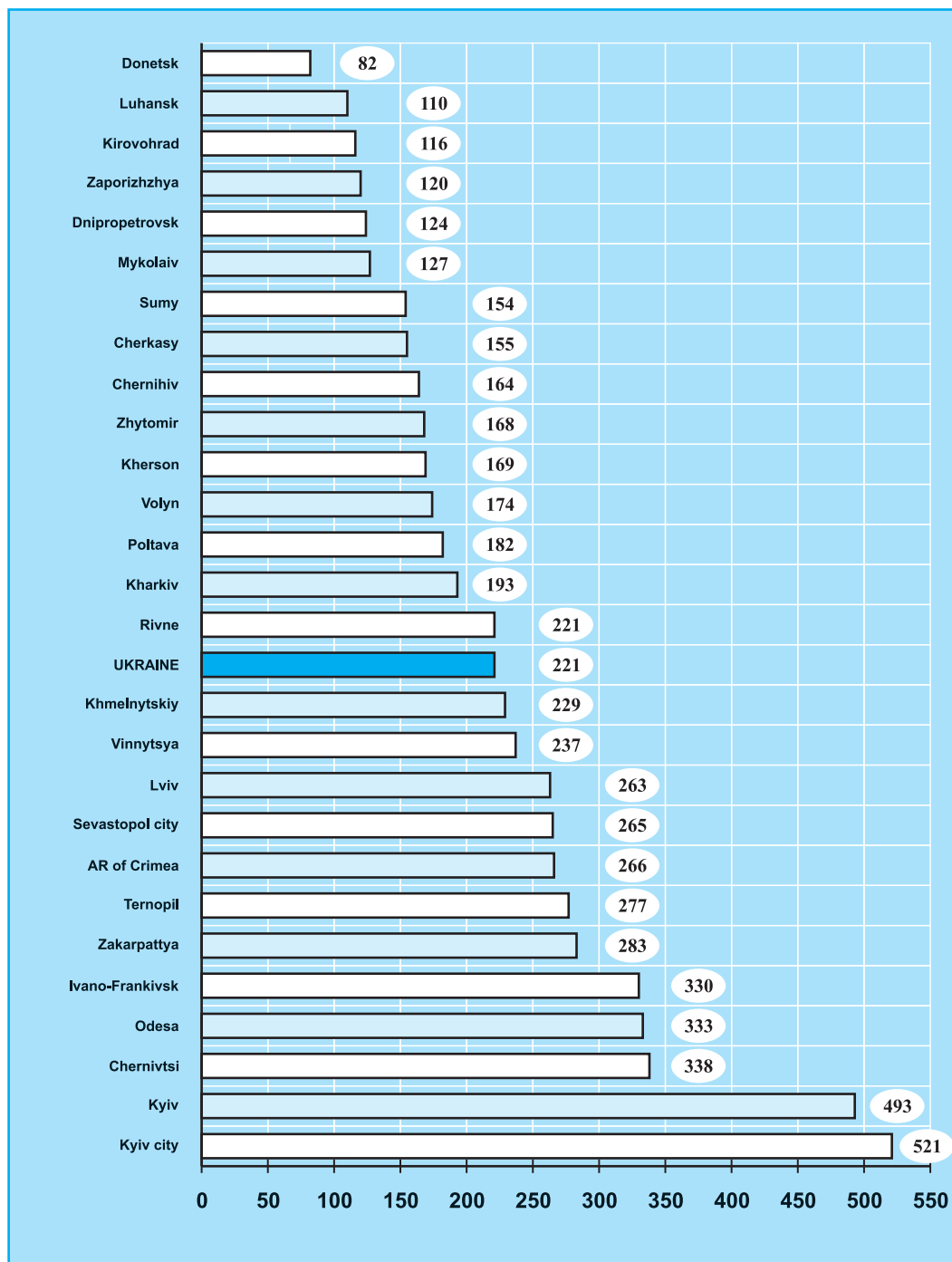
*(percent of the previous year)*

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

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

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

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

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

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



INVESTMENT AND CONSTRUCTION ACTIVITY

**9.28. Secondary educational institutions put into service, by region**

(admission number; thsd.)

	1990		1995		2000		2005		2007	
	total	including in rural areas	total	including in rural areas	total	including in rural areas	total	including in rural areas	total	including in rural areas
<b>Ukraine</b>	<b>163,9</b>	<b>60,8</b>	<b>54,2</b>	<b>17,7</b>	<b>15,4</b>	<b>8,6</b>	<b>10,6</b>	<b>5,2</b>	<b>11,7</b>	<b>4,9</b>
Autonomous Republic of Crimea	7,3	3,4	2,1	0,4	—	—	1,4	—	1,0	—
<b>oblasts</b>										
Vinnitsya	7,4	3,9	1,4	0,7	0,04	0,04	0,05	0,05	0,1	0,1
Volyn	4,8	2,7	2,3	2,3	0,1	0,1	0,5	0,2	0,2	0,2
Dnipropetrovsk	12,6	3,1	0,9	0,6	2,8	1,0	—	—	1,8	0,8
Donetsk	10,7	1,2	3,1	0,5	0,5	0,5	0,05	0,05	—	—
Zhytomyr	3,5	3,5	3,2	1,4	0,7	0,7	0,4	0,4	0,3	0,1
Zakarpattia	2,9	2,5	0,4	0,4	0,7	0,2	—	—	1,2	1,2
Zaporizhzhya	5,2	2,5	2,0	—	—	—	—	—	—	—
Ivano-Frankivsk	2,5	1,2	0,3	0,2	1,8	1,8	1,3	0,9	1,2	0,4
Kyiv	7,6	2,7	4,3	0,8	0,5	—	0,05	0,05	—	—
Kirovohrad	3,5	0,2	1,2	1,2	—	—	—	—	—	—
Luhansk	4,8	1,5	2,2	0,5	0,03	0,03	—	—	—	—
Lviv	5,5	2,9	4,1	1,7	1,6	1,5	1,0	0,8	0,9	0,4
Mykolayiv	3,8	2,4	0,7	—	0,4	—	—	—	0,3	—
Odesa	8,4	3,0	1,8	0,4	0,6	0,6	1,2	1,0	0,2	0,2
Poltava	7,6	3,9	2,9	0,8	1,3	0,1	—	—	—	—
Rivne	3,8	3,4	1,3	1,3	—	—	0,4	0,4	0,3	—
Sumy	6,0	2,4	1,0	0,1	0,1	0,1	0,3	—	—	—
Ternopil	5,1	1,4	0,5	0,5	0,1	0,1	—	—	0,1	0,1
Kharkiv	7,0	0,7	3,6	1,0	0,7	0,7	0,6	0,1	0,1	—
Kherson	5,5	2,6	1,7	0,4	0,4	—	—	—	—	—
Khmelnyskiy	5,7	2,7	1,9	0,6	1,3	0,9	2,1	0,8	0,3	—
Cherkasy	5,9	2,7	1,1	1,1	—	—	—	—	—	—
Chernivtsi	5,8	2,4	0,8	—	0,2	0,2	1,1	0,4	1,3	1,3
Chernihiv	7,1	1,9	1,5	0,8	0,3	0,1	—	—	0,1	0,1
<b>cities</b>										
Kyiv	12,6	—	7,9	—	1,3	—	0,2	—	2,3	—
Sevastopol	1,3	—	—	—	—	—	—	—	—	—

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.29. Higher educational and professional training institutions put into service**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Institutions of higher educational										
1 <sup>st</sup> and 2 <sup>nd</sup> 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	—
3 <sup>rd</sup> and 4 <sup>th</sup> 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
Professional training institutions, admission number, thsd.	2,6	1,2	—	0,05	—	0,0	—	—	—	—

**9.30. Hospital facilities put into service, by region**

(beds)

	1990		1995		2000		2005		2007	
	total	including in rural areas	total	including in rural areas	total	including in rural areas	total	including in rural areas	total	including in rural areas
<b>Ukraine</b>	<b>6355</b>	<b>781</b>	<b>2474</b>	<b>291</b>	<b>784</b>	<b>65</b>	<b>853</b>	<b>21</b>	<b>497</b>	<b>50</b>
Autonomous Republic of Crimea	240	—	—	—	—	—	—	—	—	—
<b>oblasts</b>										
Vinnitsya	25	—	170	50	—	—	—	—	—	—
Volyn	—	—	148	123	—	—	19	15	—	—
Dnipropetrovsk	480	—	808	8	—	—	—	—	30	—
Donetsk	462	50	50	—	72	—	6	6	58	—
Zhytomyr	290	50	75	—	75	—	—	—	—	—
Zakarpattia	—	—	60	—	—	—	—	—	—	—
Zaporizhzhya	162	24	102	—	—	—	201	—	—	—
Ivano-Frankivsk	465	75	30	—	32	—	179	—	50	50
Kyiv	740	40	575	75	—	—	—	—	—	—
Kirovohrad	9	9	—	—	—	—	—	—	50	—
Luhansk	260	—	120	—	—	—	40	—	—	—
Lviv	302	—	—	—	—	—	40	—	100	—
Mykolayiv	150	—	10	10	—	—	40	—	23	—
Odesa	465	25	—	—	30	—	148	—	60	—
Poltava	265	25	85	25	—	—	—	—	—	—
Rivne	167	25	—	—	82	—	39	—	76	—
Sumy	110	50	—	—	—	—	38	—	—	—
Ternopil	38	38	—	—	80	—	—	—	—	—
Kharkiv	—	—	—	—	130	—	—	—	—	—
Kherson	150	70	30	—	—	—	—	—	50	—
Khmelnyskiy	90	40	—	—	68	65	—	—	—	—
Cherkasy	714	150	—	—	—	—	—	—	—	—
Chernivtsi	110	60	—	—	—	—	73	—	—	—
Chernihiv	211	50	211	—	52	—	30	—	—	—
<b>city</b>										
Kyiv	450	—	—	—	163	—	—	—	—	—

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.31. Clinics put into service, by region**

(visits per shift)

	1990		1995		2000		2005		2007	
	total	including in rural areas	total	including in rural areas	total	including in rural areas	total	including in rural areas	total	including in rural areas
<b>Ukraine</b>	<b>20412</b>	<b>6376</b>	<b>9879</b>	<b>1960</b>	<b>2283</b>	<b>800</b>	<b>4012</b>	<b>317</b>	<b>2533</b>	<b>277</b>
Autonomous Republic of Crimea	590	290	236	—	—	—	—	—	—	—
<b>oblasts</b>										
Vinnnytsya	215	215	145	130	—	—	—	—	25	15
Volyn	650	170	625	165	13	—	124	124	108	—
Dnipropetrovsk	1055	70	550	180	500	500	—	—	303	—
Donetsk	2020	210	885	110	—	—	140	—	120	—
Zhytomyr	860	360	378	50	450	30	—	—	42	30
Zakarpattia	115	15	650	50	—	—	—	—	—	—
Zaporizhzhya	785	35	485	10	—	—	—	—	—	—
Ivano-Frankivsk	574	349	50	50	30	30	10	—	142	—
Kyiv	1170	250	240	240	—	—	1580	—	—	—
Kirovohrad	260	75	20	20	25	25	—	—	35	—
Luhansk	210	210	30	30	—	—	60	—	—	—
Lviv	680	280	2200	—	—	—	430	30	177	27
Mykolayiv	308	208	375	—	—	—	40	—	76	—
Odesa	2921	100	40	40	—	—	36	20	50	—
Poltava	425	50	500	50	20	—	640	—	60	—
Rivne	1995	1240	110	110	75	75	215	15	63	15
Sumy	665	365	15	15	—	—	—	—	15	—
Ternopil	190	190	75	75	—	—	—	—	325	15
Kharkiv	125	125	—	—	—	—	220	—	—	—
Kherson	1490	235	95	95	—	—	100	50	213	—
Khmelnyskiy	1004	629	610	230	22	—	125	33	5	—
Cherkasy	575	575	90	90	—	—	45	45	45	—
Chernivtsi	590	70	230	30	128	120	—	—	199	175
Chernihiv	210	60	765	190	20	20	17	—	—	—
<b>cities</b>										
Kyiv	730	—	480	—	1000	—	210	—	500	—
Sevastopol	—	—	—	—	—	—	20	—	30	—

INVESTMENT AND CONSTRUCTION ACTIVITY

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Children's hospitals, beds	104	25	—	—	—	—	106	222	230	—
Children's outpatient clinics, visits per shift	1710	—	—	—	—	—	320	60	—	100
Maternity hospitals, beds	312	—	30	—	—	22	39	—	17	25
Antenatal clinics, visits per shift	800	236	—	874	150	10	285	30	—	—
Sanatoria, beds	2120	499	717	719	555	912	435	286	426	404
Recreation centres and rest homes, admission number	380	416	505	319	176	753	1086	1059	1575	756
Homes for the aged and disabled, admission number	1019	258	94	—	—	44	266	168	430	32
Stadiums, seats	5700	6400	4606	35490	7029	900	—	150	1687	20990
Gyms, sq. m	14177	4516	1611	—	2986	12620	12481	6258	25415	16174
Swimming pools, sq. m of water surface	2773	485	—	275	400	796	975	3033	1903	2902
Sports grounds, sq. m	3125	10100	3140	—	13050	756	53874	8189	16562	5030
Sports clubs, units	10	9	7	2	3	5	10	11	7	7

## 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 1940–2007, by type of carrier**

(mln. t)

	By type of transport			
	railway <sup>1</sup>	automobile <sup>2</sup>	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

<sup>1</sup> Prior to 1995, dispatched cargo; since 2000, cargo transportation

<sup>2</sup> 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
<b>Transport</b>	<b>6286</b>	<b>2456</b>	<b>1529</b>	<b>1579</b>	<b>1558</b>	<b>1654</b>	<b>1731</b>	<b>1805</b>	<b>1873</b>	<b>1990</b>
land	6167	2422	1514	1564	1541	1635	1710	1784	1850	1965,4
railway <sup>1</sup>	974	360	357	370	393	445	462	450	479	514
automobile <sup>1</sup>	4897	1816	939	977	947	973	1027	1121	1167	1255
pipeline	296	246	218	216,4	201	217	221	213	204	196
water	119	34	15	15	16,4	19	21	21	23	24
sea	53	21	6,3	8	8,8	9	9	8	9	9
river	66	13	8,3	7	7,6	10	12	13	14	15
air	0,2	0,0	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1

<sup>1</sup> 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
<b>Transport</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
land	98	98	99	99	99	99	99	99	99	99
railway <sup>1</sup>	15	14	23	23	25	27	27	25	26	26
automobile <sup>1</sup>	78	74	61	62	61	59	59	62	62	63
pipeline	5	10	15	14	13	13	13	12	11	10
water	2	2	1	1	1	1	1	1	1	1
sea	1	1	0	1	1	0	0	0	0	0
river	1	1	1	0	0	1	1	1	1	1
air	0	0	0	0	0	0	0	0	0	0

<sup>1</sup> 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	1995	2000	2003	2004	2005	2006	2007
<b>Transport</b>	<b>39</b>	<b>24</b>	<b>26</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>32</b>	<b>96</b>	<b>99,5</b>	<b>106</b>	<b>105</b>	<b>104</b>	<b>104</b>	<b>106</b>
land	39	25	27	28	29	30	32	96	99,4	106	105	104	104	106
railway <sup>1</sup>	37	37	46	47	46	49	53	88	107	113	104	97	106	107,4
automobile <sup>1</sup>	37	19	20	21	23	24	26	97	98	103	106	109	104	108
pipeline	83	74	73	75	72	69	66	101	94	108	102	96	96	96
water	28	12	16	17	18	19	20	74	100,6	115	110	104	107	106
sea	39	12	17	17	16	16	17	81	98	101	99	98	101	105
river	20	13	15	18	20	22	23	65	103	131	119	109	111	106
air	11	14	89	60	74	59	62	120	206	164	68	125	78	105

<sup>1</sup> See the relevant footnotes to Table 10.1

TRANSPORT AND COMMUNICATIONS

**10.5. Freight traffic in 1940–2007, by type of carrier**

(bln. tkm)

	Total	By type of carrier					
		railway	automobile <sup>1</sup>	sea	river	pipeline <sup>2</sup>	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

<sup>1</sup> See the second footnote to Table 10.1

<sup>2</sup> 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
<b>Transport</b>	<b>1039,3</b>	<b>544,0</b>	<b>394,1</b>	<b>394,0</b>	<b>411,3</b>	<b>457,5</b>	<b>480,1</b>	<b>473,6</b>	<b>494,6</b>	<b>510,2</b>
land	761,7	415,2	379,6	380,2	397,9	442,4	464,9	457,4	475,9	491,2
railway	474,0	195,8	172,8	177,5	193,1	225,3	234,0	224,0	240,8	262,5
automobile <sup>1</sup>	79,7	34,5	19,3	18,5	20,6	24,4	28,8	35,3	40,6	46,6
pipeline	208,0	184,9	187,5	184,2	184,2	192,7	202,1	198,1	194,5	182,1
water	277,5	128,8	14,5	13,8	13,0	14,6	14,9	15,9	18,4	18,6
sea	265,6	123,1	8,6	10,1	8,8	9,9	9,3	9,6	12,1	12,9
river	11,9	5,7	5,9	3,7	4,2	4,7	5,6	6,3	6,3	5,7
air	0,1	0,0	0,0	0,0	0,4	0,5	0,3	0,3	0,3	0,4

<sup>1</sup> 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
<b>Transport</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
land	74	76	97	97	97	97	97	97	96	96
railway	46	36	44	45	47	49	49	47	49	51
automobile <sup>1</sup>	8	6	5	5	5	6	6	7	8	9
pipeline	20	34	48	47	45	42	42	42	39	36
water	26	24	3	3	3	3	3	3	4	4
sea	25	23	2	2	2	2	2	2	2,4	3
river	1	1	1	1	1	1	1	1	1,3	1
air	0	0	0	0	0,1	0,1	0,1	0,1	0,1	0,1

<sup>1</sup> 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
<b>Total shipment<sup>1</sup></b>	<b>974</b>	<b>360</b>	<b>357</b>	<b>370</b>	<b>393</b>	<b>445</b>	<b>462</b>	<b>450</b>	<b>479</b>	<b>514</b>
coal	217	102	98	106	112	120	127	120	124	126
coke	19	8	11	11	11	13	14	11	11	13
oil and oil products	52	20	27	28	33	43	33	27	25	28
ferrous metals	70	24	45	43	43	46	50	49	54	57
timber	5	3	3	3	4	4	5	5	5	5
bread	36	16	6	8	13	13	10	13	11	11
ore	116	50	65	67	68	74	78	80	87	93
cement	19	6	4	5	5	7	8	9	11	11
chemical and mineral fertilisers	16	5	10	10	9	11	11	12	13	16
other freight	424	126	88	89	95	114	126	124	138	154

<sup>1</sup> See the first footnote to Table 10.1

**10.9. Freight shipped, by river carrier**

(thsd. t)

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

<sup>1</sup> Data are based on the *Ukrainian Classification of Commodities in Foreign Trade*

<sup>2</sup> Energy resources, oil and oil distillation products, bituminous rock, mineral wax

<sup>3</sup> Ores, slag, ashes

<sup>4</sup> Salt, sulfur, lands and stones, plastering materials, lime and cement

<sup>5</sup> Sugar and sugar confectionary

TRANSPORT AND COMMUNICATIONS

**10.10. Freight shipped, by marine carrier**

(thsd. t)

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

<sup>1</sup> See the first footnote to Table 10.9

<sup>2</sup> Freight shipment by coastal routes

<sup>3</sup> See the second footnote to Table 10.9

<sup>4</sup> See the third footnote to Table 10.9

<sup>5</sup> See the fourth footnote to Table 10.9

**10.11. Freight handling in sea and river ports (goods and fish)<sup>1</sup>**

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

<sup>1</sup> Since 2000, including shipment through sea wharves of industrial enterprises

TRANSPORT AND COMMUNICATIONS

**10.12. Freight handling in sea and river ports (goods and fish)<sup>1</sup> in 2007, by type**

(thsd. t)

	Total shipment	Including			
		exports	imports	transit	internal
<b>Total shipment</b>	<b>176472,4</b>	<b>66519,3</b>	<b>19729,8</b>	<b>69346,8</b>	<b>20876,5</b>
<b>Bulked cargo</b>	<b>37894,4</b>	<b>7033,0</b>	<b>1565,5</b>	<b>29117,3</b>	<b>178,6</b>
oil	20723,8	21,7	467,1	20235,0	—
oil products	9690,5	3580,4	641,4	5290,1	178,6
vegetable oil	1929,2	1368,7	418,3	142,2	—
chemical	4168,2	1429,9	38,7	2699,6	—
other shipment	1382,7	632,3	—	750,4	—
<b>Loose goods</b>	<b>91171,9</b>	<b>28373,8</b>	<b>10196,8</b>	<b>32918,9</b>	<b>19682,4</b>
coal	16082,4	3035,2	808,0	12217,9	21,3
coke	536,5	422,5	64,3	42,3	7,4
all kind of ores	21415,9	7393,2	8346,6	4878,4	797,7
construction	24110,8	5199,3	214,8	101,9	18594,8
cement	29,7	1,0	11,3	—	17,4
chemical and mineral fertilizers	13985,5	4928,7	571,9	8297,1	187,8
sugar	978,5	1,1	—	977,4	—
bread	10482,7	6133,7	8,5	4310,0	30,5
including grain	9802,7	5477,1	8,5	4294,5	22,6
other	3549,9	1259,1	171,4	2093,9	25,5
<b>Freight and parcel</b>	<b>34958,5</b>	<b>27235,3</b>	<b>1914,7</b>	<b>4793,1</b>	<b>1015,4</b>
cars, truck cranes	208,7	16,8	105,8	85,3	0,8
wood	1372,0	1368,6	—	3,4	—
ferrous metals	29651,0	24757,8	94,0	3865,4	933,8
nonferrous metals	129,0	128,9	—	0,1	—
paper	11,0	—	1,1	9,9	—
cotton, flax and other fibrous cargo	25,2	—	23,6	1,3	0,3
chemical and mineral fertilizers	568,2	156,9	7,6	403,7	—
cement	47,8	0,8	38,8	8,2	—
manufactured goods in boxes and bales	165,1	13,0	133,8	14,0	4,3
oil products in packages	1,0	0,9	—	—	0,1
foodstuffs	1044,7	53,4	887,8	71,0	32,5
including					
flour	9,8	9,8	—	—	—
grain	10,9	—	10,5	0,4	—
meat without packing	42,8	—	42,8	—	—
canned goods, all sorts	27,0	—	6,1	6,1	14,8
fish	117,9	—	100,2	—	17,7
vegetables and fruit	666,6	0,2	630,5	35,9	—
other	169,7	43,4	97,7	28,6	—
other assorted lading	1734,8	738,2	622,2	330,8	43,6
<b>In containers (gross)</b>	<b>7785,0</b>	<b>1712,2</b>	<b>5614,2</b>	<b>458,5</b>	<b>0,1</b>
Other	4662,6	2165,0	438,6	2059,0	—

<sup>1</sup> See the footnote to Table 10.11

TRANSPORT AND COMMUNICATIONS

**10.13. Freight shipped by motor vehicles, by region<sup>1</sup>**

(mln. t)

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

<sup>1</sup> See the second footnote to Table 10.1

<sup>2</sup> Including Sevastopol city

TRANSPORT AND COMMUNICATIONS

**10.14. Freight traffic of motor vehicles, by region<sup>1</sup>**

(mln. tkm)

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

<sup>1</sup> See the second footnote to Table 10.1

<sup>2</sup> Including Sevastopol city

**10.15. Freight transported, by pipeline**

(mln. t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total shipment</b>	<b>296</b>	<b>246</b>	<b>218</b>	<b>216,4</b>	<b>201</b>	<b>217</b>	<b>221</b>	<b>213</b>	<b>204</b>	<b>196</b>
Gas	182	174	150	148,2	151	158	164	164	156	142,5
Oil and oil products	114	68	66	66,2	48	57	55	47	45	51
Ammonium	...	4	2	2	2	2	2	2	3	2,5

TRANSPORT AND COMMUNICATIONS

**10.16. Total passengers transported in 1940–2007, by type of transport**

(mln.)

	By type of transport							
	railway	automobile (buses) <sup>1</sup>	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

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

<sup>1</sup> See the footnote to Table 10.16

In 2007, automobile transportation of passengers by small businesses amounted to 2,1 bln. passengers.

TRANSPORT AND COMMUNICATIONS

**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	1995	2000	2003	2004	2005	2006	2007
<b>Transport</b>	<b>46</b>	<b>52</b>	<b>51</b>	<b>53</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>77</b>	<b>98</b>	<b>100</b>	<b>104</b>	<b>103</b>	<b>100,5</b>	<b>99,7</b>
land	46	52	52	54	55	55	55	77	98	100	104	103	100,5	99,7
railway	86	75	71	68	67	67	67	92	102	103	95	99	101	99,7
automobile (buses) <sup>1</sup>	42	31	40	45	46	48	50	86	102	107	113	103	104	105
trams	41	69	56	55	55	54	51	62	95	95	98	99,9	97,5	95
trolley-buses	42	80	59	57	59	55	50	63	94	90	96	103	94	91
subway	83	111	129	125	131	135	137	82	104	105	97	105	103,5	101,5
water	25	13	20	26	30	54	21	66	111	120	130	115	95	74
sea	30	14	26	37	43	42	29	75	122	128	140	117	96	70,5
river	19	11	11	11	12	11	10	52	95	99,2	98	105	90	92
air	13	8	16	22	26	29	33	114	107	134	136	118	114	113

<sup>1</sup> See the footnote to Table 10.16

**10.19. Passengers traffic in 1940–2007, by type of transport  
(excluding urban electric transport)**

(bln. passenger.km)

	Total	By type of transport				
		railway	automobile (buses) <sup>1</sup>	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

<sup>1</sup> See the footnote to Table 10.16

TRANSPORT AND COMMUNICATIONS

**10.20. Passengers traffic of general use transport**

(bln. passenger.km)

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

<sup>1</sup> See the footnote to Table 10.16

In 2007, 23 cities had tram lines, 47 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
<b>Intercity transportation</b>	<b>461</b>	<b>215</b>	<b>154</b>	<b>174</b>	<b>169</b>	<b>178</b>	<b>205</b>	<b>226</b>	<b>227</b>	<b>235</b>
railway (long distance)	95	68	45	44	44	49	54	60	62	60
sea (including commuter)	26	8	4	5	5	7	10	11	11	8
river	4	0	0	0	0	0	0	0	0	0
air	15	2	1	1	2	2	3	4	4	5
automobile (buses) <sup>1</sup>	311	131	97	116	111	114	132	144	145	157
trolley-buses	10	6	7	8	7	6	6	7	5	5
<b>Intracity transportation</b>	<b>11304</b>	<b>4924</b>	<b>6452</b>	<b>6397</b>	<b>6428</b>	<b>6414</b>	<b>6651</b>	<b>6860</b>	<b>6889</b>	<b>6859</b>
river	3	1	0	0	0	0	0	0	0	0
automobile (buses) <sup>1</sup>	5394	2187	1742	1946	2267	2494	2848	2966	3105	3285
trolley-buses	3222	1353	2575	2324	2134	1915	1843	1896	1783	1616
trams	2007	822	1381	1334	1196	1132	1112	1111	1083	1027
subway	678	561	754	793	831	873	848	887	918	931
<b>Commuter transportation</b>	<b>3212</b>	<b>1677</b>	<b>1174</b>	<b>1086</b>	<b>1114</b>	<b>1119</b>	<b>1141</b>	<b>1114</b>	<b>1126</b>	<b>1120</b>
railway	574	509	454	424	421	428	399	385	386	387
river	12	3	2	2	2	2	2	2	2	2
automobile (buses) <sup>1</sup>	2626	1165	718	660	691	689	740	727	738	731

<sup>1</sup> See the footnote to Table 10.16



TRANSPORT AND COMMUNICATIONS

**10.22. Rolling stock, by mode of transport and purpose**

(end of year; units)

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

<sup>1</sup> 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

<sup>2</sup> 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 motor vehicle 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

<sup>3</sup> 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

<sup>4</sup> In 2000–2005, vessels of enterprises functioning in all economic industries. Since 2001, vessels not fit for service. Data on the availability of river and sea transport for 2006–2007 – data for 2005 (survey once in every three years)

<sup>5</sup> According to data from the Department of Air Transport of Ukraine, the Ministry of Transport and Communications of Ukraine

<sup>6</sup> According to data from the State Service of Ukraine on Monitoring Air Transportation Safety

TRANSPORT AND COMMUNICATIONS

**10.23. Private cars, by region**

(thsd.)

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

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

TRANSPORT AND COMMUNICATIONS

**ROADS**

**10.24. Length of transportation network in 1940–2007**

(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 <sup>1</sup>	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

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

## TRANSPORT AND COMMUNICATIONS

### 10.25. Length of transportation network

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
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
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
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
including with hard coating	157,2	163,3	163,8	164,1	164,2	164,6	164,8	165,0	165,2	165,6
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
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
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

At the beginning of 2008, the length of public pipelines equalled 44,7 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
Operational length of public railroads	38	38	37	37	37	37	36	36	36	36
Operational length of public navigable river routes	7	6	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

In 2007, 74 km of public pipelines accounted for 1 thsd. sq. km of territory.

TRANSPORT AND COMMUNICATIONS

**10.27. Introduction of modern types of transportation network**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
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
as a percentage of total length	36	38	41	42	42	42	43	43	44	44
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
as a percentage of total length	64	62	59	58	58	58	57	57	56	56
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
as a percentage of total length	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
as a percentage of total length	90	46	21	34	32	32	51	52	53	52
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
as a percentage of total length	70	32	18	30	28	28	47	49	50	49
Length of automated river wharves										
km <sup>1</sup>	10,9	11,6	19,1	20,3	18,9	19,0	17,9	17,7	17,7 <sup>2</sup>	17,7 <sup>2</sup>
as a percentage of total lengths of wharves	71	64	70	70	69	71	68	69	69	69
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
as a percentage of total roads with hard coating	31	33	35	35	35	36	36	36	36	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
as a percentage of total roads with hard coating	42	44	43	43	43	43	43	43	43	43

<sup>1</sup> Since 2000, including wharves of industrial enterprises

<sup>2</sup> For 2005

TRANSPORT AND COMMUNICATIONS

**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
Public railroads	20,8	8,6	7,8	8,0	8,7	10,2	10,6	10,2	11,0	12,0
Public river navigation routes	3,0	1,6	2,4	1,6	1,8	2,1	2,5	2,9	2,9	2,6

**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
Public railroads	3,34	2,80	2,32	2,24	2,29	2,38	2,35	2,40	2,43	2,43
Public river navigation routes	0,15	0,02	0,01	0,02	0,02	0,03	0,03	0,02	0,03	0,03
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
Trolley-bus tracks	5,2	2,1	3,9	3,5	3,2	2,6	2,4	2,5	2,4	2,1
Tram track rails	6,1	2,5	4,2	4,1	3,7	3,2	3,2	3,1	3,1	2,9
Subway track rails	23,6	14,4	18,3	22,6	23,6	24,0	22,5	23,1	24,0	25,3

In 2007, 385,1 thsd. of flights were conducted in Ukraine's air territory, including 292,3 thsd. of flights by foreign aeroplanes and helicopters, of which 54,5 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
Railway <sup>1</sup>	486	543	484	479	492	506	506	497	503	511
Sea	4989	5921	1362	1222	1007	1119	1058	1120	1393	1413
River	181	442	706	534	550	473	473	491	441	375
Automobile	16	19	21	19	22	25	28	31	35	37
Pipeline	703	753	859	851	915	889	915	932	955	929

<sup>1</sup> The 1990 and 1995 data show average distance for dispatching of 1 t of cargo; the 2000–2007 data show average distance for transporting of 1 t of cargo

TRANSPORT AND COMMUNICATIONS

**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
Railway	124	110	104	106	109	110	112	118	119	119
Sea	43	62	15	5	7	7	6	6	8	13
River	31	21	12	26	23	26	26	24	30	30
Air	1083	1723	1489	1416	1392	1613	1687	1608	1900	1896
Automobile (buses)	11	10	11	11	12	12	13	14	14	13
Trolley-buses	7	7	7	7	7	6	6	6	6	6
Trams	7	7	7	7	7	6	6	6	6	6
Subway	7	7	7	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
Traffic accidents, thsd.	...	...	...	...	...	...	...	...	195,6	278,8
including those with victims	50,9	43,2	33,3	34,5	34,5	42,4	45,6	46,5	49,5	63,6
of which fatality accidents	8,7	6,8	4,7	5,4	5,4	6,4	6,2	6,4	6,6	8,4
Accident victims, thsd. persons	63,1	54,4	41,8	44,2	43,9	54,6	60,6	63,2	67,6	88,1
killed	9,6	7,5	5,2	6,0	6,0	7,1	7,0	7,2	7,6	9,6
injured	53,5	46,9	36,6	38,2	37,9	47,5	53,6	56,0	60,0	78,5
Traffic accidents in cities, towns and villages <sup>1</sup> , thsd.	37,0	31,2	25,3	25,5	24,6	31,5	32,2	33,1	168,3	195,6
of which										
killed, thsd. persons	...	4,3	3,0	3,4	3,1	3,9	3,6	3,6	3,8	4,8
injured, thsd. persons	...	32,9	27,3	27,5	26,6	34,3	36,6	38,3	43,3	56,6

<sup>1</sup> 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 2007 the number of traffic accidents caused by drunk people totalled 6,4 thsd., as a result 919 people were killed (9,6 % of all people killed) and 8,0 thsd. injured (10,2 % of all people injured).

TRANSPORT AND COMMUNICATIONS

**10.33. Persons killed and injured due to road accidents**

(persons)

	1995		2000		2005		2006		2007	
	killed	injured	killed	injured	killed	injured	killed	injured	killed	injured
<b>All victims</b>	<b>7530</b>	<b>46943</b>	<b>5185</b>	<b>36636</b>	<b>7229</b>	<b>55999</b>	<b>7592</b>	<b>60018</b>	<b>9574</b>	<b>78528</b>
pedestrians	3117	17167	2324	14208	3063	17184	2976	17217	3594	19948
bicyclists	634	3195	499	2819	544	3205	527	3189	666	4180
drivers and passengers										
motorbikes	40	430	27	243	41	564	92	1485	154	2102
motorcycles	970	5852	455	2982	285	2054	461	4336	502	3200
motor cars	2348	18014	1619	14514	2280	24731	2592	25621	2844	30335
intercity and intracity										
buses, trams and trolley										
buses	64	729	31	545	294	3204	298	3008	99	1640
trucks	180	1051	165	965	546	4309	508	4440	423	2942
other power-driven										
carriers	152	348	61	208	139	542	120	552	1259	13833
horse-driven carriers										
and riders	25	157	4	52	37	206	18	170	33	348

**COMMUNICATIONS**

**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
	KRB mln.	KRB bln.	UAH mln.							
<b>Total</b>	<b>1935</b>	<b>135399</b>	<b>6861</b>	<b>8754</b>	<b>10720</b>	<b>14663</b>	<b>21124</b>	<b>27411</b>	<b>33503</b>	<b>39966</b>
by type of communication										
post	613	22462	519	552	696	733	949	1340	1307	1574
telegraph	144	3001	40	38	35	39	73	60	57	57
telephone urban and rural	317	41886	1746	1949	2265	2687	2780	2778	3179	3862
intercity (including international)	649	56632	2824	3566	4185	4637	6033	6624	6184	5879
courier activity	...	...	...	...	...	...	...	...	178	237
wire radio broadcasting	93	4585	66	59	56	52	50	48	81	110
special and communication service	42	988	23	52	60	109	152	194	64	94
TV and radio broadcasting	71	5097	160	202	254	354	531	673	854	1102
state inspection of electric communication	6	748	32	42	54	80	103	158	219	288
satellite	...	...	25	18	19	34	35	51	68	70
computer	...	...	151	219	360	643	935	1009	1256	1632
mobile	...	...	1275	2057	2736	5295	9483	14476	20056	25061
of which										
cellular	...	...	1231	2022	2705	5267	9456	14453	20035	25028
pager	...	...	34	26	20	17	12	8	6	5
trunk	...	...	10	9	11	11	15	15	15	21

In 2007 within the total amounts of services related to mail communications, EMS, international express mail, made up 1,1 %. Services of cable TV broadcasting amounted to 741 mln. UAH. Revenue to the tune of 1,4 bln. UAH was received from providing services to access the Internet.



TRANSPORT AND COMMUNICATIONS

**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
	KRB mln.	KRB bln.	UAH mln.							
<b>Total</b>	<b>778</b>	<b>39031</b>	<b>3115</b>	<b>4034</b>	<b>4508</b>	<b>6077</b>	<b>8351</b>	<b>10980</b>	<b>13316</b>	<b>16126</b>
by type of communication										
post	...	3694	150	184	218	231	261	325	302	296
telegraph	...	1086	22	22	20	19	18	16	17	17
telephone urban and rural	...	11157	1072	1134	1327	1560	1551	1661	1947	2332
intercity (including international)	...	20729	1209	1436	1469	1785	2455	2909	2730	2461
courier activity	...	...	...	...	...	...	...	...	3	5
wire radio broadcasting	...	2365	43	39	37	35	33	32	64	90
special and communication service	...	—	0	0	0	2	2	3	0	—
TV and radio broadcasting	...	—	68	98	128	190	299	406	533	726
state inspection of electric communication	...	—	1	1	2	2	2	1	1	1
satellite	...	...	—	0	—	0	0	0	0	0
computer	...	...	17	22	31	49	84	144	251	472
mobile	...	...	533	1098	1276	2204	3646	5483	7468	9726
of which										
cellular	...	...	524	1090	1272	2202	3645	5482	7467	9725
pager	...	...	8	7	3	1	0	0	0	0
trunk	...	...	1	1	1	1	1	1	1	1

In 2007 within the total amount of services of mail communications rendered to the population, EMS, international express mail, made up 2,0 %. The services of the cable TV provided to the population amounted to 721 mln. UAH. The population made use of services related to the access to the Internet to the tune of 468 mln. UAH.

**10.36. Services rendered by public post and communications enterprises**

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

TRANSPORT AND COMMUNICATIONS

**10.37. Public telephone communications**

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

**10.38. Availability of public telephones to the population**

(units)

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

<sup>1</sup> Including departmental

<sup>2</sup> Since 2000, including international and universal

TRANSPORT AND COMMUNICATIONS

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

(thsd.)

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

<sup>1</sup> Including Sevastopol city

At the beginning of 2008 there were 55,2 mln. users of cellular communications services.

TRANSPORT AND COMMUNICATIONS

**10.40. Private telephones, by region**

(thsd.)

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

<sup>1</sup> See the footnote to Table 10.39

TRANSPORT AND COMMUNICATIONS

**10.41. Inter-city public telephones, by region**

(units)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine<sup>1</sup></b>	<b>18281</b>	<b>13291</b>	<b>21404</b>	<b>34042</b>	<b>45869</b>	<b>48697</b>	<b>51951</b>	<b>57818</b>	<b>55950</b>	<b>47282</b>
Autonomous Republic of Crimea	1923 <sup>2</sup>	1600	2754	3352	4200	4251	4577	4575	3712	3051
<b>oblasts</b>										
Vinnitsya	580	469	594	1014	1353	1394	1599	1890	1706	1363
Volyn	285	130	434	656	914	908	918	927	812	707
Dnipropetrovsk	1332	1365	1442	2495	3090	3177	3372	4899	4501	3878
Donetsk	1338	1105	1496	2232	3070	3415	4044	5619	5574	4597
Zhytomyr	557	390	544	734	907	971	1073	1203	1187	1154
Zakarpattia	297	73	296	564	762	749	790	777	691	614
Zaporizhzhya	1113	910	1138	1729	2890	3093	3470	3663	4036	2834
Ivano-Frankivsk	355	184	355	885	932	969	977	993	937	856
Kyiv	703	442	746	991	1077	1135	1193	1313	1300	1170
Kirovohrad	357	163	311	614	738	780	840	1034	942	812
Luhansk	830	637	863	1387	1914	1989	2321	2294	2008	1832
Lviv	931	453	1141	1589	2191	2461	2972	3151	2664	2338
Mykolayiv	410	269	378	628	802	808	1043	1736	1513	1429
Odesa	1046	1027	2236	2667	3196	4180	3638	3514	3565	2996
Poltava	614	470	440	591	871	939	946	1121	1251	980
Rivne	276	117	307	500	613	610	608	776	784	702
Sumy	483	378	453	728	851	903	912	1029	1008	811
Ternopil	370	245	378	638	1089	1074	1071	1066	915	761
Kharkiv	914	816	928	2085	2854	2895	2908	3136	4532	3869
Kherson	459	388	521	962	1389	1547	1815	2002	1759	1623
Khmelnyskiy	421	192	434	705	1464	1455	1447	1441	1443	1169
Cherkasy	411	257	464	664	771	804	928	1056	970	877
Chernivtsi	270	25	370	613	940	819	956	980	940	803
Chernihiv	493	253	399	687	1048	965	1061	1038	965	844
<b>cities</b>										
Kyiv	1513	821	1584	3758	5155	5400	5311	5279	5037	4084
Sevastopol	...	112	398	574	788	1006	1161	1306	1198	1128

<sup>1</sup> See the second footnote to Table 10.38

<sup>2</sup> See the footnote to Table 10.39

TRANSPORT AND COMMUNICATIONS

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

<sup>1</sup> See the first footnote to Table 10.38

TRANSPORT AND COMMUNICATIONS

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

(thsd. numbers)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>295,8</b>	<b>279,3</b>	<b>241,1</b>	<b>321,1</b>	<b>506,6</b>	<b>712,3</b>	<b>783,5</b>	<b>727,8</b>	<b>516,1</b>	<b>422,1</b>
Autonomous Republic of Crimea	8,7	29,3	6,6	8,0	17,3	18,1	18,7	16,3	11,9	11,0
<b>oblasts</b>										
Vinnitsya	12,2	8,2	1,2	3,8	4,9	10,1	34,3	15,5	25,0	17,1
Volyn	6,0	3,1	1,8	3,8	14,3	11,2	15,4	7,2	2,4	7,9
Dnipropetrovsk	28,0	28,3	25,7	33,2	33,0	53,5	51,4	39,1	51,5	47,9
Donetsk	3,0	26,0	18,6	24,3	43,2	33,7	46,5	44,3	45,5	25,7
Zhytomyr	5,5	3,2	1,0	1,0	17,8	5,9	9,5	9,8	11,9	8,3
Zakarpattia	4,5	6,3	0,3	8,7	13,1	13,2	12,6	14,5	1,6	9,9
Zaporizhzhya	6,7	22,2	10,6	8,5	43,4	37,3	28,5	29,1	31,7	17,6
Ivano-Frankivsk	4,4	5,4	1,2	3,2	14,4	12,2	9,5	12,1	10,9	10,6
Kyiv	7,0	8,6	14,5	5,1	9,3	19,7	24,0	17,3	17,8	17,8
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
Lviv	7,3	6,7	9,2	13,1	28,6	28,3	12,1	32,2	13,6	21,7
Mykolayiv	5,4	7,4	1,4	1,2	4,6	10,9	10,6	15,6	12,2	8,0
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
Rivne	5,1	6,8	5,5	4,6	15,5	6,9	5,1	13,4	7,7	2,8
Sumy	16,5	8,9	7,0	14,4	11,1	18,1	6,2	6,8	3,7	14,2
Ternopil	6,3	5,9	2,1	7,7	21,0	14,9	21,9	10,0	8,2	3,9
Kharkiv	16,0	8,2	15,6	15,6	43,4	74,0	86,7	81,4	47,6	26,5
Kherson	1,0	3,1	1,4	5,1	14,8	9,5	20,0	33,2	13,2	10,0
Khmelnyskiy	5,8	5,6	8,7	6,1	6,9	6,4	15,1	18,9	20,3	4,6
Cherkasy	2,0	9,0	9,4	3,9	8,8	9,8	11,6	21,6	17,6	18,4
Chernivtsi	3,8	1,5	0,1	4,9	5,6	34,9	2,8	4,4	5,2	0,7
Chernihiv	12,5	1,4	6,4	2,9	9,9	2,3	3,6	9,7	4,7	16,4
<b>cities</b>										
Kyiv	75,5	30,1	45,3	75,2	38,0	161,9	256,1	95,4	28,5	16,3
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	2006	2007	2000	2005	2006	2007
<b>Total</b>	<b>14572,5</b>	<b>34228,4</b>	<b>38368,0</b>	<b>49296,1</b>	<b>13956,0</b>	<b>36136,3</b>	<b>45038,6</b>	<b>60618,0</b>
<b>CIS countries</b>	<b>4497,5</b>	<b>10730,6</b>	<b>12663,5</b>	<b>18614,6</b>	<b>8039,9</b>	<b>17029,3</b>	<b>20184,6</b>	<b>25569,5</b>
Azerbaijan	40,8	290,5	422,0	631,1	23,8	27,8	41,0	31,1
Belarus	272,1	891,1	1222,7	1561,5	601,9	939,8	1255,2	1445,4
Armenia	12,1	97,3	137,2	215,1	3,4	13,2	21,3	35,8
Georgia	37,8	199,5	312,4	527,6	10,3	41,0	72,3	100,2
Kazakhstan	76,8	667,1	826,3	1433,5	412,8	186,4	965,7	1686,6
Kyrgyzstan	6,2	31,6	38,0	71,4	2,4	5,7	5,4	6,3
Moldova, Republic of	176,3	678,6	671,1	911,3	35,3	84,2	122,4	168,2
Russian Federation	3515,6	7490,1	8650,7	12668,5	5824,9	12842,5	13787,0	16838,2
Tajikistan	97,4	46,9	39,8	51,2	0,9	5,3	4,3	4,4
Turkmenistan	148,4	187,2	132,8	196,6	946,2	2678,1	3492,0	4707,4
Uzbekistan	114,0	150,6	210,6	346,9	178,0	205,3	418,0	546,0



## FOREIGN ECONOMIC ACTIVITY

Table 11.1 is continued

	Exports				Imports			
	2000	2005	2006	2007	2000	2005	2006	2007
<b>Rest of the world<sup>1</sup></b>	<b>10075,0</b>	<b>23497,8</b>	<b>25704,5</b>	<b>30681,5</b>	<b>5916,1</b>	<b>19107,0</b>	<b>24854,0</b>	<b>35048,5</b>
<b>Europe</b>	<b>4680,2</b>	<b>10881,4</b>	<b>12625,5</b>	<b>14773,8</b>	<b>4311,5</b>	<b>12666,4</b>	<b>16804,2</b>	<b>23048,9</b>
including								
Austria	163,6	317,3	329,1	429,4	185,1	458,4	547,2	800,4
Albania	4,4	54,2	90,2	104,0	0,1	1,1	0,3	0,1
Belgium	106,5	197,6	215,2	189,9	134,7	314,0	372,6	562,0
Bulgaria	382,5	543,0	595,7	554,0	60,4	108,7	130,4	169,6
Bosnia and Herzegovina	2,5	15,0	81,6	78,1	0,9	3,2	7,5	6,6
Gibraltar	1,4	0,2	18,1	82,1	4,8	—	0,1	0,0
Greece	48,1	137,4	120,1	221,0	38,5	67,7	78,1	117,3
Denmark	24,7	106,7	163,0	197,8	68,2	176,0	247,1	286,9
Estonia	55,1	125,1	123,4	217,9	46,0	102,6	135,1	152,7
Ireland	27,2	6,7	8,6	13,7	25,7	45,2	50,8	87,9
Iceland	0,7	1,2	0,3	3,5	3,8	13,1	29,2	37,5
Spain	162,9	573,5	445,1	557,4	100,2	233,5	354,9	429,3
Italy	638,9	1892,6	2503,4	2675,1	346,0	1030,2	1467,4	1788,7
Latvia	166,5	311,4	286,1	258,6	43,5	64,5	90,6	118,6
Lithuania	83,3	209,3	278,3	363,3	135,4	200,0	297,4	380,4
Liechtenstein	0,7	0,1	0,0	0,1	1,2	0,8	1,3	0,5
Luxembourg	1,4	26,8	42,8	1,5	8,9	21,6	28,2	21,3
Macedonia, the former Yugoslav Republic of	42,4	35,9	69,3	97,1	1,7	2,6	4,9	8,3
Malta	4,1	15,1	23,6	32,4	0,1	0,3	20,0	0,8
Monaco	2,1	0,0	0,0	0,0	1,3	0,2	0,9	1,8
Netherlands	138,0	515,3	708,1	765,7	146,6	464,1	641,3	881,0
Germany	741,4	1285,2	1283,8	1644,5	1134,4	3383,8	4268,3	5830,0
Norway	18,1	46,9	87,0	114,9	44,0	128,3	179,7	240,9
Poland	417,9	1010,4	1344,5	1636,9	312,5	1405,9	2109,2	2920,5
Portugal	20,1	19,9	37,4	80,7	7,7	27,9	29,6	37,3
Romania	164,6	488,8	625,8	628,6	48,2	211,8	446,1	778,9
San-Marino	5,3	4,9	1,9	1,7	0,6	0,4	0,4	0,5
Serbia and Montenegro	53,9	250,8	250,2	348,8	18,5	53,0	72,2	66,3
Slovakia	230,9	507,7	549,6	645,2	124,4	304,0	382,8	523,5
Slovenia	9,0	32,5	24,9	42,5	29,8	125,0	291,5	545,3
United Kingdom	137,7	358,2	387,6	324,8	202,8	502,7	620,6	886,4
Hungary	327,3	688,8	946,1	1235,1	165,4	647,7	802,2	1240,9
Finland	24,0	28,7	45,1	46,4	95,9	351,1	391,8	544,6
France	111,7	199,9	351,4	485,6	236,1	798,9	989,8	1330,0
Croatia	15,3	59,9	78,4	104,9	8,4	19,4	37,6	55,8
Czech Republic	188,9	376,9	341,6	429,0	162,9	594,0	825,1	1154,6
Switzerland	148,8	395,8	112,1	96,5	216,4	252,5	283,2	429,8
Sweden	8,3	41,6	55,7	64,9	150,4	547,4	565,0	610,4

## FOREIGN ECONOMIC ACTIVITY

Table 11.1 is continued

	Exports				Imports			
	2000	2005	2006	2007	2000	2005	2006	2007
<b>Asia</b>	<b>3437,9</b>	<b>8377,4</b>	<b>8133,8</b>	<b>10354,0</b>	<b>832,0</b>	<b>4644,5</b>	<b>6071,4</b>	<b>8942,0</b>
including								
Afghanistan	4,2	7,2	5,1	30,2	0,2	0,1	0,3	0,1
Bangladesh	4,0	18,4	74,1	34,8	0,3	2,1	2,9	5,5
Bahrain	0,9	5,9	2,1	11,8	—	—	0,0	0,1
Vietnam	67,1	145,3	88,6	67,0	21,1	41,3	54,3	82,8
Hong Kong	2,8	5,0	7,7	19,6	4,4	10,3	23,7	26,8
Yemen	4,9	28,3	66,3	36,6	—	0,1	0,0	2,3
Israel	105,9	290,7	281,7	323,9	63,2	63,0	89,6	99,9
India	168,3	736,9	850,1	744,1	76,0	321,3	367,9	464,9
Indonesia	76,7	216,4	245,1	418,2	28,4	124,0	167,3	367,2
Iraq	68,1	77,6	42,2	29,3	—	0,2	0,3	0,2
Iran, Islamic Republic of	90,6	576,9	318,3	506,6	4,9	18,2	26,9	48,3
Jordan	44,9	182,1	317,9	430,9	2,9	10,8	8,2	10,4
Cambodia	0,0	0,9	0,1	1,0	0,0	1,0	1,2	2,7
Qatar	—	12,9	10,2	3,1	0,1	0,0	0,0	0,3
China	628,9	711,1	544,7	431,7	131,9	1810,5	2310,4	3307,5
Cyprus	176,5	217,0	251,8	174,5	29,4	4,8	11,5	19,4
Korea, Democtaric People's Republic	7,3	0,2	0,6	1,4	6,2	2,1	1,9	6,1
Korea, Republic of	146,3	202,2	88,6	177,2	109,9	648,5	935,4	1564,9
Kuwait	0,4	16,4	28,4	25,4	0,0	0,6	0,5	0,2
Lebanon	61,1	102,4	104,8	136,2	1,1	2,0	2,7	4,4
Malaysia	16,3	26,1	19,9	40,9	23,2	161,6	135,0	142,5
Mongolia	1,3	19,5	25,9	26,1	4,2	11,7	11,5	14,2
Myanmar	13,8	17,0	7,2	23,1	0,0	0,2	0,1	0,1
Nepal	2,3	2,2	0,1	1,9	0,0	0,1	0,2	0,1
United Arab Emirates	68,4	345,2	392,6	612,2	2,8	10,4	20,8	32,3
Oman	5,5	47,9	71,7	92,9	0,8	0,5	0,0	0,2
Pakistan	30,2	273,9	245,5	193,4	3,0	10,1	10,5	14,5
Saudi Arabia	35,9	386,5	537,0	523,5	0,4	3,0	4,7	4,0
Singapore	71,0	489,6	211,5	353,4	4,7	18,3	22,3	22,0
Syrian Arab Republic	160,4	672,1	602,2	846,9	1,8	27,7	31,9	36,4
Thailand	92,2	141,8	64,7	104,6	11,3	58,0	80,6	113,8
Taiwan, Province of China	242,4	134,5	98,1	115,5	19,7	96,7	94,7	127,5
Turkey	868,5	2026,7	2390,0	3645,3	159,9	607,7	769,2	972,3
Philippines	78,1	132,6	21,1	67,2	5,0	5,6	7,0	8,8
Sri Lanka	24,3	25,9	19,6	12,9	16,1	23,4	28,2	32,2
Japan	68,4	82,0	98,6	91,0	99,1	548,2	848,7	1406,6

## FOREIGN ECONOMIC ACTIVITY

Table 11.1 is continued

	Exports				Imports			
	2000	2005	2006	2007	2000	2005	2006	2007
<b>Africa</b>	<b>731,5</b>	<b>2393,9</b>	<b>2373,7</b>	<b>2792,0</b>	<b>136,4</b>	<b>426,2</b>	<b>413,0</b>	<b>673,1</b>
including								
Algeria	235,8	617,2	466,7	440,0	0,0	4,9	1,3	5,0
Angola	5,8	5,2	10,2	7,5	0,0	0,0	0,0	—
Benin	0,3	6,3	9,0	27,7	0,0	0,0	0,0	0,0
Gambia	0,2	2,9	1,2	3,9	0,0	0,0	0,0	0,0
Ghana	10,1	24,4	28,5	48,8	24,3	55,5	54,7	222,5
Guinea	6,3	10,0	11,8	12,3	50,4	115,9	95,3	76,3
Equatorial Guinea	1,1	0,4	0,7	14,9	—	0,0	—	—
Ethiopia	36,8	39,7	25,4	94,3	0,1	0,1	0,2	0,2
Egypt	221,0	798,8	748,2	880,0	2,4	37,1	43,2	77,5
Zambia	—	0,1	0,3	0,1	0,4	1,7	1,6	1,1
Zimbabwe	0,1	—	—	0,2	11,4	3,1	2,9	3,3
Cameroon	5,7	16,5	21,2	25,8	0,9	1,0	1,0	0,4
Kenya	2,8	26,6	45,5	62,9	0,1	0,6	0,8	1,7
Congo	2,4	2,3	5,5	6,9	0,0	0,3	0,3	0,5
Côte-d'Ivoire	1,3	12,1	29,0	27,3	23,7	40,9	56,8	81,5
Liberia	2,9	1,4	1,8	2,0	0,0	1,4	7,9	9,5
Libyan Arab Jamahiriya	1,7	63,6	150,1	180,4	0,0	1,1	0,5	0,2
Mauritius	3,2	—	0,4	0,0	1,4	0,0	0,2	0,3
Mauritania	14,3	16,6	16,7	23,5	0,5	5,7	2,0	2,9
Madagascar	0,5	0,1	0,4	1,8	0,8	0,0	0,2	0,5
Malawi	—	0,2	—	0,1	6,5	9,5	7,1	10,6
Mali	0,7	14,7	14,0	20,5	—	0,0	0,1	0,0
Morocco	60,8	128,4	166,3	177,4	0,3	5,1	3,3	3,6
Mozambique	0,0	8,4	8,8	2,9	0,5	2,6	3,5	3,8
Namibia	0,2	0,2	0,3	0,2	0,0	1,4	0,2	0,3
Nigeria	76,7	212,3	183,4	268,5	0,3	1,9	1,1	0,6
Tanzania,								
United Republic of	0,2	15,9	16,9	13,2	2,3	5,1	4,2	2,8
South Africa	6,2	24,8	14,4	12,2	3,1	51,6	40,3	57,9
Seychelles	0,3	3,5	0,0	0,1	0,1	0,8	0,2	0,5
Senegal	0,8	46,8	48,0	90,3	0,0	0,0	0,0	0,0
Sudan	4,4	51,3	37,0	32,2	0,4	0,1	0,1	0,3
Sierra-Leone	0,0	2,9	1,4	1,4	—	0,5	0,4	0,5
Togo	1,6	5,9	13,1	15,4	0,1	0,0	0,1	0,1
Tunisia	25,8	183,7	227,3	244,0	6,3	0,6	33,8	1,4
Uganda	0,2	7,7	16,4	12,3	0,1	2,0	0,4	0,2
Chad	0,9	4,5	10,7	12,3	0,0	0,0	0,0	—

## FOREIGN ECONOMIC ACTIVITY

Table 11.1 is continued

	Exports				Imports			
	2000	2005	2006	2007	2000	2005	2006	2007
<b>America</b>	<b>1217,5</b>	<b>1831,2</b>	<b>2550,9</b>	<b>2686,3</b>	<b>581,4</b>	<b>1265,5</b>	<b>1465,3</b>	<b>2255,4</b>
including								
Anguilla	0,2	0,9	0,0	—	0,9	0,0	0,0	1,3
Argentina	7,8	15,9	42,8	86,1	6,1	38,5	57,7	70,4
Bahamas	2,7	0,9	0,1	2,1	0,8	0,6	0,9	1,1
Belize	4,1	15,0	1,0	2,7	0,0	0,1	0,1	0,2
Brazil	75,2	110,0	138,4	366,8	93,9	312,5	279,8	430,9
Venezuela	8,4	7,7	13,3	50,0	0,1	0,0	0,2	0,9
Virgin Islands, British	99,9	261,0	480,9	610,8	17,2	0,8	1,2	0,6
Guyana	—	0,1	0,5	0,7	24,2	0,0	12,0	36,9
Guatemala	15,1	16,2	38,7	5,3	6,1	1,3	4,9	3,7
Honduras	5,2	7,7	9,6	11,0	0,0	1,0	1,6	0,5
Dominica	—	0,0	0,0	0,1	0,3	—	0,0	0,0
Dominican Republic	13,9	6,9	54,7	0,7	—	0,4	1,1	1,0
Ecuador	11,0	34,3	38,5	19,5	13,1	66,3	64,2	89,3
Canada	59,2	90,1	122,5	95,4	24,8	87,0	98,7	132,1
Colombia	12,0	31,4	39,0	44,6	1,6	7,8	5,3	5,2
Costa Rica	9,4	9,5	15,4	37,8	0,8	4,7	9,8	4,5
Cuba	10,3	21,6	19,2	19,6	5,4	1,5	1,4	1,8
Mexico	50,5	116,9	204,2	166,8	2,4	8,5	22,5	23,8
Nicaragua	3,9	4,8	9,4	4,6	0,0	0,1	0,1	0,1
Panama	73,5	15,7	39,2	10,3	8,3	4,0	2,8	4,0
Peru	6,2	37,0	24,7	30,3	0,2	3,1	1,5	2,5
Puerto Rico	2,1	—	0,0	0,0	0,0	0,2	0,7	3,6
El Salvador	4,2	2,3	6,0	9,7	0,0	3,1	0,1	0,0
Saint Vincent and the Grenadines	0,1	4,6	0,7	4,1	—	0,0	0,0	0,0
USA	725,3	956,5	1208,8	1058,0	360,4	710,0	879,1	1404,5
Trinidad and Tobago	3,2	9,4	11,3	1,6	—	0,0	0,0	0,0
Uruguay	0,3	0,1	0,6	7,4	0,2	2,8	1,8	10,6
Chile	13,1	38,2	26,8	35,5	0,2	9,9	15,6	21,0
Jamaica	0,1	0,1	0,0	0,2	12,7	0,0	0,1	0,0
<b>Australia and Oceania</b>	<b>7,0</b>	<b>13,7</b>	<b>17,9</b>	<b>15,7</b>	<b>54,7</b>	<b>103,9</b>	<b>99,5</b>	<b>128,4</b>
including								
Australia	5,2	9,6	8,6	12,8	53,8	85,3	88,1	120,6
Marshall Islands	0,1	0,3	0,1	0,1	0,0	0,2	—	0,0
New Zealand	0,7	3,8	9,1	2,8	0,9	2,4	4,5	7,7

<sup>1</sup> Including undistributed goods, which were purchased in foreign ports for the maintenance of vessels and support of their crews

## FOREIGN ECONOMIC ACTIVITY

**11.2. Exports/imports of goods in 2007, 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
<b>Ukraine</b>	<b>14345</b>	<b>49296,1</b>	<b>100,0</b>	<b>24539</b>	<b>60618,0<sup>1</sup></b>	<b>100,0</b>
Autonomous Republic of Crimea	223	463,0	0,9	443	266,9	0,4
<b>oblasts</b>						
Vinnitsya	417	485,7	1,0	410	305,9	0,5
Volyn	409	422,4	0,9	543	1055,6	1,7
Dnipropetrovsk	1116	9819,2	19,9	1979	5309,9	8,8
Donetsk	826	10654,9	21,6	1263	4451,3	7,3
Zhytomyr	533	405,1	0,8	411	294,8	0,5
Zakarpattia	702	1148,0	2,3	668	1552,5	2,6
Zaporizhzhya	514	4324,8	8,8	712	3414,0	5,6
Ivano-Frankivsk	408	1005,4	2,0	415	789,0	1,3
Kyiv	525	775,6	1,6	1093	2597,1	4,3
Kirovohrad	187	272,5	0,6	169	178,6	0,3
Luhansk	465	3963,7	8,0	469	1484,5	2,4
Lviv	828	1036,7	2,1	1572	1454,0	2,4
Mykolayiv	264	1104,5	2,2	281	533,3	0,9
Odesa	705	1098,5	2,2	1636	2551,6	4,2
Poltava	345	2143,1	4,3	447	899,5	1,5
Rivne	257	384,7	0,8	325	416,5	0,7
Sumy	311	682,0	1,4	268	374,5	0,6
Ternopil	169	124,8	0,3	295	168,6	0,3
Kharkiv	991	1143,0	2,3	1507	2265,4	3,7
Kherson	238	323,2	0,7	254	188,8	0,3
Khmelnyskiy	287	336,7	0,7	402	330,6	0,5
Cherkasy	303	690,6	1,4	344	494,9	0,8
Chernivtsi	348	157,5	0,3	315	134,0	0,2
Chernihiv	261	362,5	0,7	266	281,6	0,5
<b>cities</b>						
Kyiv	2525	5337,3	10,8	7596	23726,3	39,1
Sevastopol	126	109,2	0,2	146	51,8	0,1

<sup>1</sup> Including part of crude oil

## FOREIGN ECONOMIC ACTIVITY

**11.3. Commodity structure of foreign trade in 2007**

(mln. USD)

	Exports		Imports	
	total	share of total exports, percent	total	share of total imports, percent
<b>Total</b>	<b>49296,1</b>	<b>100,0</b>	<b>60618,0</b>	<b>100,0</b>
including by UCCFT <sup>1</sup> category				
livestock and products of cattle farming	747,2	1,5	771,3	1,3
products of plant-growing industry	1726,5	3,5	860,8	1,4
animal and vegetable oils and fats	1718,0	3,5	388,2	0,6
finished foodstuffs	2095,3	4,3	2091,2	3,4
mineral products	4275,3	8,7	17219,2	28,4
products of chemical industry and other industries related to chemical	4060,3	8,2	5316,5	8,8
polymers, rubber and plastic products	987,2	2,0	3413,5	5,6
leather and fur and articles of leather and fur	394,7	0,8	159,5	0,3
wood and wood products	827,5	1,7	374,5	0,6
timber and other pulp	767,7	1,6	1523,0	2,5
textiles and textile products	990,8	2,0	1487,0	2,5
footwear, head-dress and umbrellas	148,6	0,3	217,9	0,4
articles of stone, plaster, cement, ceramics, glass	358,8	0,7	991,6	1,6
precious or semi-precious stones, precious metals and articles thereof	148,8	0,3	269,2	0,4
non-precious metals and articles thereof	20776,6	42,1	4743,1	7,8
mechanic equipment; machinery and equipment, electric equipment and their parts; video and audio recording and playback devices	4977,1	10,1	10578,6	17,5
transportation means and road equipment	3305,6	6,7	8216,6	13,6
optical equipment and apparatus, photo, cinematographic, measuring, medical and surgical equipment and apparatus, watches and clocks, musical instruments	203,6	0,4	1008,5	1,7
miscellaneous manufactured goods	360,7	0,7	595,2	1,0
art products	2,1	0,0	3,6	0,0
goods purchased at ports	41,5	0,1	323,5	0,5
miscellaneous	382,1	0,8	65,5	0,1

<sup>1</sup> 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	2006	2007	2000	2005	2006	2007
<b>Total</b>	<b>242008,5</b>	<b>38662,6</b>	<b>64007,6</b>	<b>83509,0</b>	<b>920129,3</b>	<b>1713405,1</b>	<b>1820023,7</b>	<b>2506748,4</b>
<b>CIS countries</b>	<b>3406,0</b>	<b>4618,3</b>	<b>7587,0</b>	<b>7291,3</b>	<b>59731,8</b>	<b>573138,8</b>	<b>444659,6</b>	<b>446029,1</b>
including								
Belarus	35,3	—	109,3	—	3473,6	8763,9	10204,5	7360,0
Armenia	31,5	—	—	—	85,8	124,1	—	—
Georgia	—	—	—	—	3,7	3870,5	1054,5	—
Kazakhstan	—	—	—	—	4465,4	966,6	174,8	64,6
Kyrgyzstan	—	—	—	—	145,0	2,7	—	—
Moldova,								
Republic of	684,1	38,7	—	—	250,5	514,4	425,5	447,3
Russian								
Federation	233,0	4579,7	7477,7	7291,3	51150,8	558509,5	431973,2	437000,4
Tajikistan	—	—	—	—	43,8	10,3	4,1	—
Uzbekistan	2422,1	—	—	—	113,2	376,8	823,0	1155,8
<b>Rest of the world</b>	<b>238602,5</b>	<b>34044,3</b>	<b>56420,6</b>	<b>76217,7</b>	<b>860397,5</b>	<b>1140266,4</b>	<b>1375364,1</b>	<b>2060719,3</b>
<b>Europe</b>	<b>206976,3</b>	<b>34035,9</b>	<b>56413,6</b>	<b>75404,6</b>	<b>622608,9</b>	<b>927759,9</b>	<b>1152476,9</b>	<b>1657112,3</b>
including								
Austria	187,4	2295,7	—	2282,0	63074,8	42202,2	57858,6	71099,0
Belgium	2060,8	398,4	12,5	—	42217,0	37283,7	43542,3	34603,5
Bulgaria	779,3	71,9	—	—	110,8	808,4	906,4	1491,3
Bosnia and								
Herzegovina	—	—	—	—	208,1	—	—	—
Gibraltar	—	—	—	—	3507,0	—	—	—
Greece	1817,6	—	—	—	17,7	58,2	105,6	160,8
Denmark	—	—	—	—	16217,0	29110,5	31423,3	29496,9
Estonia	2311,0	—	3,6	—	677,8	119,7	1476,8	920,7
Ireland	—	—	—	—	757,4	263,6	255,5	630,5
Iceland	—	—	—	—	—	25,2	25,9	—
Spain	24560,6	—	—	—	3185,9	9154,3	7180,1	8189,9
Italy	19542,2	—	2,2	—	84436,8	150405,9	165717,3	182599,0
Latvia	1645,5	—	—	—	2523,7	10307,5	11546,7	19709,0
Lithuania	73,2	—	—	—	580,8	14143,8	13743,3	14890,7
Liechtenstein	—	—	—	—	2,4	—	56,5	—
Luxembourg	—	—	—	—	1169,2	4227,0	4693,1	2837,9
Macedonia, the								
former Yugoslav								
Republic of	—	—	—	—	0,5	0,2	0,0	0,4
Malta	—	—	—	—	48,0	—	—	—
Monaco	—	—	—	—	1257,0	—	—	—
Netherlands	24532,1	—	—	418,5	10109,2	19901,4	20134,2	45931,0
Germany	90933,0	27871,8	55253,7	55159,0	233635,5	272737,0	284002,3	326494,3
Norway	—	—	—	—	144,6	837,9	650,9	3587,6
Poland	6231,7	45,0	70,4	239,2	8438,4	56678,6	81815,1	109980,3
Portugal	15435,0	—	—	—	3194,3	6210,4	5348,9	4677,0

## FOREIGN ECONOMIC ACTIVITY

Table 11.4 is continued

	Exports				Imports			
	2000	2005	2006	2007	2000	2005	2006	2007
Romania	124,9	—	—	—	3124,5	6098,7	15879,5	26081,7
San-Marino	—	—	—	—	520,6	108,5	215,1	386,7
Serbia and Montenegro	397,5	—	—	—	809,0	43,7	41,8	498,5
Slovakia	1317,2	—	—	—	2966,6	18551,5	13273,0	20827,8
Slovenia	—	—	—	—	506,0	413,9	399,0	1229,7
United Kingdom	657,3	3278,8	1063,2	3182,9	22824,4	32871,1	28559,7	19461,5
Hungary	2201,0	—	—	4,1	37702,8	104794,0	223224,5	562148,7
Finland	—	—	—	—	9953,8	19983,1	36554,1	44120,9
France	7098,4	—	0,1	0,2	33429,8	50859,5	50223,0	49885,4
Croatia	93,6	—	—	—	248,4	—	10,9	0,1
Czech Republic	1945,8	74,2	7,9	—	9562,7	20594,7	26494,3	35858,2
Switzerland	2950,7	—	—	14118,8	23937,9	5261,6	7128,3	10519,6
Sweden	80,7	—	—	—	1508,4	13704,3	19990,5	28793,9
<b>Asia</b>	<b>20521,9</b>	<b>—</b>	<b>6,9</b>	<b>—</b>	<b>66525,7</b>	<b>106765,1</b>	<b>134811,6</b>	<b>269953,3</b>
including								
Afghanistan	—	—	—	—	36,4	—	—	—
Bangladesh	—	—	—	—	17,5	1,6	—	—
Vietnam	—	—	—	—	102,6	446,5	320,5	1073,3
Hong Kong	—	—	—	—	2870,2	2449,6	2581,9	5297,5
Israel	1456,8	—	—	—	30289,2	9473,8	8438,1	3536,9
India	1120,8	—	—	—	391,0	2356,7	1552,2	3386,3
Indonesia	10,6	—	—	—	313,9	17280,6	53792,1	180731,0
Iran, Islamic Republic of	—	—	—	—	666,5	0,9	1,8	14,1
China	26,9	—	—	—	6898,9	20650,2	24981,7	23761,9
Cyprus	5043,1	—	—	—	207,0	—	5,7	—
Korea, Democratic People's Republic	19,4	—	—	—	3005,2	572,1	288,0	293,2
Korea, Republic of	126,8	—	6,9	—	7354,3	4013,5	1719,3	1692,4
Malaysia	230,0	—	—	—	215,3	17327,8	898,5	467,1
Pakistan	1434,7	—	—	—	1525,7	965,4	438,1	589,1
Singapore	—	—	—	—	428,2	1692,6	2790,6	1259,4
Thailand	—	—	—	—	901,1	1443,4	1336,2	2271,8
Taiwan, Province of China	—	—	—	—	4077,2	10743,9	6041,1	7927,0
Turkey	11036,1	—	—	—	4022,6	9955,4	14795,6	24904,6
Philippines	—	—	—	—	65,9	168,7	655,0	1255,7
Sri Lanka	—	—	—	—	10,8	0,0	11,2	0,9
Japan	16,7	—	—	—	3126,2	7157,5	13747,0	11187,8



## FOREIGN ECONOMIC ACTIVITY

Table 11.4 is continued

	Exports				Imports			
	2000	2005	2006	2007	2000	2005	2006	2007
<b>Africa</b>	<b>8459,2</b>	—	—	—	<b>55506,6</b>	<b>32476,4</b>	<b>1312,7</b>	<b>1979,6</b>
including								
Algeria	—	—	—	—	—	3273,9	—	941,9
Ghana	—	—	—	—	15432,7	5144,6	7,7	77,3
Guinea	—	—	—	—	36109,6	4,4	63,9	239,6
Ethiopia	—	—	—	—	46,1	0,8	—	5,8
Egypt	—	—	—	—	505,1	160,3	256,3	31,4
Morocco	8459,2	—	—	—	—	0,8	8,5	115,5
South Africa	—	—	—	—	1862,5	40,4	357,9	354,3
Tunisia	—	—	—	—	1539,7	12,7	15,7	130,7
<b>America</b>	<b>2645,1</b>	<b>8,4</b>	—	<b>813,2</b>	<b>78801,4</b>	<b>57246,3</b>	<b>80225,9</b>	<b>131547,9</b>
including								
Anguilla	—	—	—	—	12,1	0,0	0,3	0,3
Argentina	—	—	—	—	110,7	124,0	578,8	—
Belize	87,0	—	—	—	—	—	—	—
Brazil	—	—	—	—	17732,1	24606,0	48492,0	75869,3
Virgin Islands, British	777,5	—	—	—	3985,5	700,0	0,2	—
Guyana	—	—	—	—	16217,9	—	—	—
Guatemala	—	—	—	—	0,7	179,3	—	—
Greenland	—	—	—	—	12,2	0,1	0,9	—
Ecuador	—	—	—	—	998,7	0,0	0,4	—
Canada	766,2	0,5	—	—	305,1	689,9	643,7	605,9
Colombia	—	—	—	—	11,9	—	—	—
Cayman Islands	—	—	—	—	879,7	—	—	—
Panama	—	—	—	—	—	355,8	—	—
Peru	—	—	—	—	—	3,7	27,5	120,7
USA	1014,4	7,8	—	813,2	28850,2	26413,1	29777,8	46986,9
Uruguay	—	—	—	—	22,8	1000,3	599,4	7710,7
Chile	—	—	—	—	53,6	—	0,4	—
Jamaica	—	—	—	—	9531,1	—	1,0	—
<b>Australia and Oceania</b>	—	—	—	—	<b>36954,9</b>	<b>16018,7</b>	<b>6537,0</b>	<b>126,2</b>
including								
Australia	—	—	—	—	36951,9	13,6	—	124,5
New Caledonia	—	—	—	—	—	16002,7	6536,5	—

## FOREIGN ECONOMIC ACTIVITY

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

	Exports				Imports			
	2000	2005	2006	2007	2000	2005	2006	2007
<b>Total</b>	<b>3486,8</b>	<b>6134,7</b>	<b>7505,5</b>	<b>9038,9</b>	<b>1150,9</b>	<b>2935,0</b>	<b>3719,4</b>	<b>4980,6</b>
<b>CIS countries</b>	<b>2141,4</b>	<b>2849,2</b>	<b>3451,3</b>	<b>3717,1</b>	<b>215,5</b>	<b>520,7</b>	<b>702,3</b>	<b>815,6</b>
Azerbaijan	5,0	10,7	11,1	14,3	1,5	5,5	4,0	7,0
Belarus	32,5	47,3	57,9	81,3	10,8	23,8	27,0	35,9
Armenia	2,2	5,6	8,6	7,6	1,3	2,2	2,7	4,7
Georgia	4,7	33,7	41,4	50,8	2,3	11,4	11,9	15,8
Kazakhstan	4,4	21,4	33,3	67,5	4,6	8,9	13,0	20,5
Kyrgyzstan	0,7	1,1	2,3	1,5	0,3	0,5	0,5	0,8
Moldova, Republic of	21,6	33,7	35,3	53,4	9,7	15,3	25,1	29,9
Russian Federation	2049,1	2574,5	3137,0	3410,6	182,5	436,7	596,6	696,7
Tajikistan	0,3	7,7	1,6	2,3	0,1	0,1	0,1	0,1
Turkmenistan	15,5	108,0	114,8	16,4	0,9	13,9	18,5	1,4
Uzbekistan	5,4	5,5	8,0	11,4	1,5	2,4	2,9	2,8
<b>Rest of the world</b>	<b>1345,4</b>	<b>3285,5</b>	<b>4054,2</b>	<b>5321,8</b>	<b>935,4</b>	<b>2414,3</b>	<b>3017,1</b>	<b>4165,0</b>
including								
Austria	44,9	94,9	126,5	183,9	20,6	127,5	213,3	163,6
Belgium	70,5	145,5	171,2	203,5	14,3	28,6	35,7	55,3
Bulgaria	35,8	32,3	35,0	41,9	5,7	10,4	17,3	24,0
Virgin Islands, British	17,2	69,5	85,8	117,7	2,9	38,0	29,9	36,8
Greece	44,1	69,2	64,9	104,9	9,3	12,5	18,4	67,5
Egypt	3,7	14,1	21,7	38,6	2,9	18,0	34,7	43,7
Israel	21,2	40,9	44,4	60,7	8,5	18,8	14,7	24,8
India	33,5	17,1	19,7	36,0	1,8	3,2	4,3	7,8
Ireland	27,1	8,9	6,1	7,8	6,2	1,1	2,1	4,1
Spain	9,7	20,1	24,3	29,1	6,1	16,4	17,4	14,6
Italy	36,0	74,1	92,8	110,2	6,2	19,5	27,9	54,7
Canada	7,9	39,6	64,9	95,9	17,1	25,8	27,7	28,5
China	12,2	24,0	24,7	38,3	3,8	7,7	8,5	15,3
Cyprus	68,4	242,4	322,6	406,9	12,5	213,5	279,1	389,8
Latvia	16,0	39,8	40,4	47,3	8,0	13,0	13,3	22,5
Lithuania	5,0	12,6	19,1	33,4	3,3	6,7	9,9	29,7
Liberia	5,8	14,6	20,1	26,6	0,2	0,6	0,3	0,4
Malta	32,0	35,2	41,5	37,2	2,3	1,4	1,6	1,7
United Arab Emirates	4,3	26,0	43,9	46,5	1,9	10,8	29,4	37,7
Netherlands	18,5	73,2	89,6	139,5	24,0	65,6	84,5	93,4
Germany	105,0	185,8	254,0	380,9	69,3	171,3	244,2	339,4
Norway	11,0	13,5	13,3	20,4	1,7	6,9	5,2	4,1
Panama	10,6	34,0	47,0	58,0	0,6	1,8	2,2	3,6
Poland	34,1	62,2	80,8	104,5	17,7	77,0	97,0	146,3
Serbia and Montenegro	8,0	16,5	16,8	21,0	1,7	1,6	3,2	4,3
Slovakia	8,1	49,2	29,5	50,2	6,2	17,5	25,1	28,0
United Kingdom	123,2	300,2	390,0	546,8	104,2	271,3	428,7	610,5
USA	122,7	281,4	316,1	442,6	264,0	306,8	318,1	437,2
Turkey	39,0	90,2	108,4	131,4	14,0	93,9	120,2	180,1
Hungary	28,1	128,2	125,8	102,5	14,9	49,8	59,3	127,1
France	25,7	57,4	69,1	84,2	10,3	53,2	61,3	154,4
Czech Republic	7,6	21,2	29,7	38,9	7,0	17,6	28,3	48,5
Switzerland	47,8	296,2	361,5	510,2	32,2	111,1	166,5	174,2
Sweden	9,0	16,5	27,9	32,3	13,5	90,6	77,0	96,8

## FOREIGN ECONOMIC ACTIVITY

**11.6. Exports/imports of services in 2007, by region**

	Exports			Imports		
	total enterprises	value, mln. USD	percentage of total	total enterprises	value, mln. USD	percentage of total
<b>Ukraine</b>	<b>4924</b>	<b>9038,9</b>	<b>100,0</b>	<b>3942</b>	<b>4980,6</b>	<b>100,0</b>
Autonomous Republic of Crimea	432	174,2	1,9	75	13,7	0,3
<b>oblasts</b>						
Vinnitsya	38	26,1	0,3	42	67,6	1,4
Volyn	66	25,4	0,3	136	26,4	0,5
Dnipropetrovsk	176	243,4	2,7	246	316,5	6,4
Donetsk	216	399,3	4,4	207	375,9	7,6
Zhytomyr	51	8,7	0,1	22	5,9	0,1
Zakarpattia	137	38,6	0,4	87	25,1	0,5
Zaporizhzhya	134	156,0	1,7	70	104,9	2,1
Ivano-Frankivsk	58	20,3	0,2	72	15,5	0,3
Kyiv	124	118,9	1,3	102	130,1	2,6
Kirovohrad	18	16,3	0,2	27	5,1	0,1
Luhansk	75	34,3	0,4	176	94,5	1,9
Lviv	257	93,1	1,0	232	58,5	1,2
Mykolayiv	111	131,6	1,5	74	36,0	0,7
Odesa	663	1063,9	11,8	367	168,5	3,4
Poltava	117	29,9	0,3	185	99,8	2,0
Rivne	56	55,4	0,6	52	19,4	0,4
Sumy	61	50,1	0,6	75	103,8	2,1
Ternopil	31	8,0	0,1	34	3,2	0,1
Kharkiv	297	241,4	2,7	209	268,0	5,4
Kherson	131	45,9	0,5	32	1,8	0,0
Khmelnyskiy	32	14,2	0,2	55	6,4	0,1
Cherkasy	32	10,0	0,1	30	15,2	0,3
Chernivtsi	34	3,3	0,0	12	3,2	0,1
Chernihiv	43	4,1	0,1	49	13,6	0,3
<b>cities</b>						
Kyiv	1428	4259,7	47,1	1204	1784,1	35,8
Sevastopol	91	95,5	1,1	39	11,1	0,2
<i>Enterprises that are reporting to the State Statistics Committee</i>	<i>15</i>	<i>1671,2</i>	<i>18,5</i>	<i>31</i>	<i>1206,9</i>	<i>24,2</i>

## FOREIGN ECONOMIC ACTIVITY

**11.7. Structure of exports/imports of services in 2007***(mln. USD)*

	Exports		Imports	
	total	percentage of total	total	percentage of total
<b>Total</b>	<b>9038,9</b>	<b>100,0</b>	<b>4980,6</b>	<b>100,0</b>
Transport services	6111,7	67,6	1118,4	22,4
sea	915,9	10,1	136,2	2,7
passenger	2,7	0,0	4,0	0,1
cargo	65,9	0,7	19,5	0,4
other	847,3	9,4	112,7	2,3
air	919,6	10,2	334,3	6,7
passenger	466,5	5,2	84,4	1,7
cargo	159,8	1,8	7,6	0,2
other	293,3	3,2	242,3	4,9
railway	1268,2	14,0	502,9	10,1
passenger	238,8	2,6	168,0	3,4
cargo	431,3	4,8	97,5	2,0
other	598,1	6,6	237,4	4,7
pipeline	2411,6	26,7	3,0	0,0
other transport	596,4	6,6	142,0	2,9
passenger	15,3	0,2	3,1	0,1
cargo	305,5	3,4	43,7	0,9
other	275,6	3,0	95,2	1,9
Travel	342,2	3,8	326,7	6,6
Communications services	237,1	2,6	89,3	1,8
Construction services	98,5	1,1	109,1	2,2
Insurance services	86,2	1,0	138,8	2,8
Finance services	322,2	3,6	887,3	17,8
Computer services	158,0	1,7	159,8	3,2
Royalty and licenses services	18,3	0,2	232,6	4,7
Other business services	97,5	1,1	126,1	2,5
Miscellaneous business, professional and technical services	1167,1	12,9	808,6	16,2
Services to individuals, and cultural and recreational services	69,9	0,8	252	5,1
Public services not included elsewhere	3,6	0,0	695,1	14
Repair	326,6	3,6	36,8	0,7

## FOREIGN ECONOMIC ACTIVITY

**11.8. Foreign direct investment<sup>1</sup> in Ukraine in 2007***(mln. USD)*

	Total	Including	
		from the CIS countries	from rest of the world
<b>Capital of non-residents in Ukraine, beginning of year</b>	<b>21607,3</b>	<b>1096,5</b>	<b>20510,8</b>
according to administrative data <sup>2</sup>	5561,4	252,0	5309,4
Increase in capital of non-residents	8710,6	632,9	8077,7
according to administrative data <sup>2</sup>	999,8	159,2	840,6
resulting from			
cash investment	6710,8	411,0	6299,8
investment in the form of securities	43,3	0,6	42,7
investment in the form of debt cancellation	1,0	0,2	0,8
reinvested earnings	17,0	0,0	17,0
investment in the form of movables and real estate	656,9	58,2	598,7
investment in the form of intangible assets	6,6	0,0	6,6
purchases of corporate rights resulting from privatisation of state property	17,7	2,2	15,5
other forms of investment	257,5	1,5	256,0
Decrease in capital of non-residents	1178,5	36,6	1141,9
resulting from			
withdrawal of capital	950,7	27,1	923,6
of which			
cash contributions	755,3	6,0	749,3
securities	92,7	1,3	91,4
movables and real estate	102,7	19,8	82,9
other forms of capital withdrawal	227,8	9,5	218,3
Capital revaluation	-2,5	0,6	-3,1
Capital losses	37,7	0,0	37,7
Transfer of capital ownership rights from a non-resident to a non-resident from another country	—	3,2	-3,2
Direct investment that was transferred from portfolio investment	79,1	0,0	79,1
Direct investment that was transferred into portfolio investment	-58,8	-0,5	-58,3
Difference in exchange rates	369,9	7,9	362,0
<b>Capital of non-residents in Ukraine, end of year</b>	<b>29489,4</b>	<b>1704,0</b>	<b>27785,4</b>
according to administrative data <sup>2</sup>	6561,2	411,2	6150,0
<b>Capital of non-residents in Ukraine, including lendable capital, end of year</b>	<b>33491,0</b>	<b>1917,7</b>	<b>31573,3</b>
according to administrative data <sup>2</sup>	6561,2	411,2	6150,0

<sup>1</sup> Here elsewhere (Tables 9.9–9.14 ) data have been compiled on the basis of information from legal persons<sup>2</sup> 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
<b>Total</b>	<b>896,9</b>	<b>3875,0</b>	<b>4555,3</b>	<b>5471,8</b>	<b>6794,4</b>	<b>9047,0</b>	<b>16890,0</b>	<b>21607,3</b>	<b>29489,4</b>
Cyprus	51,5	377,7	493,0	672,1	901,9	1101,4	1635,9	3187,5	5941,8
Germany	156,9	240,9	250,5	317,7	451,6	653,7	5503,7	5578,1	5917,9
Netherlands	46,5	362,2	374,1	396,3	459,9	637,2	919,5	1533,8	2511,2
Austria	16,4	124,5	144,4	214,3	252,4	361,1	1439,5	1633,8	2075,2
United Kingdom	53,9	312,0	414,2	534,0	701,2	955,4	1174,8	1563,4	1968,8
Russian Federation	50,0	286,6	315,5	323,2	388,6	720,8	835,8	1002,1	1462,2
USA	183,3	639,5	777,5	890,6	1060,2	1190,6	1387,4	1396,8	1436,8
France	11,3	39,9	24,2	40,1	59,2	79,0	87,9	830,3	1046,2
Virgin Islands, British	5,0	192,8	275,2	346,1	367,5	582,2	736,5	806,2	1045,7
Sweden	19,1	77,1	89,2	90,4	103,1	120,3	134,1	137,3	1006,6
Poland	20,5	62,8	69,3	98,1	152,7	194,7	225,5	394,6	670,5
Switzerland	38,4	163,3	224,0	272,2	321,6	442,3	456,4	566,5	583,8
Hungary	20,0	51,9	58,3	79,8	128,7	177,3	191,0	370,9	400,9
Liechtenstein	1,0	9,7	13,6	15,3	40,9	58,1	77,8	93,4	210,7
Denmark	3,7	11,1	17,2	35,5	73,8	106,0	130,4	142,6	181,2
Canada	19,4	57,5	52,5	62,5	79,8	117,8	154,3	169,6	178,6
Korea, Republic of	0,1	170,4	170,4	172,1	172,4	172,4	172,2	167,2	167,6
Greece	4,8	23,1	20,0	19,2	14,9	16,4	19,3	72,0	151,2
Italy	19,2	72,2	81,1	86,5	94,9	103,1	117,4	132,9	150,4
Other countries	175,9	599,8	691,1	805,8	969,1	1257,2	1490,6	1828,3	2382,1

## FOREIGN ECONOMIC ACTIVITY

**11.10. Foreign direct investment in Ukraine in 2007, by type of economic activity**

	Capital, end of year, mln. USD	Percentage of total investment
<b>Total</b>	<b>29489,4</b>	<b>100,0</b>
Agriculture, hunting, forestry	557,1	1,9
agriculture, hunting and related services	552,7	1,9
forestry and related services	4,4	0,0
Fishing, fishery	0,5	0,0
Industrial production	8138,0	27,6
mining	1059,5	3,6
manufacturing	6941,0	23,5
production of foodstuffs, beverages and tobacco products	1564,0	5,3
light industry (textile industry; sewing of clothes, fur and fur articles, production of leather, leather articles and other materials)	144,4	0,5
wood working and production of wood products apart from furniture	226,1	0,8
cellulose and paper industry; printing	189,9	0,6
production of coke and refined petroleum products	316,9	1,1
chemical and petrochemical industry (production of chemicals, production of rubber and plastic products)	838,8	2,8
production of other non-metallic mineral products	721,9	2,4
metallurgy and production of finished metal products	1685,6	5,7
engineering (manufacture of machinery and equipment, manufacture of electrical, electronic and optical equipment, manufacture of transport vehicles and equipment)	1049,6	3,6
other manufacture n.i.e.	203,8	0,7
production and distribution of electricity, gas and water	137,5	0,5
Construction	1619,2	5,5
Trade; repair of motor vehicles, household appliances and personal demand items	3056,4	10,4
trade in motor vehicles and motorcycles, maintenance and servicing	251,9	0,9
wholesale trade and sale intermediation	2597,2	8,8
retail trade; repair of household appliances and personal demand items	207,3	0,7
Activity of hotels and restaurants	426,6	1,4
Activity of transport and communications	1276,9	4,3
activity of surface transport	378,0	1,3
activity of water transport	89,2	0,3
activity of air transport	21,1	0,1
additional transport services and auxiliary operations	542,6	1,8
activity of mail and communications	246,0	0,8
Financial activity	4793,9	16,3
Real estate transactions, renting, engineering and provision of services to businessmen	2550,6	8,6
Public administration	2,0	0,0
Education	18,1	0,0
Health care and provision of social aid	203,4	0,7
Provision of communal and individual services; cultural and sporting activity	285,5	1,0
Investment undistributed by type of economic activity <sup>1</sup>	6561,2	22,3

<sup>1</sup> See the second footnote for Table 11.8

## FOREIGN ECONOMIC ACTIVITY

**11.11. Direct investment in 2007, 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
<b>Ukraine</b>	<b>21607,3</b>	<b>29489,4</b>	<b>243,3</b>	<b>6196,1</b>
Autonomous Republic of Crimea	577,0	726,2	0,2	0,2
<b>oblasts</b>				
Vinnitsya	108,3	145,1	0,1	0,2
Volyn	272,4	397,0	0,1	0,1
Dnipropetrovsk	2361,3	2924,2	22,1	88,2
Donetsk	905,9	1406,8	8,1	5335,1
Zhytomyr	122,9	173,6	0,1	—
Zakarpattia	295,0	345,3	—	—
Zaporizhzhya	606,5	698,4	2,5	8,7
Ivano-Frankivsk	183,5	385,1	0,0	0,0
Kyiv	871,4	1078,5	0,0	2,5
Kirovohrad	52,3	55,5	0,1	0,1
Luhansk	284,3	309,2	1,6	1,7
Lviv	515,0	841,4	0,9	0,9
Mykolayiv	113,0	184,2	0,5	0,5
Odesa	718,7	892,1	39,9	35,7
Poltava	315,8	363,0	1,9	2,3
Rivne	112,6	247,1	0,0	—
Sumy	156,7	181,0	2,9	3,4
Ternopil	45,0	51,0	0,1	2,2
Kharkiv	983,6	1281,9	65,6	63,9
Kherson	109,7	155,6	0,0	0,0
Khmelnyskiy	92,2	129,0	0,2	0,6
Cherkasy	116,3	174,9	0,0	0,0
Chernivtsi	36,8	51,2	1,9	1,9
Chernihiv	81,5	88,6	0,0	0,0
<b>cities</b>				
Kyiv	5881,9	9496,7	75,6	186,6
Sevastopol	126,3	145,6	18,9	18,9
Investment undistributed by region	5561,4 <sup>1</sup>	6561,2 <sup>1</sup>	—	442,4 <sup>2</sup>

<sup>1</sup> See the second footnote to Table 11.8<sup>2</sup> 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 2007***(mln. USD)*

	Total	Including	
		to the CIS countries	to rest of the world
<b>Capital of residents in other economies, beginning of year</b>	<b>243,3</b>	<b>116,1</b>	<b>127,2</b>
Increase in capital of residents	6006,6	107,0	5899,6
according to administrative data <sup>1</sup>	442,4	—	442,4
resulting from			
cash investment	151,3	106,4	44,9
investment in the form of securities	5410,2	—	5410,2
investment in the form of debt cancellation	—	—	—
reinvested earnings	0,1	0,1	—
investment in the form of movables and real estate	2,6	0,5	2,1
investment in the form of intangible assets	—	—	—
other forms of investment	—	—	—
Decrease in capital of residents	48,2	9,7	38,5
resulting from			
withdrawal of capital	48,2	9,7	38,5
of which			
cash contributions	46,5	8,0	38,5
securities	1,6	1,6	—
movable property and real estate	0,1	0,1	—
other forms of capital withdrawal	0,0	0,0	—
Capital revaluation	-3,6	-3,6	—
Capital losses	17,4	0,0	17,4
Transfer of capital ownership rights from resident abroad to another resident	—	—	—
Direct investment that was transferred from portfolio investment	—	—	—
Direct investment that was transferred into portfolio investment	0,0	0,0	—
Difference in exchange rates	15,4	10,4	5,0
<b>Capital of residents in other economies, end of year</b>	<b>6196,1</b>	<b>220,2</b>	<b>5975,9</b>
according to administrative data <sup>1</sup>	442,4	—	442,4
<b>Total capital of residents in other economies, including lent capital, end of year</b>	<b>6319,5</b>	<b>220,2</b>	<b>6099,3</b>
according to administrative data <sup>1</sup>	442,4	—	442,4

<sup>1</sup> See the second 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
<b>Total</b>	<b>84,1</b>	<b>170,3</b>	<b>155,7</b>	<b>144,3</b>	<b>166,0</b>	<b>198,6</b>	<b>219,5</b>	<b>243,3</b>	<b>6196,1</b>
Cyprus	2,4	2,4	2,4	1,9	1,9	2,0	2,1	10,3	5825,5
Russian Federation	52,1	68,1	84,9	73,5	88,0	97,3	102,9	104,0	148,6
Latvia	0,0	0,0	0,0	0,0	0,0	0,0	0,0	3,5	30,7
Poland	0,3	0,3	0,3	0,3	0,4	21,1	21,3	24,2	30,1
Georgia	6,1	0,9	0,8	0,8	2,2	2,3	2,2	2,9	28,0
Moldova, Republic of	0,0	0,0	0,0	0,0	0,0	0,0	0,9	1,3	26,7
Panama	2,0	46,8	18,9	18,9	18,9	18,9	18,9	18,9	18,9
Spain	—	13,8	13,8	13,8	13,8	13,8	13,8	13,8	13,8
United Kingdom	0,0	0,1	0,0	0,2	0,2	0,2	13,9	13,9	13,8
Armenia	0,0	—	—	—	—	—	—	5,5	12,8
Virgin Islands, British	—	—	—	—	—	—	—	0,1	10,9
USA	1,4	0,7	0,7	0,7	5,4	5,7	5,6	5,7	5,9
Switzerland	8,1	6,5	3,3	3,8	4,2	4,7	4,0	4,3	4,6
Lithuania	0,0	0,4	0,4	0,4	0,4	0,4	0,4	2,9	4,0
Vietnam	—	17,0	16,8	16,8	15,8	15,9	15,9	15,9	3,9
Germany	0,2	0,2	0,2	0,3	0,4	0,4	0,3	0,4	2,5
Austria	1,6	0,7	0,7	0,8	1,0	3,0	4,6	1,9	2,2
Other countries	9,9	12,4	12,5	12,1	13,4	12,9	12,7	13,8	13,2

## FOREIGN ECONOMIC ACTIVITY

**11.14. Direct Ukrainian investment abroad in 2007, by type of economic activity<sup>1</sup>**

	Capital, end of year, mln. USD	Percentage of total
<b>Total</b>	<b>6196,1</b>	<b>100,0</b>
Agriculture, hunting, forestry	0,9	0,0
Industrial production	33,4	0,5
mining	0,1	0,0
manufacturing	33,3	0,5
production of foodstuffs, beverages and tobacco products	6,5	0,1
light industry (textile industry; sewing of clothes, fur and fur articles; production of leather, leather articles and other materials)	0,2	0,0
cellulose and paper industry; printing	0,4	0,0
production of coke and refined petroleum products	0,8	0,0
chemical and petrochemical industry (production of chemicals, production of rubber and plastic products)	4,4	0,1
production of other non-metallic mineral products	0,2	0,0
metallurgy and production of finished metal products	3,1	0,1
engineering (manufacture of machinery and equipment, manufacture of electrical, electronic and optical equipment, manufacture of transport vehicles and equipment)	14,6	0,2
other manufacture n.i.e.	3,1	0,0
Construction	2,5	0,1
Trade; repair of motor vehicles, household appliances and personal demand items	95,5	1,6
trade in motor vehicles and motorcycles, maintenance and servicing	0,0	0,0
wholesale trade and sale intermediation	54,2	0,9
retail trade; repair of household appliances and personal demand items	41,3	0,7
Activity of hotels and restaurants	0,2	0,0
Activity of transport and communications	43,3	0,7
activity of surface transport	0,0	0,0
activity of water transport	43,0	0,7
additional transport services and auxiliary operations	0,3	0,0
Financial activity	174,1	2,8
Real estate transactions, renting, engineering and provision of services to businessmen	5385,8	86,9
Public administration	18,0	0,3
Education	0,0	0,0
Investment undistributed by type of economic activity <sup>2</sup>	442,4	7,1

<sup>1</sup> These are types of economic activity of resident enterprises that made investment<sup>2</sup> See the second 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
Wholesale turnover of enterprises	167,3	273,5	290,1	394,1	547,1	511,2	667,2	863,9
Retail trade turnover	47,5	59,0	68,8	87,6	116,3	174,4 <sup>1</sup>	237,8 <sup>1</sup>	325,1 <sup>1</sup>
Restaurant turnover	2,1	2,5	2,8	3,0	3,5	7,5 <sup>1</sup>	9,1 <sup>1</sup>	11,7 <sup>1</sup>
Retail turnover of enterprises	28,8	34,4	39,7	50,0	67,6	94,3	130,0	178,2

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

**12.3. Commodity structure of wholesale trade turnover**

(mln. UAH)

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.3 is continued

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.3 is continued

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



WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.3 is continued

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

**12.4. Structure of deals made at exchanges**

(mln. UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>544,0</b>	<b>3544,9</b>	<b>8211,5</b>	<b>9519,8</b>	<b>12742,2</b>	<b>15673,8</b>	<b>18962,1</b>	<b>24406,0</b>	<b>28092,9</b>
Metal and metal products	0,5	4,9	5,4	17,5	6,9	135,8	116,4	5,6	8,7
Non-ferrous metals	0,1	0,3	5,6	0,4	31,5	0,1	0,0	5,0	0,0
Transportation means	41,0	193,4	368,2	311,2	479,7	359,4	319,9	392,8	452,8
Agricultural machinery	...	...	...	...	...	19,4	38,5	94,4	115,5
Computers and office equipment	0,2	8,6	2,8	3,9	5,5	2,0	0,2	0,4	0,4
Lathes	...	...	...	...	...	6,0	9,3	18,4	10,4
Wood and timber	0,3	0,7	0,3	0,4	0,4	0,3	35,7	27,7	701,8
Fuel	2,8	290,6	334,1	1938,2	2655,0	2301,2	2517,9	8479,2	9343,4
of which									
coal	1,7	1,5	3,2	77,5	37,8	9,1	0,0	24,0	0,4
gasoline	0,5	0,5	2,6	0,6	4,9	52,8	395,1	0,6	7,2
crude oil	...	2,7	5,1	1578,3	2221,2	1954,1	1329,1	7183,5	7884,8
Manufactured goods	0,7	2,6	1,0	1,2	31,7	40,4	6,5	1,3	5,5
Agricultural products	220,8	989,7	4005,4	6526,5	8477,5	9098,4	10568,2	11905,2	9596,8
Foodstuffs	5,3	62,8	73,3	39,6	191,9	376,3	416,1	754,3	1228,5
Chemical products	0,0	124,9	27,6	6,5	2,5	0,7	0,9	9,0	0,3
Securities	5,5	1382,9	2951,8	249,3	350,5	2394,9	1937,3	1092,7	2032,9
Services	0,3	28,9	52,9	94,6	21,3	67,8	65,7	55,3	42,1
Real estate	257,5	380,9	294,6	221,4	208,7	255,5	694,5	457,6	343,0
Land plots	0,1	0,3	0,5	0,4	10,3	4,0	9,4	8,1	1025,2
Other	8,7	73,4	88,0	108,7	268,8	608,9	2225,6	1099,1	3185,6

**12.5. Exchanges**

(beginning of year)

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

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
<b>mln. KRB</b>									
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
<b>mln. UAH</b>									
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

**12.7. Volume indices of retail trade turnover of enterprises**

(percent)

	1990=100									2007 over 2006
	1995	2000	2001	2002	2003	2004	2005	2006	2007	
<b>Retail trade turnover</b>	<b>36</b>	<b>32</b>	<b>36</b>	<b>42</b>	<b>50</b>	<b>61</b>	<b>76</b>	<b>95</b>	<b>124</b>	<b>129,5</b>
Food products	43	30	31	34	39	47	56	66	77	116,7
foodstuffs	37	22	22	23	26	31	36	43	50	117,6
alcoholic beverages	80	99	109	123	146	182	214	251	286	113,6
Manufactured goods	29	38	46	56	70	86	111	146	201	137,4
Restaurant turnover	35	26	28	31	32	34	36	41	46	114,3

WHOLESALE AND RETAIL TRADE, RESTAURANTS

**12.8. Retail turnover of enterprises, by region**

(mln. UAH)

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(percent)

	1990=100									2007 over 2006
	1995	2000	2001	2002	2003	2004	2005	2006	2007	
<b>All commodities</b>	<b>36</b>	<b>34</b>	<b>39</b>	<b>45</b>	<b>55</b>	<b>67</b>	<b>83</b>	<b>106</b>	<b>138</b>	<b>130</b>
Foodstuffs	43	31	33	37	43	52	61	73	86	117
Manufactured	29	40	49	60	76	95	122	162	224	138

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

(UAH)

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

**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
<b>All commodities</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Foodstuffs	44	63	52	50	48	46	44	42	38	35
Manufactured	56	37	48	50	52	54	56	58	62	65

## WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007		
									total	including	
										food products	manufactured goods
<b>Ukraine</b>	<b>232</b>	<b>585</b>	<b>707</b>	<b>823</b>	<b>1046</b>	<b>1424</b>	<b>2003</b>	<b>2777</b>	<b>3832</b>	<b>1354</b>	<b>2478</b>
Autonomous Republic of Crimea	214	458	595	697	876	1217	1734	2416	3257	1130	2127
<b>oblasts</b>											
Vinnitsya	198	441	527	576	729	966	1314	1747	2336	826	1510
Volyn	184	540	644	752	956	1278	1759	2313	3022	1156	1866
Dnipropetrovsk	218	654	779	974	1261	1741	2418	3341	4684	1641	3043
Donetsk	246	533	641	711	879	1205	1693	2484	3496	1263	2233
Zhytomyr	231	482	543	613	786	1007	1327	1836	2532	932	1600
Zakarpattia	180	590	720	855	1164	1655	2139	2332	2949	971	1978
Zaporizhzhya	320	702	796	898	1075	1521	2076	2687	3686	1370	2316
Ivano-Frankivsk	190	413	466	512	615	793	1124	1636	2264	714	1550
Kyiv	223	546	667	796	890	1227	1705	2692	3820	1455	2365
Kirovohrad	164	436	557	644	769	1025	1364	1906	2677	993	1684
Luhansk	200	391	440	514	623	857	1140	1572	2215	773	1442
Lviv	221	683	779	938	1185	1546	2141	2675	3694	1346	2348
Mykolayiv	222	443	565	676	772	1058	1437	2101	3197	885	2312
Odesa	181	445	561	751	1039	1520	2144	3104	4174	1605	2569
Poltava	241	640	746	798	941	1202	1612	2241	3052	1035	2017
Rivne	202	401	520	695	849	1086	1419	1811	2382	988	1394
Sumy	245	585	733	728	828	1062	1416	1768	2233	873	1360
Ternopil	143	334	411	495	640	857	1187	1560	2043	803	1240
Kharkiv	222	688	877	1003	1277	1690	2380	3249	4391	1744	2647
Kherson	192	439	532	654	902	1225	1613	2223	2990	822	2168
Khmelnyskiy	210	386	489	557	733	943	1306	1832	2484	748	1736
Cherkasy	226	460	513	570	754	1021	1298	1750	2401	776	1625
Chernivtsi	226	515	607	733	952	1208	1578	1991	2960	980	1980
Chernihiv	250	563	648	684	814	1056	1340	1828	2502	1124	1378
<b>cities</b>											
Kyiv	456	1571	1953	2250	3027	4216	6603	9545	13187	4283	8904
Sevastopol	256	573	719	887	1111	1582	2339	3203	4769	1958	2811

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(percent)

	2000=100							2007 over 2006
	2001	2002	2003	2004	2005	2006	2007	
<b>All commodities</b>	<b>114,1</b>	<b>131,9</b>	<b>160,7</b>	<b>197,2</b>	<b>245,1</b>	<b>311,5</b>	<b>405,3</b>	<b>130,1</b>
<b>Foodstuffs</b>	<b>105,3</b>	<b>115,5</b>	<b>134,8</b>	<b>165,0</b>	<b>196,4</b>	<b>233,7</b>	<b>273,4</b>	<b>117,0</b>
meat and meat products	84,6	89,8	115,4	135,0	164,6	209,7	254,2	121,2
butter	110,1	108,8	104,3	128,0	141,6	164,0	167,9	102,4
vegetable oil	122,5	114,9	158,6	250,0	311,0	387,5	441,8	114,0
other fats	122,3	135,3	151,0	185,4	210,6	149,9	154,1	88,0
milk and dairy products	107,9	122,5	139,7	168,8	194,3	229,7	257,7	112,2
rennet, melted and lactic cheese	116,7	140,9	191,9	265,8	324,0	413,4	504,3	122,0
eggs	113,3	159,3	150,7	138,8	148,5	190,8	210,1	110,1
sugar	84,4	97,2	101,7	122,1	127,4	126,5	172,0	136,0
confectionery	109,5	120,5	123,8	148,9	177,8	216,9	244,9	112,9
tea	108,2	135,9	174,8	239,7	308,7	421,7	528,8	125,4
flour, bread and bakery products	86,4	77,3	73,8	71,9	75,1	73,6	71,8	97,5
potatoes	181,5	179,0	227,5	478,2	604,0	512,8	765,6	149,3
vegetables	108,3	93,8	93,2	136,2	161,5	195,3	260,7	133,5
fruitery, berries, fruit, nuts (including watermelons and muskmelons)	106,6	109,1	168,3	267,8	351,9	441,3	512,8	116,2
non-alcoholic beverages	112,6	139,4	164,5	185,4	243,6	342,0	462,7	135,3
alcoholic beverages	110,0	125,0	150,3	189,7	224,0	257,6	291,6	113,2
<b>Manufactured goods</b>	<b>122,4</b>	<b>147,7</b>	<b>186,0</b>	<b>228,8</b>	<b>292,9</b>	<b>386,9</b>	<b>531,6</b>	<b>137,4</b>
fabrics	81,2	69,8	67,1	58,5	60,7	74,8	114,7	153,4
textile clothes and underwear	95,7	94,9	104,3	135,1	198,5	267,8	337,2	125,9
knitted outerwear and underwear	104,1	110,8	136,9	148,5	201,1	252,4	389,2	154,2
hosiery	125,2	100,7	112,2	138,0	211,3	362,6	553,3	152,6
leather, textile, felt and combined footwear	113,2	109,4	144,8	189,4	261,4	395,0	735,1	186,1
detergents for washing, cleaning and caring	134,5	174,9	227,9	291,7	361,4	457,5	553,1	120,9
watches and clocks	112,1	152,5	129,5	112,9	127,8	161,3	222,4	137,9
audio/video equipment	137,0	204,3	261,5	418,4	613,8	1315,4	1862,6	141,6
furniture	103,1	110,1	119,6	177,8	206,4	236,5	275,8	116,6
crookery and flatware	103,0	99,3	142,3	154,0	201,3	235,9	302,9	128,4
jewelry	107,4	118,8	144,5	181,3	205,2	243,8	268,9	110,3

## WHOLESALE AND RETAIL TRADE, RESTAURANTS

## 12.14. Commodity structure of retail trade turnover of enterprises

	2000	2004	2005	2006	2007	2000	2004	2005	2006	2007
	mln. UAH					percent				
<b>All commodities<sup>1</sup></b>	<b>28757,4</b>	<b>67556,1</b>	<b>94332,4</b>	<b>129951,7</b>	<b>178232,6</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
<b>Foodstuffs</b>	<b>14930,7<sup>1</sup></b>	<b>29641,7<sup>1</sup></b>	<b>34939,2</b>	<b>44497,8</b>	<b>56444,4</b>	<b>51,9<sup>1</sup></b>	<b>43,9<sup>1</sup></b>	<b>37,1</b>	<b>34,2</b>	<b>31,6</b>
meat and meat products	1788,1	3800,3	5175,3	6771,0	8447,3	6,2	5,6	5,5	5,2	4,7
fresh and frozen meat and poultry	659,6	1628,4	2317,3	2971,8	3611,9	2,3	2,4	2,5	2,3	2,0
smoked and salted meat and sausage goods	1073,3	2032,9	2684,0	3516,3	4231,5	3,7	3,0	2,8	2,7	2,4
canned meat, ready-to-eat meat products	55,2	139,0	174,0	282,9	603,9	0,2	0,2	0,2	0,2	0,3
fish and fish products	453,3	1125,2	1555,3	1917,5	2624,6	1,5	1,7	1,6	1,5	1,5
fish and sea foods	333,9	836,2	1171,0	1417,9	1892,9	1,1	1,3	1,2	1,1	1,1
canned fish and ready-to-eat fish products	119,4	289,0	384,3	499,6	731,7	0,4	0,4	0,4	0,4	0,4
canned vegetables, and fruit and berries	160,9	593,8	742,1	873,0	990,1	0,6	0,9	0,8	0,7	0,6
fats	543,3	1101,0	1309,7	1343,9	1663,5	1,9	1,6	1,3	1,0	0,9
butter	242,0	356,8	409,5	506,3	636,2	0,8	0,5	0,4	0,4	0,3
vegetable oil	114,2	339,9	416,1	484,8	672,5	0,4	0,5	0,4	0,4	0,4
other fats (other animal fats, margarine)	187,1	404,3	484,1	352,8	354,8	0,7	0,6	0,5	0,2	0,2
milk and dairy products	626,6	1399,9	1809,0	2338,7	3083,7	2,2	2,1	1,9	1,8	1,7
rennet cheese, processed and lactic cheese	187,8	595,1	847,7	1137,1	1642,9	0,7	0,9	0,9	0,9	0,9
eggs	231,7	402,5	441,5	482,3	685,5	0,8	0,6	0,5	0,4	0,4
sugar	253,9	363,0	432,2	508,1	548,0	0,9	0,5	0,5	0,4	0,3
confectionery	1231,5	2281,5	2799,5	3649,4	4479,9	4,3	3,4	3,0	2,8	2,5
tea	100,3	261,9	338,2	482,5	643,8	0,3	0,4	0,4	0,4	0,4
coffee	129,1	454,8	628,5	865,8	1091,7	0,4	0,7	0,7	0,7	0,6
salt	28,5	31,5	37,4	46,5	51,2	0,1	0,0	0,0	0,0	0,0
bread and bakery products	1898,2	1714,9	1699,2	1802,5	2009,4	6,6	2,5	1,8	1,4	1,1
flour, cereals and macaroni	587,6	852,9	853,9	1165,0	1504,2	2,0	1,3	0,9	0,9	0,8
flour	257,1	295,7	205,0	211,4	271,8	0,9	0,4	0,2	0,2	0,2
cereals and legumes	180,7	316,5	372,1	513,6	618,3	0,6	0,5	0,4	0,4	0,3
macaroni	149,8	240,7	276,8	440,0	614,1	0,5	0,4	0,3	0,3	0,3
potatoes	72,4	194,6	190,0	286,0	389,0	0,3	0,3	0,2	0,2	0,2
vegetables	166,3	369,1	500,8	748,2	1019,5	0,6	0,5	0,5	0,6	0,6
fruitery, berries, fruit, nuts (including watermelons and muskmelons)	143,2	470,9	684,6	1128,3	1528,0	0,5	0,7	0,7	0,8	0,9
other foodstuffs	6328,0	13628,8	14894,3	18952,0	24042,1	22,0	20,2	15,9	14,5	13,5
<b>Foodstuffs in restaurants network</b>	<b>×</b>	<b>×</b>	<b>4282,1</b>	<b>5204,5</b>	<b>6550,5</b>	<b>×</b>	<b>×</b>	<b>4,5</b>	<b>4,0</b>	<b>3,7</b>
<b>Manufactured goods</b>	<b>13826,7</b>	<b>37914,4</b>	<b>55111,1</b>	<b>80249,4</b>	<b>115237,7</b>	<b>48,1</b>	<b>56,1</b>	<b>58,4</b>	<b>61,8</b>	<b>64,7</b>
fabrics	110,4	69,6	73,4	91,7	143,3	0,4	0,1	0,1	0,1	0,1
textile clothes and underwear, head gear and leather clothes, fur and fur items	426,2	677,3	968,6	1397,9	1686,4	1,5	1,0	1,0	1,1	1,0
textile clothes and underwear	353,0	507,4	755,3	1035,0	1322,3	1,2	0,7	0,8	0,8	0,8
leather clothes, fur and fur items	21,3	34,1	22,7	40,4	41,3	0,1	0,1	0,0	0,0	0,0



WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.14 is continued

	2000	2004	2005	2006	2007	2000	2004	2005	2006	2007
	mln. UAH					percent				
textile for household use and interior	43,3	129,8	181,9	315,5	313,7	0,2	0,2	0,2	0,3	0,2
head gear	8,6	6,0	8,7	7,0	9,1	0,0	0,0	0,0	0,0	0,0
knitted outerwear and underwear, hosiery	160,0	249,5	355,9	503,6	793,8	0,5	0,4	0,4	0,4	0,5
knitted outerwear and underwear	119,4	188,7	260,3	333,5	525,0	0,4	0,3	0,3	0,3	0,3
hosiery	40,6	60,8	95,6	170,1	268,8	0,1	0,1	0,1	0,1	0,2
footwear	222,8	437,9	614,6	945,7	1778,3	0,8	0,6	0,6	0,7	1,0
leather textile combined including sporting	216,7	429,1	598,8	920,0	1737,7	0,8	0,6	0,6	0,7	1,0
rubber and polymer	6,1	8,8	15,8	25,7	40,6	0,0	0,0	0,0	0,0	0,0
detergents for washing, cleaning and caring	324,0	1008,2	1305,9	1732,9	2213,3	1,1	1,5	1,4	1,3	1,2
toiletries	367,1	945,9	1598,3	2148,3	3077,5	1,3	1,4	1,7	1,7	1,7
harberdashery and threads	108,7	123,3	147,1	221,6	279,3	0,4	0,2	0,2	0,2	0,2
matches	12,8	18,9	20,6	23,5	25,1	0,0	0,0	0,0	0,0	0,0
household, cultural and general use goods	2778,8	7471,7	10883,1	15214,4	21093,0	9,7	11,1	11,5	11,7	11,8
including										
watches and clocks	35,9	42,6	48,9	62,7	88,1	0,1	0,1	0,1	0,1	0,0
audio/video equipment	371,7	1564,8	2288,8	4738,2	6527,1	1,3	2,3	2,4	3,7	3,7
sporting goods including bicycles	55,3	79,4	114,2	171,2	245,9	0,2	0,1	0,1	0,1	0,1
games and toys	41,1	84,8	135,4	229,9	356,0	0,1	0,1	0,1	0,2	0,2
photo equipment	55,0	115,5	196,2	297,0	418,6	0,2	0,2	0,2	0,2	0,2
paper products and office supplies	91,0	148,0	223,9	294,1	300,1	0,3	0,2	0,2	0,2	0,2
stationery	126,3	182,8	210,8	261,5	282,9	0,4	0,3	0,2	0,2	0,2
computer and computing machines	114,3	520,0	805,3	1173,7	1911,0	0,4	0,8	0,9	0,9	1,1
printed and electronic books, newspapers, magazines	546,7	973,1	1180,0	1521,4	1764,9	1,9	1,4	1,3	1,2	1,0
electric appliances	499,1	2025,1	3026,3	3943,2	5862,0	1,7	3,0	3,2	3,0	3,3
motorcycles, scooters and motor bikes	5,3	25,3	28,4	34,0	38,8	0,0	0,0	0,0	0,0	0,0
furniture	306,9	574,4	699,8	819,3	980,2	1,1	0,9	0,8	0,6	0,5
carpets and surfacing for floor and walls	47,4	63,0	85,4	333,0	664,2	0,2	0,1	0,1	0,3	0,4
crockery and flatware	267,5	345,3	464,6	557,9	737,0	1,0	0,5	0,5	0,4	0,4
other manufactured goods	9315,9	26912,1	39143,6	57969,8	84147,7	32,4	39,8	41,5	44,6	47,2
including										
window glass, timber, lumber, cement, bricks and other	739,5	2142,3	3229,1	4305,1	6420,6	2,6	3,2	3,4	3,3	3,6
gasoline	3294,6	9068,9	12196,9	15244,2	19016,8	11,5	13,4	12,9	11,7	10,7
pharmaceuticals	2052,7	4611,2	6200,8	7305,4	9563,6	7,1	6,8	6,6	5,6	5,4

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.15 is continued

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

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

<sup>1</sup> 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
Alcoholic beverages										
in physical terms, mln. dal										
vodka and distilled alcoholic beverages	31	15	11	12	12	14	17	19	19	20
low alcohol beverages	...	...	2	3	3	4	4	5	5	6
wines	28	9	5	6	6	7	8	9	10	11
cognac	1	0,6	0,9	1	1	1	1	2	2	2
sparkling wines (champagne)	3	1	2	2	2	3	3	4	4	4
beer	133	36	28	30	33	36	42	51	61	68
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
Tobacco products, bln. pcs	...	10,4	14,3	19,7	24,1	33,3	41,2	46,3	46,9	51,3

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

<sup>1</sup> 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
Refrigerators and freezers	887	176	78	107	139	160	246	354	473	653
Washing machines	1039	67	61	72	118	160	290	400	494	571
Vacuum cleaners	762	70	65	88	142	203	335	536	670	789
TV sets	1682	126	156	201	330	383	586	885	1074	1235
Radio devices	1505	118	40	57	85	81	93	128	169	180
Photo cameras	407	23	70	91	103	110	133	187	253	378
Sewing machines	277	5	1	2	2	2	2	3	11	27
Motor cars	371	49	28	32	44	65	75	149 <sup>1</sup>	250 <sup>1</sup>	373 <sup>1</sup>
Mobile telephones	...	...	...	...	...	...	...	...	2981	3238

<sup>1</sup> 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		2004		2005		2006		2007	
	units	percent of total	units	percent of total	units	percent of total	units	percent of total	units	percent of total
<b>Retail trade in transportation means</b>										
<b>Total</b>	<b>1396</b>	<b>100,0</b>	<b>1383</b>	<b>100,0</b>	<b>1276</b>	<b>100,0</b>	<b>1298</b>	<b>100,0</b>	<b>1315</b>	<b>100,0</b>
including enterprises that sell mainly										
automobiles	82	5,9	148	10,7	169	13,2	226	17,4	284	21,6
automobile goods	495	35,4	348	25,2	297	23,3	276	21,3	271	20,6
fuel	819	58,7	887	64,1	810	63,5	796	61,3	760	57,8
<b>Retail trade (excluding trade in transportation means)</b>										
<b>Total</b>	<b>21974</b>	<b>100,0</b>	<b>16372</b>	<b>100,0</b>	<b>14959</b>	<b>100,0</b>	<b>14207</b>	<b>100,0</b>	<b>13340</b>	<b>100,0</b>
including enterprises that sell mainly										
foodstuffs										
in specialised shops	1558	7,1	943	5,8	839	5,6	863	6,1	865	6,5
in non-specialised shops	10636	48,4	8349	51,0	7690	51,4	7246	51,0	6792	50,9
manufactured goods										
in specialised shops	7039	32,0	5410	33,0	4998	33,4	4841	34,1	4572	34,3
in non-specialised shops	2312	10,5	1419	8,7	1219	8,2	1070	7,5	932	7,0
not through shops	429	2,0	251	1,5	213	1,4	187	1,3	179	1,3
<b>Restaurant activity</b>										
<b>Total</b>	<b>4849</b>	<b>100,0</b>	<b>5032</b>	<b>100,0</b>	<b>4718</b>	<b>100,0</b>	<b>4591</b>	<b>100,0</b>	<b>4468</b>	<b>100,0</b>
activity of restaurants	468	9,7	499	9,9	526	11,1	582	12,7	615	13,8
activity of cafes	2906	59,9	3231	64,2	3022	64,1	2875	62,6	2779	62,2
activity of bars	766	15,8	774	15,4	682	14,5	658	14,3	618	13,8
activity of canteens and supply of ready-to-eat meals	709	14,6	528	10,5	488	10,3	476	10,4	456	10,2
<b>Other economic activities</b>										
<b>Total</b>	<b>15839</b>	<b>×</b>	<b>17050</b>	<b>×</b>	<b>16448</b>	<b>×</b>	<b>15682</b>	<b>×</b>	<b>15310</b>	<b>×</b>

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

**12.22. Consumer goods markets**

(end of year; units)

1990	1995	2000	2001	2002	2003	2004	2005	2006	2007			
									total	including		
										food-stuffs	manufactured goods	mixed goods
1576	1282	2514	2715	2863	2891	2869	2886	2890	2834	477	712	1645

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	2004	2005	2006	2007	1990	1995	2000	2004	2005	2006	2007
<b>Ukraine</b>	<b>145,7</b>	<b>133,7</b>	<b>103,2</b>	<b>78,5</b>	<b>75,2</b>	<b>73,6</b>	<b>71,9</b>	<b>62,7</b>	<b>40,3</b>	<b>33,1</b>	<b>27,9</b>	<b>27,3</b>	<b>26,8</b>	<b>26,1</b>
Autonomous Republic of Crimea	6,4	4,8	4,6	3,8	3,6	3,5	3,5	2,4	1,3	1,4	1,5	1,7	1,8	1,7
<b>oblasts</b>														
Vinnitsya	6,4	5,8	4,2	3,3	3,3	3,2	3,0	2,2	1,6	1,0	0,9	1,4	1,3	1,3
Volyn	3,1	3,4	2,4	2,0	1,9	1,9	1,8	1,5	1,2	1,3	1,2	1,2	1,1	1,0
Dnipro-petrovsk	8,3	8,1	6,4	5,2	5,1	5,0	4,7	4,2	2,8	2,0	1,7	1,6	1,5	1,5
Donetsk	11,7	10,6	8,9	6,2	5,9	5,9	6,0	5,8	3,7	2,9	2,2	2,1	2,0	2,0
Zhytomyr	5,0	4,6	3,4	2,5	2,4	2,3	2,3	2,0	1,4	1,0	0,8	0,7	0,7	0,7
Zakarpattia	3,8	3,5	2,9	2,4	2,1	2,1	2,0	2,1	1,5	1,2	0,9	0,8	0,8	0,7
Zaporizhzhya	5,0	4,3	3,8	3,0	2,8	2,8	2,7	2,4	1,6	1,3	1,0	0,9	0,9	0,9
Ivano-Frankivsk	4,4	4,4	3,0	2,0	1,9	1,9	1,9	2,1	1,6	1,0	0,9	0,8	0,8	0,8
Kyiv	5,4	4,6	3,9	3,0	2,9	2,9	2,9	2,0	1,4	1,3	1,0	1,0	1,0	0,9
Kirovohrad	4,2	3,7	2,8	2,2	2,1	2,1	2,0	1,4	1,0	0,7	0,6	0,5	0,5	0,5
Luhansk	7,4	6,0	4,2	3,2	3,0	2,9	2,9	3,3	1,9	1,3	1,1	1,0	0,9	0,8
Lviv	7,5	8,1	7,3	5,4	5,2	5,0	4,8	3,8	3,2	2,5	2,1	2,2	2,3	2,1
Mykolayiv	4,3	3,9	2,9	2,2	2,0	1,9	1,9	1,5	1,2	1,0	0,8	0,8	0,7	0,6
Odesa	7,7	6,5	5,4	4,2	4,0	3,8	3,6	3,1	1,6	1,4	1,3	1,2	1,2	1,2
Poltava	6,3	5,8	4,2	3,1	3,0	2,9	2,9	2,3	1,5	1,3	1,0	0,9	0,9	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	0,7	0,6	0,6
Sumy	5,1	3,9	3,2	2,1	1,8	1,8	1,7	1,7	0,9	0,7	1,0	1,0	1,0	1,0
Ternopil	3,9	4,3	2,3	1,6	1,5	1,4	1,3	1,6	0,9	0,9	0,6	0,6	0,9	0,9
Kharkiv	7,3	9,0	5,9	4,4	4,0	4,0	3,9	3,6	2,1	2,1	1,7	1,5	1,4	1,7
Kherson	4,0	3,6	2,6	2,0	1,9	1,8	1,8	1,5	1,0	0,8	0,6	0,5	0,5	0,5
Khmelnyskiy	5,4	5,1	3,7	2,6	2,5	2,3	2,2	1,7	1,1	1,1	0,7	0,7	0,6	0,5
Cherkasy	4,6	3,6	3,1	2,2	2,1	2,0	2,0	1,9	1,0	0,9	0,6	0,6	0,5	0,5
Chernivtsi	2,7	2,5	1,7	1,2	1,2	1,1	1,1	1,2	0,8	0,6	0,5	0,4	0,4	0,3
Chernihiv	5,1	4,7	3,8	2,7	2,5	2,5	2,4	1,5	0,9	0,9	0,8	0,8	0,7	0,7
<b>cities</b>														
Kyiv	3,6	3,0	3,6	3,4	3,9	4,1	4,0	2,8	1,1	1,3	1,4	1,4	1,4	1,5
Sevastopol	0,7	0,6	0,8	0,9	0,9	0,8	0,9	0,3	0,2	0,3	0,3	0,3	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	2004	2005	2006	2007	1990	1995	2000	2004	2005	2006	2007
<b>Ukraine</b>	<b>11300</b>	<b>10950</b>	<b>7029</b>	<b>5976</b>	<b>6359</b>	<b>6847</b>	<b>7493</b>	<b>4467</b>	<b>2815</b>	<b>1916</b>	<b>1694</b>	<b>1693</b>	<b>1681</b>	<b>1674</b>
Autonomous Republic of Crimea	459	384	268	242	230	234	258	169	91	80	81	77	77	76
<b>oblasts</b>														
Vinnitsya	444	458	246	202	217	225	223	142	101	66	58	96	92	91
Volyn	240	227	147	129	136	138	147	87	80	69	72	71	69	65
Dnipropetrovsk	742	775	543	493	543	613	677	356	228	136	119	114	113	107
Donetsk	1171	1187	756	532	556	668	713	450	299	208	158	151	152	149
Zhytomyr	357	336	238	182	185	186	186	123	92	62	52	51	49	49
Zakarpattia	282	284	182	146	131	146	143	132	81	51	43	38	36	33
Zaporizhzhya	431	401	269	233	238	277	321	170	106	73	57	55	51	48
Ivano-Frankivsk	286	290	158	115	124	142	169	144	102	50	47	42	41	41
Kyiv	437	390	250	199	207	237	259	131	96	78	68	66	67	65
Kirovohrad	310	281	156	134	131	134	140	93	69	43	39	38	37	38
Luhansk	641	596	315	232	238	247	297	244	149	87	73	73	68	65
Lviv	527	518	406	344	356	414	426	259	208	128	106	118	122	117
Mykolayiv	304	312	171	142	151	170	236	102	74	53	40	38	34	34
Odesa	499	482	322	321	474	400	423	222	92	67	67	65	65	67
Poltava	429	394	241	182	177	210	238	151	94	59	57	55	53	44
Rivne	276	284	146	115	122	140	166	98	64	56	50	46	44	45
Sumy	361	293	218	157	139	134	142	119	70	37	65	65	66	66
Ternopil	264	289	137	97	91	90	99	90	53	39	31	30	49	50
Kharkiv	595	566	412	353	383	440	484	289	157	122	95	92	90	120
Kherson	280	289	158	149	148	159	167	99	55	35	27	25	23	24
Khmelnyskiy	404	424	233	181	187	176	204	126	73	59	45	43	39	38
Cherkasy	383	342	225	152	151	151	154	128	73	49	38	32	31	31
Chernivtsi	180	171	103	82	78	72	106	83	49	37	30	30	28	25
Chernihiv	350	319	234	173	168	171	168	92	58	49	41	41	42	39
<b>cities</b>														
Kyiv	411	445	427	598	714	775	830	269	125	108	121	127	130	134
Sevastopol	65	70	68	91	84	98	117	34	22	15	14	14	13	13

### 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), change the status of the units which consume these services.

The **amounts 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.

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 <sup>1</sup>						Average number of payroll employees as of January 1, 2008, persons
	2002 <sup>2</sup>	2003	2004	2005	2006	2007	
<b>Ukraine</b>	<b>46971,0<sup>3</sup></b>	<b>56718,5<sup>4</sup></b>	<b>74406,2<sup>4</sup></b>	<b>95832,3<sup>4</sup></b>	<b>120910,2<sup>4</sup></b>	<b>159638,1<sup>4</sup></b>	<b>1866191<sup>4</sup></b>
Autonomous Republic of Crimea	2341,0	2949,7	3639,6	4342,9	5322,4	6787,2	113905
<b>oblasts</b>							
Vinnitsya	800,4	817,6	979,0	1276,2	1629,0	1936,0	54722
Volyn	398,9	525,4	721,1	949,0	1219,7	1534,9	28298
Dnipropetrovsk	2972,6	3313,2	4072,4	5059,1	6669,9	8096,9	148879
Donetsk	3121,6	3789,9	5305,8	7256,4	9142,3	11725,9	176156
Zhytomyr	397,2	445,5	576,9	755,5	949,4	1175,2	34496
Zakarpattia	493,7	600,9	681,7	924,3	1319,7	1667,4	32489
Zaporizhzhya	1177,3	1426,0	1855,1	2265,3	2682,0	3490,2	62657
Ivano-Frankivsk	688,5	570,5	676,4	917,5	1164,7	1485,6	29180
Kyiv <sup>5</sup>	821,5	1009,4	1555,4	1992,1	2661,7	3852,3	57882
Kirovohrad	662,8	764,4	1006,6	1253,7	1662,7	2021,8	33203
Luhansk	1074,3	1130,1	1549,9	2039,8	2657,0	3420,4	73038
Lviv	2789,1	3546,0	3915,9	5280,3	6322,7	7334,9	124599
Mykolayiv	1051,8	1122,6	1396,4	1638,4	2187,4	2532,1	39093
Odesa	5320,7	6164,5	7523,6	9085,1	10822,7	13232,1	141589
Poltava	738,2	804,8	1028,3	1407,6	1815,3	2449,7	52291
Rivne	601,5	725,7	874,3	1091,7	1392,0	1685,0	33367
Sumy	458,9	550,4	754,6	957,3	1191,5	1553,1	36301
Ternopil	324,0	355,9	500,8	609,2	774,2	961,5	24963
Kharkiv	2168,5	2866,4	3689,1	4724,2	6016,0	7828,1	132624
Kherson	768,1	873,3	1163,5	1380,5	1624,3	1988,0	35573
Khmelnyskiy	457,8	529,0	668,7	739,0	896,7	1166,8	27373

# SERVICES

Table 13.1 is continued

	Services sold <sup>1</sup>						Average number of payroll employees as of January 1, 2008, persons
	2002 <sup>2</sup>	2003	2004	2005	2006	2007	
Cherkasy	661,4	690,1	786,3	1038,3	1301,3	1617,3	31634
Chernivtsi	391,7	409,3	481,3	641,7	778,5	978,9	19585
Chernihiv cities	418,2	487,9	635,9	862,9	1108,7	1315,6	27343
Kyiv	9565,6	12630,0	19376,5	27562,6	35897,8	51135,3	236655
Sevastopol	376,5	442,3	588,2	742,7	877,3	1036,8	13794

<sup>1</sup> Including VAT

<sup>2</sup> In 2002 the survey did not cover research organizations

<sup>3</sup> Includes undistributed by region services related to transportation of gas, oil, ammonia, services provided by enterprises *Airlines of Ukraine, Aerosvit, airport Borispol* and the number of regular employees in these enterprises

<sup>4</sup> Includes undistributed by region services related to education, transportation of gas, oil, ammonia, services provided by *Airlines of Ukraine, Aerosvit, airport Borispol* and the number of regular employees in these enterprises

<sup>5</sup> Excluding enterprises *Airlines of Ukraine, Aerosvit, airport Borispol*

In addition, in 2007 the services sold at market prices by budget-funded enterprises (establishments) valued at 6738,7 UAH mln.

## 13.2. Services sold to the population, by region

	Services sold to the population <sup>1</sup> , mln. UAH			Share of services sold to the population of total services sold, percent			Services sold per capita, UAH		
	2002	2006	2007	2002	2006	2007	2002	2006	2007
<b>Ukraine</b>	<b>13589,6<sup>2</sup></b>	<b>33327,3<sup>3</sup></b>	<b>43345,4<sup>3</sup></b>	<b>28,9</b>	<b>27,6</b>	<b>27,2</b>	<b>282</b>	<b>728</b>	<b>932</b>
Autonomous Republic of Crimea	932,5	2077,8	2580,7	39,8	39,0	38,0	456	1040	1292
oblasts									
Vinnitsya	200,7	491,8	574,6	25,1	30,2	29,7	114	293	342
Volyn	189,7	394,7	475,9	47,5	32,4	31,0	179	409	459
Dnipropetrovsk	955,6	2117,6	2361,9	32,1	31,7	29,2	269	615	692
Donetsk	932,8	2582,4	2929,3	29,9	28,2	25,0	194	574	642
Zhytomyr	171,6	357,2	418,9	43,2	37,6	35,6	124	276	319
Zakarpattia	148,4	366,2	461,1	30,1	27,8	27,7	118	306	371
Zaporizhzhya	530,0	988,9	1202,3	45,0	36,9	34,4	276	588	653
Ivano-Frankivsk	165,0	384,0	480,1	24,0	33,0	32,3	117	280	347
Kyiv <sup>4</sup>	226,9	604,4	851,2	27,6	22,7	22,1	125	344	488
Kirovohrad	156,2	357,1	431,2	23,6	21,5	21,3	139	343	412
Luhansk	326,1	823,6	1027,5	30,4	31,0	30,0	129	352	434
Lviv	811,2	1571,5	1792,6	29,1	24,9	24,4	310	626	699
Mykolayiv	249,3	471,8	557,9	23,7	21,6	22,0	198	409	462
Odesa	892,5	1954,7	2239,5	16,8	18,1	16,9	363	813	935
Poltava	263,8	540,6	680,3	35,7	29,8	27,8	163	400	444
Rivne	179,9	370,8	424,7	29,9	26,6	25,2	154	333	368
Sumy	208,1	424,4	564,6	45,4	35,6	36,3	161	383	469
Ternopil	137,4	298,0	334,2	42,4	38,5	34,8	121	275	303
Kharkiv	1033,0	1980,2	2452,5	47,6	32,9	31,3	356	722	875
Kherson	188,6	468,9	567,8	24,6	28,9	28,6	162	433	510
Khmelnyskiy	219,7	365,4	433,2	48,0	40,7	37,1	154	293	319
Cherkasy	213,7	483,4	590,9	32,3	37,1	36,5	153	366	447
Chernivtsi	168,9	353,5	404,7	43,1	45,4	41,3	184	408	447
Chernihiv cities	149,6	354,4	422,5	35,8	32,0	32,1	121	311	369
Kyiv	2972,8	10139,9	15308,4	31,1	28,2	29,9	1136	3796	5609
Sevastopol	134,9	261,5	315,9	35,8	29,8	30,5	377	734	886

<sup>1</sup> See the first footnote to Table 13.1

<sup>2</sup> Includes services related to transportation of gas not distributed by region

<sup>3</sup> Includes undistributed by region services related to education, transportation of gas, services provided by *Airlines of Ukraine, Aerosvit, airport Borispol*

<sup>4</sup> See the fifth footnote to Table 13.1

SERVICES

**13.3. Services, by type of economic activity**

(mln. UAH)

	Services sold <sup>1</sup>						Services sold to the population <sup>1</sup>					
	2002	2003	2004	2005	2006	2007	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>46971,0</b>	<b>56718,5</b>	<b>74406,2</b>	<b>95832,3</b>	<b>120910,2</b>	<b>159638,1</b>	<b>13589,6</b>	<b>16342,1</b>	<b>20459,6</b>	<b>27376,9</b>	<b>33327,3</b>	<b>43345,4</b>
of which												
Trade; repair of motor vehicles, household appliances and personal demand items	319,3	366,3	515,3	656,7	884,9	1326,1	134,0	139,9	169,9	221,6	291,9	453,9
maintenance and servicing of motor vehicles, motorcycles	242,0	286,7	420,6	531,0	714,2	1122,7	90,0	98,1	123,3	166,4	235,3	388,9
repair of household appliances and personal demand items	77,3	79,6	94,7	125,7	170,7	203,4	44,0	41,8	46,6	55,2	56,6	65,0
Activity of hotels and restaurants	790,3	932,1	1261,4	1633,3	2199,0	2925,2	465,5	564,9	793,0	1024,8	1362,1	1882,0
activity of hotels and supply of other places for staying	790,3	932,1	1261,4	1633,3	2199,0	2925,2	465,5	564,9	793,0	1024,8	1362,1	1882,0
Activity of transport and communications	34947,6	40842,8	51445,6	63979,3	79239,8	99389,0	8621,2	10364,3	12885,8	17811,1	21762,0	26909,3
activity of transport	21883,0	24087,8	29474,0	34294,9	40473,3	51849,3	3576,9	4173,9	5094,4	7207,2	7537,5	9605,2
services in traveling	400,4	526,7	789,8	963,9	1219,0	1645,4	191,0	248,7	354,7	474,1	636,0	865,6
cargo transportation management	1028,9	1520,4	2064,3	2758,3	3679,8	5092,8	37,8	18,2	15,1	20,3	25,6	52,1
activity of mail and communications	11635,3	14707,9	19117,5	25962,2	33867,7	40801,5	4815,5	5923,5	7421,6	10109,5	13562,9	16386,4
Real estate transactions, renting, engineering and provision of services to businessmen	6530,3	9085,1	14071,1	20055,1	26732,1	40160,7	1844,5	2157,2	2576,1	3164,6	3784,7	5341,0

# SERVICES

Table 13.3 is continued

	Services sold <sup>1</sup>						Services sold to the population <sup>1</sup>					
	2002	2003	2004	2005	2006	2007	2002	2003	2004	2005	2006	2007
real estate transactions	2217,0	2833,0	3663,8	5152,8	7041,5	10798,4	1329,6	1577,3	1802,4	2270,8	2784,4	4018,5
renting of machinery and equipment	124,6	224,0	388,8	722,0	905,5	1302,4	5,2	20,3	16,2	11,3	27,2	15,1
hiring of household appliances and personal demand items	10,8	10,4	10,4	11,8	14,4	16,9	9,6	8,6	7,2	6,9	9,6	10,9
informatization activity	466,1	579,9	941,4	1183,3	1595,6	2417,0	47,9	101,2	142,3	139,2	160,6	206,1
maintenance, repair of office and computer equipment	80,7	105,8	132,7	168,3	200,4	258,4	2,8	2,8	3,2	7,0	4,6	4,9
research and development <sup>2</sup>	—	623,0	1297,8	1672,3	1969,9	2431,0	—	10,6	21,7	32,3	22,5	28,8
activity in legislation	652,5	776,9	1238,6	1845,5	2412,2	4634,1	93,6	81,3	58,2	66,4	96,2	125,9
activity in engineering, geology and land-surveying	1110,5	1539,8	2282,4	3246,5	4123,3	5810,9	168,8	209,3	338,6	423,4	490,5	696,7
technical testing and research	163,8	213,3	318,4	379,0	503,3	632,3	7,4	9,8	13,8	15,8	11,5	17,8
advertising activity	622,5	854,9	1694,6	2857,7	4190,8	6714,2	13,8	8,1	10,7	10,8	10,6	16,3
recruitment and staffing	50,7	63,3	76,5	124,6	154,3	224,6	12,9	13,1	16,8	21,5	19,4	22,5
making an investigation and safeguarding	507,1	630,5	1076,2	1396,4	1639,1	2338,5	11,6	8,9	30,7	33,8	16,7	38,2
cleaning of industrial and residential premises, equipment and means of transport	16,1	27,7	57,6	102,8	144,9	205,3	1,0	0,7	0,7	4,7	13,1	12,6
activity in photography	40,2	42,9	37,7	39,8	35,0	32,2	32,8	31,9	31,7	33,3	28,1	22,3
packing	8,2	13,0	14,7	35,6	46,0	50,9	0,1	0,3	0,0	0,0	3,7	1,2

# SERVICES

Table 13.3 is continued

	Services sold <sup>1</sup>						Services sold to the population <sup>1</sup>					
	2002	2003	2004	2005	2006	2007	2002	2003	2004	2005	2006	2007
provision of secretarial and translation services	10,4	10,9	16,3	16,5	21,8	30,3	5,3	4,5	7,0	2,4	2,2	2,3
provision of other commercial services	449,1	535,8	823,2	1100,2	1734,1	2263,3	102,1	68,5	74,9	85,0	83,8	100,9
Education	1156,2	1298,9	1573,5	1940,4	1896,2	2350,5	1014,1	1162,2	1414,1	1736,6	1676,0	2062,7
Health care and provision of social aid	1345,9	1635,4	2002,0	2511,0	2962,8	3797,4	563,6	691,5	849,3	1175,1	1458,8	1966,5
activity in health care of human beings	1317,4	1614,5	1977,2	2485,7	2954,1	3786,9	543,2	678,2	836,7	1161,2	1453,5	1960,1
veterinary activity	28,0	20,5	24,5	24,5	8,3	10,0	20,1	12,9	12,3	13,1	4,9	5,9
provision of social aid	0,5	0,4	0,3	0,8	0,4	0,5	0,3	0,4	0,3	0,8	0,4	0,5
Provision of communal and individual services; cultural and sporting activity	1881,4	2557,9	3537,3	5056,5	6995,4	9689,2	946,7	1262,1	1771,4	2243,1	2991,8	4730,0
sanitary services, street cleaning and refuse disposal	477,6	567,1	725,2	891,5	1089,1	1536,0	86,3	100,4	105,2	135,8	187,2	275,4
cultural, sporting, recreational and entertainment activities	1003,1	1542,5	2276,6	3546,1	5235,6	7318,1	589,4	845,0	1286,2	1670,6	2314,7	3869,2
provision of individual services	365,8	424,8	507,9	581,9	654,8	814,4	265,9	314,9	377,8	434,6	487,8	583,0

<sup>1</sup> See the first footnote to Table 13.1

<sup>2</sup> 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	2003	2004	2005	2006	2007	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
of which												
Trade; repair of motor vehicles, household appliances and personal demand items	0,7	0,6	0,7	0,7	0,7	0,8	1,0	0,9	0,8	0,8	0,9	1,1
maintenance and servicing of motor vehicles, motorcycles	0,5	0,5	0,6	0,6	0,6	0,7	0,7	0,6	0,6	0,6	0,7	0,9
repair of household appliances and personal demand items	0,2	0,1	0,1	0,1	0,1	0,1	0,3	0,3	0,2	0,2	0,2	0,2
Activity of hotels and restaurants	1,7	1,7	1,7	1,7	1,8	1,8	3,4	3,5	3,9	3,7	4,1	4,3
activity of hotels and supply of other places for staying	1,7	1,7	1,7	1,7	1,8	1,8	3,4	3,5	3,9	3,7	4,1	4,3
Activity of transport and communications	74,4	72,0	69,2	66,8	65,6	62,3	63,4	63,4	63,0	65,0	65,3	62,1
activity of transport	46,6	42,5	39,6	35,8	33,5	32,5	26,3	25,5	24,9	26,3	22,6	22,2
services in traveling	0,8	0,9	1,1	1,0	1,0	1,0	1,4	1,5	1,7	1,7	1,9	2,0
cargo transportation management	2,2	2,7	2,8	2,9	3,1	3,2	0,3	0,1	0,1	0,1	0,1	0,1
activity of mail and communications	24,8	25,9	25,7	27,1	28,0	25,6	35,4	36,3	36,3	36,9	40,7	37,8
Real estate transactions, renting, engineering and provision of services to businessmen	13,9	16,0	18,9	21,0	22,0	25,1	13,6	13,2	12,5	11,5	11,3	12,3
real estate transactions	4,7	5,0	4,9	5,4	5,8	6,8	9,8	9,6	8,8	8,3	8,3	9,3
renting of machinery and equipment	0,3	0,4	0,5	0,8	0,8	0,8	0,0	0,1	0,1	0,0	0,1	0,0
hiring of household appliances and personal demand items	0,0	0,0	0,0	0,0	0,0	0,0	0,1	0,1	0,0	0,0	0,0	0,0
informatization activity	1,0	1,0	1,3	1,2	1,3	1,5	0,4	0,6	0,7	0,5	0,5	0,5
maintenance, repair of office and computer equipment	0,2	0,2	0,2	0,2	0,2	0,2	0,0	0,0	0,0	0,0	0,0	0,0
research and development <sup>1</sup>	—	1,1	1,7	1,8	1,6	1,5	—	0,1	0,1	0,1	0,1	0,1
activity in legislation	1,4	1,4	1,7	1,9	2,0	2,9	0,7	0,5	0,3	0,3	0,3	0,3

# SERVICES

Table 13.4 is continued

	Services sold						Services sold to the population					
	2002	2003	2004	2005	2006	2007	2002	2003	2004	2005	2006	2007
activity in engineering, geology and land-surveying	2,4	2,7	3,1	3,4	3,4	3,7	1,2	1,3	1,6	1,6	1,5	1,6
technical testing and research	0,3	0,4	0,4	0,4	0,4	0,4	0,1	0,1	0,1	0,1	0,0	0,0
advertising activity	1,3	1,5	2,3	3,0	3,5	4,2	0,1	0,0	0,0	0,0	0,0	0,0
recruitment and staffing	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
making an investigation and safeguarding	1,1	1,1	1,4	1,5	1,4	1,5	0,1	0,1	0,2	0,1	0,1	0,1
cleaning of industrial and residential premises, equipment and means of transport	0,0	0,0	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	0,1	0,0	0,0	0,0	0,2	0,2	0,1	0,1	0,1	0,1
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	1,0	1,1	1,2	1,4	1,4	0,8	0,4	0,4	0,3	0,2	0,2
Education	2,4	2,3	2,1	2,0	1,6	1,5	7,5	7,1	7,0	6,4	5,0	4,8
Health care and provision of social aid	2,9	2,9	2,7	2,6	2,5	2,4	4,1	4,2	4,2	4,4	4,4	4,5
activity in health care of human beings	2,8	2,9	2,7	2,6	2,5	2,4	4,0	4,1	4,1	4,3	4,4	4,5
veterinary activity	0,1	0,0	0,0	0,0	0,0	0,0	0,1	0,1	0,1	0,1	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	4,5	4,7	5,2	5,8	6,1	7,0	7,7	8,6	8,2	9,0	10,9
sanitary services, street cleaning and refuse disposal	1,0	1,0	1,0	0,9	0,9	1,0	0,6	0,6	0,5	0,5	0,6	0,6
cultural, sporting, recreational and entertainment activities	2,1	2,7	3,0	3,7	4,3	4,6	4,3	5,2	6,3	6,1	6,9	8,9
provision of individual services	0,8	0,8	0,7	0,6	0,6	0,5	2,0	1,9	1,8	1,6	1,5	1,4

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

## 14. DEVELOPMENT OF SMALL BUSINESS

**Small enterprises** (legal persons) are business entities of any organizational and legal form of business where the average number of employees does not exceed fifty persons during the reference period while the amount of gross income from the sold produce (operations, services) for the same period does not surpass 500 thousand euro according to the average annual exchange rate set by the National Bank of Ukraine for UAH (Ukraine's Economic Code 436-IV of January 16, 2003, with addenda).

**Average annual 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.

**Average annual number of the called-in 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.

**Labor 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 labor 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

## DEVELOPMENT OF SMALL BUSINESS

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.

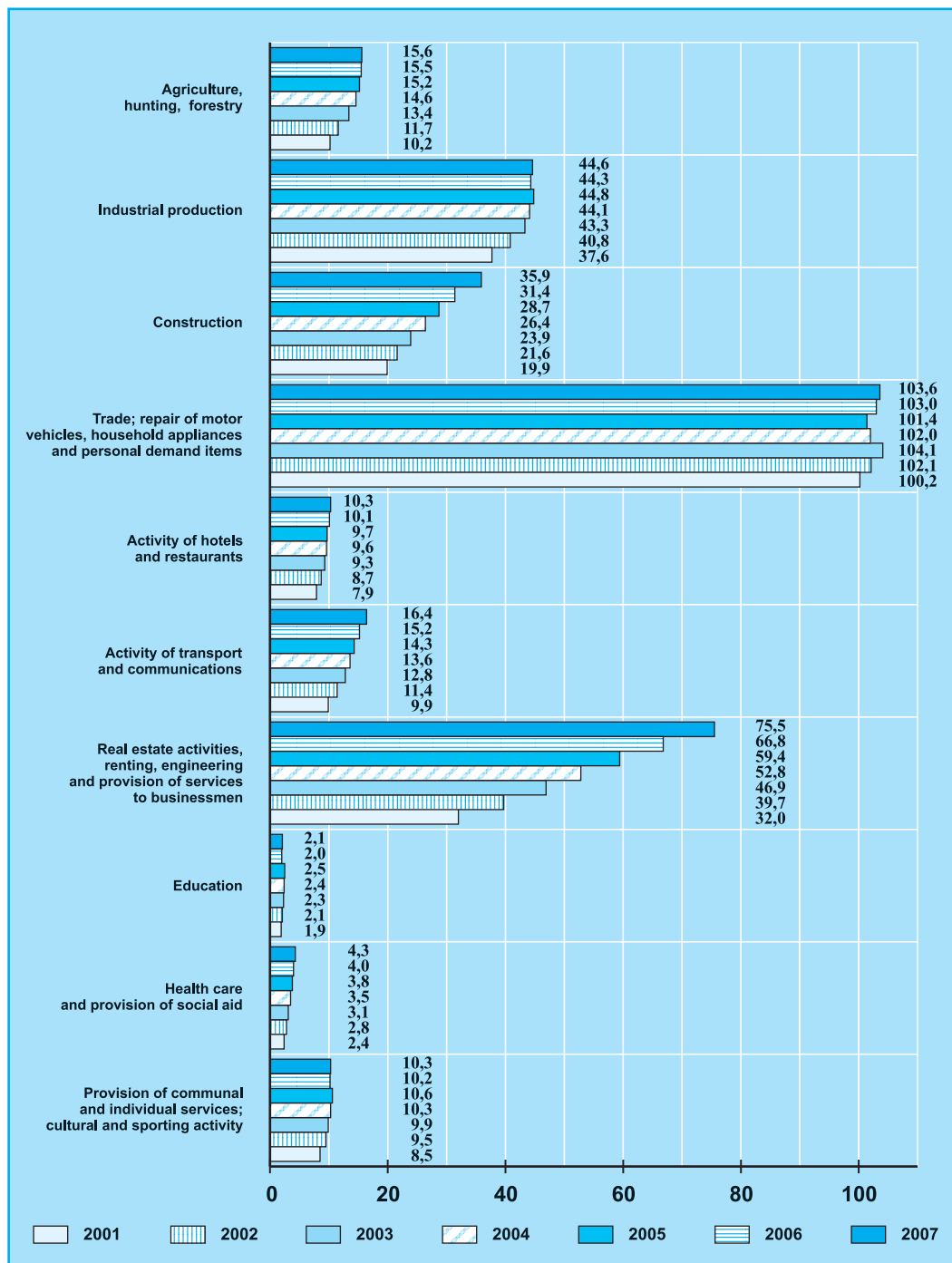
### 14.1. Basic indicators for small enterprises

	1995	2000	2001	2002	2003	2004	2005	2006	2007
Small enterprises									
thsd.	96,0	217,9	233,6	253,8	272,7	283,4	295,1	307,4	324,0
percentage of the previous year	111,9	110,6	107,2	108,6	107,5	103,9	104,1	104,2	105,4
per 10 thsd. present population	19	44	48	53	57	60	63	66	70
Average annual number of employees of small enterprises									
thsd.	1124,9	1709,8	1807,6	1918,5	2034,2	1928,0	1834,2	1746,0	1674,2
percentage of the previous year	101,9	101,9	105,7	106,1	106,0	94,8	95,1	95,2	95,9
number of employees per one enterprise, persons	12	8	8	8	7	7	6	6	5
percentage of total employees at enterprises (business entities)	× <sup>1</sup>	15,1	17,1	18,9	20,9	20,2	19,6	19,0	18,4

<sup>1</sup> Statistical observation was not conducted

## 14.2. Small enterprises in 2001–2007, by type of economic activity

(thsd.)



## DEVELOPMENT OF SMALL BUSINESS

**14.3. Small enterprises, by type of economic activity***(thsd.)*

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>217,9</b>	<b>233,6</b>	<b>253,8</b>	<b>272,7</b>	<b>283,4</b>	<b>295,1</b>	<b>307,4</b>	<b>324,0</b>
Agriculture, hunting, forestry	7,8	10,2	11,7	13,4	14,6	15,2	15,5	15,6
Industrial production	34,5	37,6	40,8	43,3	44,1	44,8	44,3	44,6
Construction	18,3	19,9	21,6	23,9	26,4	28,7	31,4	35,9
Trade; repair of motor vehicles, household appliances and personal demand items	101,1	100,2	102,1	104,1	102,0	101,4	103,0	103,6
Activity of hotels and restaurants	7,5	7,9	8,7	9,3	9,6	9,7	10,1	10,3
Activity of transport and communications	8,5	9,9	11,4	12,8	13,6	14,3	15,2	16,4
Real estate transactions, renting, engineering and provision of services to businessmen	26,4	32,0	39,7	46,9	52,8	59,4	66,8	75,5
Education	1,7	1,9	2,1	2,3	2,4	2,5	2,0	2,1
Health care and provision of social aid	2,0	2,4	2,8	3,1	3,5	3,8	4,0	4,3
Provision of communal and individual services; cultural and sporting activity	7,5	8,5	9,5	9,9	10,3	10,6	10,2	10,3

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

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>82,8</b>	<b>83,6</b>	<b>84,5</b>	<b>85,7</b>	<b>85,6</b>	<b>85,7</b>	<b>85,3</b>	<b>85,1</b>
Agriculture, hunting, forestry	38,7	47,4	53,2	60,3	65,6	69,5	73,7	75,8
Industrial production	77,7	79,5	81,1	82,7	82,5	82,2	81,4	81,2
Construction	84,4	86,0	88,2	89,0	88,1	88,3	87,4	86,5
Trade; repair of motor vehicles, household appliances and personal demand items	88,9	87,2	85,7	85,4	83,9	83,0	81,4	80,4
Activity of hotels and restaurants	94,0	94,6	95,4	95,9	96,0	95,8	95,0	94,5
Activity of transport and communications	81,4	83,9	86,0	87,4	87,3	87,2	86,9	86,8
Real estate transactions, renting, engineering and provision of services to businessmen	91,1	92,2	93,3	94,1	94,2	93,9	93,7	93,4
Education	87,9	89,0	89,7	90,6	90,8	90,9	94,6	94,7
Health care and provision of social aid	88,5	90,5	91,5	91,1	92,0	92,1	92,7	93,3
Provision of communal and individual services; cultural and sporting activity	90,5	92,0	92,7	93,5	93,3	93,1	92,9	92,4

## DEVELOPMENT OF SMALL BUSINESS

**14.5. Small enterprises, by region**

	Total, thsd.							Per 10 thsd. present population						
	2000	2002	2003	2004	2005	2006	2007	2000	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>217,9</b>	<b>253,8</b>	<b>272,7</b>	<b>283,4</b>	<b>295,1</b>	<b>307,4</b>	<b>324,0</b>	<b>44</b>	<b>53</b>	<b>57</b>	<b>60</b>	<b>63</b>	<b>66</b>	<b>70</b>
Autonomous Republic of Crimea	9,2	12,4	13,9	14,2	14,6	15,6	16,1	44	61	69	71	73	79	81
<b>oblasts</b>														
Vinnitsya	5,2	6,5	7,3	7,5	7,8	7,9	7,9	29	37	42	44	46	47	47
Volyn	3,5	4,2	4,5	4,7	4,7	4,8	4,9	33	39	43	45	45	46	47
Dnipropetrovsk	13,5	17,0	18,6	19,0	19,4	20,4	21,6	37	48	53	54	56	60	63
Donetsk	24,8	25,4	26,0	26,0	26,0	26,0	26,0	50	53	55	55	56	56	57
Zhytomyr	5,2	5,9	6,0	6,0	6,1	6,1	6,1	37	42	44	45	45	46	47
Zakarpattia	5,8	6,5	6,6	7,6	7,8	7,8	7,6	46	52	52	60	63	63	61
Zaporizhzhya	8,0	9,8	10,7	10,8	11,6	11,7	12,6	41	51	56	58	62	63	69
Ivano-Frankivsk	6,1	6,7	7,3	7,3	7,4	7,6	7,7	43	48	52	52	54	55	56
Kyiv	6,0	7,7	8,7	9,0	10,1	11,1	12,2	32	43	48	50	57	63	70
Kirovohrad	4,4	5,1	5,4	5,5	5,5	5,6	5,6	38	45	49	50	51	52	54
Luhansk	8,8	9,8	10,2	10,3	10,3	10,6	11,1	34	39	41	42	43	44	47
Lviv	13,6	14,8	15,5	16,2	16,4	17,4	18,4	51	56	59	62	63	68	72
Mykolayiv	6,8	7,6	7,7	7,7	7,9	8,1	8,7	53	60	62	63	64	67	72
Odesa	9,6	11,7	13,1	14,1	15,0	16,1	17,3	38	48	54	58	62	67	72
Poltava	6,1	7,1	7,4	7,6	7,7	8,1	8,6	37	44	47	48	49	52	56
Rivne	3,6	4,2	4,6	4,7	5,0	5,0	5,0	31	36	40	41	43	43	43
Sumy	4,9	5,6	5,8	5,8	5,9	6,0	6,0	37	44	45	47	48	49	50
Ternopil	3,0	3,6	4,2	4,3	4,4	4,5	4,8	26	32	37	38	39	41	43
Kharkiv	13,4	16,1	17,0	18,1	18,8	19,4	20,5	45	56	59	63	66	69	73
Kherson	7,6	6,0	6,1	6,2	6,2	6,2	6,4	64	52	53	54	55	55	58
Khmelnyskiy	4,5	5,2	5,6	5,8	6,1	6,3	6,5	31	36	40	42	44	46	48
Cherkasy	5,1	5,4	5,7	5,9	5,9	6,0	6,3	35	38	42	43	44	45	48
Chernivtsi	3,0	3,7	3,7	3,9	4,1	4,3	4,4	32	40	41	43	45	47	49
Chernihiv	3,4	4,3	4,8	5,0	5,1	5,2	5,3	27	35	40	41	43	44	47
<b>cities</b>														
Kyiv	30,7	39,4	43,9	47,7	52,6	56,9	63,3	117	151	167	180	196	210	232
Sevastopol	2,1	2,1	2,4	2,5	2,7	2,7	3,1	54	56	64	67	72	72	81

## DEVELOPMENT OF SMALL BUSINESS

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

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>82,9</b>	<b>83,6</b>	<b>84,5</b>	<b>85,7</b>	<b>85,6</b>	<b>85,7</b>	<b>85,3</b>	<b>85,1</b>
Autonomous Republic of Crimea	86,6	88,2	89,3	90,5	90,4	90,6	90,7	90,4
<b>oblasts</b>								
Vinnitsya	74,4	75,5	79,9	82,9	84,2	85,4	85,6	85,7
Volyn	77,6	79,5	82,0	84,7	86,2	85,8	85,4	85,9
Dnipropetrovsk	81,1	82,7	82,6	83,3	82,3	81,7	81,2	80,9
Donetsk	86,6	86,5	86,6	87,7	87,1	86,7	86,0	84,9
Zhytomyr	77,8	80,3	81,8	83,1	84,3	84,8	85,2	85,4
Zakarpattia	88,3	89,6	90,9	91,4	92,3	92,4	92,1	92,0
Zaporizhzhya	82,2	82,7	84,5	85,6	85,1	85,8	85,0	85,3
Ivano-Frankivsk	86,5	88,5	89,8	90,9	91,4	91,5	91,4	91,2
Kyiv	77,2	78,6	80,5	82,3	81,4	82,5	82,8	82,8
Kirovohrad	80,6	83,5	83,7	85,5	85,6	86,5	86,3	86,2
Luhansk	82,3	83,0	83,5	84,5	84,0	84,0	84,2	84,4
Lviv	85,1	85,7	87,1	88,1	88,6	88,2	88,1	88,4
Mykolayiv	85,6	86,0	86,4	87,3	87,1	86,9	86,6	88,0
Odesa	81,9	82,8	83,1	84,7	84,5	84,8	84,4	84,4
Poltava	78,8	80,0	81,5	83,0	83,4	83,6	83,8	84,3
Rivne	78,4	80,3	82,8	85,1	85,7	87,1	86,4	86,4
Sumy	79,3	80,8	82,5	84,4	85,4	86,2	86,8	86,7
Ternopil	73,6	78,1	81,4	85,3	86,5	86,8	87,6	88,0
Kharkiv	84,7	85,4	86,1	86,6	86,5	86,4	86,0	85,9
Kherson	87,9	85,5	86,5	87,7	87,7	87,5	87,3	87,2
Khmelnyskiy	75,5	76,8	79,1	82,2	83,5	84,6	86,0	86,8
Cherkasy	77,8	78,6	79,9	82,2	82,8	83,2	83,7	83,9
Chernivtsi	82,1	85,8	87,4	88,7	89,1	89,7	90,0	89,8
Chernihiv	73,1	75,1	79,5	82,9	83,8	84,4	84,8	85,6
<b>cities</b>								
Kyiv	85,9	85,3	84,6	84,6	83,7	83,6	82,7	81,8
Sevastopol	87,7	87,8	87,1	88,6	88,6	88,9	87,4	88,4

## DEVELOPMENT OF SMALL BUSINESS

**14.7. Small enterprises in 2007, by type of economic activity and region**

	Total	By type of economic activity							
		agriculture, hunting, forestry	industrial produc- tion	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
<b>Ukraine</b>	<b>324011</b>	<b>15584</b>	<b>44580</b>	<b>35892</b>	<b>103610</b>	<b>10261</b>	<b>16440</b>	<b>75546</b>	<b>10298</b>
Autonomous Republic of Crimea	16071	768	1775	2167	4239	1226	1193	3398	678
<b>oblasts</b>									
Vinnitsya	7949	706	1330	715	2785	174	303	1442	261
Volyn	4917	471	648	470	1741	190	320	847	101
Dnipropetrovsk	21607	682	2505	2472	8471	412	895	4917	567
Donetsk	26004	717	3166	2968	9664	742	1148	5864	904
Zhytomyr	6132	648	1416	599	1647	135	239	1150	162
Zakarpattia	7564	473	1511	718	2283	440	435	1282	243
Zaporizhzhya	12625	565	1628	1461	4562	418	570	2749	293
Ivano-Frankivsk	7704	365	1433	926	2583	333	324	1271	247
Kyiv	12164	841	2033	1735	3640	328	616	2263	343
Kirovohrad	5649	691	889	578	1856	116	244	940	184
Luhansk	11102	480	1678	1247	3981	201	508	2298	344
Lviv	18372	702	2959	1686	5875	1099	956	3825	646
Mykolayiv	8659	667	1260	940	2606	298	449	1903	249
Odesa	17319	808	1846	1698	4791	765	1608	4495	695
Poltava	8599	560	1090	1033	2878	186	419	1918	275
Rivne	4975	319	875	591	1570	132	278	977	112
Sumy	5966	508	837	654	2019	129	235	1273	178
Ternopil	4759	673	909	405	1237	131	224	823	192
Kharkiv	20489	687	3210	1932	6324	510	637	5774	648
Kherson	6428	524	933	680	2064	199	312	1221	272
Khmelnyskiy	6522	614	1148	672	2016	193	261	1181	218
Cherkasy	6321	668	990	805	1871	145	282	1121	188
Chernivtsi	4408	464	847	399	1235	147	288	737	153
Chernihiv	5355	608	777	532	1793	167	266	892	206
<b>cities</b>									
Kyiv	63275	344	6474	7388	19072	1289	3207	20230	1828
Sevastopol	3076	31	413	421	807	156	223	755	111



## DEVELOPMENT OF SMALL BUSINESS

**14.8. Average annual number of employees at small enterprises,  
by type of economic activity**

(thsd.)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>1709,8</b>	<b>1807,6</b>	<b>1918,5</b>	<b>2034,2</b>	<b>1928,0</b>	<b>1834,2</b>	<b>1746,0</b>	<b>1674,2</b>
Agriculture, hunting, forestry	110,9	130,7	143,7	162,5	164,9	162,0	151,6	135,8
Industrial production	362,9	389,1	422,5	446,8	402,7	373,4	343,6	319,4
Construction	198,2	217,0	219,2	232,4	222,5	209,4	197,6	194,6
Trade; repair of motor vehicles, household appliances and personal demand items	572,9	527,5	494,7	473,9	418,9	375,4	343,1	317,8
Activity of hotels and restaurants	69,5	72,9	76,9	77,6	75,3	71,5	71,8	68,4
Activity of transport and communications	77,6	88,3	100,6	110,2	106,7	102,8	101,3	100,9
Real estate transactions, renting, engineering and provision of services to businessmen	181,2	228,3	291,8	349,3	358,0	365,1	384,0	392,6
Education	21,2	23,8	26,3	27,6	27,3	26,8	15,5	15,1
Health care and provision of social aid	17,8	21,0	23,6	26,9	28,3	29,0	29,3	30,3
Provision of communal and individual services; cultural and sporting activity	80,1	90,3	98,5	105,2	101,7	95,9	85,1	76,3

**14.9. Share of the average annual 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
<b>Total</b>	<b>15,1</b>	<b>17,1</b>	<b>18,9</b>	<b>20,9</b>	<b>20,2</b>	<b>19,6</b>	<b>19,0</b>	<b>18,4</b>
Agriculture, hunting, forestry	4,4	6,0	7,4	9,9	11,9	13,5	15,2	15,4
Industrial production	8,1	9,1	10,4	11,3	10,2	9,5	8,9	8,7
Construction	28,4	33,2	34,8	36,7	33,9	31,8	29,6	28,6
Trade; repair of motor vehicles, household appliances and personal demand items	50,8	48,6	45,8	43,9	38,4	33,4	28,5	24,5
Activity of hotels and restaurants	55,5	57,9	61,2	62,4	60,3	57,5	52,8	48,8
Activity of transport and communications	6,6	7,6	8,8	9,8	9,6	9,3	9,1	8,9
Real estate transactions, renting, engineering and provision of services to businessmen	28,0	33,8	40,6	46,1	46,5	46,0	46,4	46,2
Education	40,8	41,7	36,7	37,8	35,3	34,0	40,2	40,8
Health care and provision of social aid	25,7	29,2	31,9	32,4	32,4	33,2	33,6	34,1
Provision of communal and individual services; cultural and sporting activity	43,3	47,9	51,0	54,7	52,1	49,1	46,7	41,3

## DEVELOPMENT OF SMALL BUSINESS

**14.10. Employment at small enterprises, by region**

	Average annual number of employees, thsd.							Employment rate at small enterprises, percent of the total population of working ages						
	2000	2002	2003	2004	2005	2006	2007	2000	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>1709,8</b>	<b>1918,5</b>	<b>2034,2</b>	<b>1928,0</b>	<b>1834,2</b>	<b>1746,0</b>	<b>1674,2</b>	<b>6,1</b>	<b>6,8</b>	<b>7,2</b>	<b>6,8</b>	<b>6,5</b>	<b>6,2</b>	<b>6,0</b>
Autonomous Republic of Crimea	65,5	81,0	85,1	82,3	79,2	76,5	72,8	5,4	6,7	7,0	6,7	6,5	6,3	6,0
<b>oblasts</b>														
Vinnysya	52,0	57,2	59,8	57,3	54,3	49,7	45,8	5,4	5,9	6,2	5,9	5,6	5,2	4,8
Volyn	32,7	35,2	38,1	35,8	32,8	31,9	31,1	5,6	5,9	6,3	5,9	5,4	5,2	5,1
Dnipropetrovsk	107,9	122,5	130,9	122,8	115,9	112,2	106,2	5,2	5,9	6,2	5,9	5,5	5,4	5,1
Donetsk	149,9	159,4	170,1	162,0	149,6	137,6	130,9	5,3	5,7	6,0	5,7	5,3	4,9	4,7
Zhytomyr	43,6	48,3	52,9	53,1	49,0	46,5	43,8	5,7	6,3	6,9	6,9	6,4	6,1	5,8
Zakarpattia	41,7	42,9	45,1	39,9	36,7	34,4	33,3	5,7	5,8	6,0	5,3	4,9	4,5	4,4
Zaporizhzhya	65,5	72,1	76,6	71,6	69,7	68,8	65,2	5,8	6,4	6,7	6,3	6,1	6,1	5,8
Ivano-Frankivsk	47,7	50,6	51,2	46,5	42,2	38,2	36,3	6,0	6,3	6,3	5,7	5,2	4,6	4,4
Kyiv	60,7	70,3	74,2	71,5	70,5	68,3	67,0	5,8	6,7	7,1	6,8	6,7	6,5	6,4
Kirovohrad	34,5	38,1	39,9	35,0	33,7	32,1	30,0	5,5	6,1	6,4	5,7	5,5	5,3	5,0
Luhansk	68,9	73,9	75,5	72,0	66,9	63,2	59,3	4,6	5,0	5,1	4,9	4,5	4,3	4,1
Lviv	124,3	128,9	134,4	126,6	119,2	110,8	106,7	8,3	8,5	8,8	8,3	7,8	7,2	6,9
Mykolayiv	47,7	52,7	54,8	49,3	45,4	43,5	42,2	6,4	7,1	7,3	6,6	6,1	5,9	5,7
Odesa	86,9	98,1	103,9	100,4	98,1	94,5	93,6	6,0	6,7	7,1	6,9	6,7	6,5	6,4
Poltava	55,8	65,4	69,1	60,9	55,1	51,5	48,0	6,1	7,2	7,6	6,7	6,1	5,7	5,3
Rivne	37,2	41,2	42,8	40,3	38,9	35,0	33,0	5,7	6,2	6,3	5,9	5,7	5,1	4,8
Sumy	44,5	48,8	50,7	45,8	42,2	39,3	37,1	6,0	6,6	6,9	6,2	5,8	5,4	5,1
Ternopil	31,1	36,9	39,6	37,7	35,2	33,3	31,3	5,0	5,8	6,2	5,9	5,5	5,2	4,8
Kharkiv	111,3	134,5	139,4	133,0	126,7	118,9	111,8	6,4	7,7	7,9	7,6	7,2	6,8	6,4
Kherson	35,1	38,3	40,7	38,3	36,9	35,2	32,6	5,1	5,6	5,9	5,6	5,4	5,2	4,8
Khmelnyskiy	41,8	46,8	53,1	49,0	47,0	45,0	40,8	5,3	5,9	6,7	6,2	6,0	5,7	5,2
Cherkasy	37,6	45,5	50,8	45,0	42,4	40,0	38,1	4,9	5,9	6,6	5,8	5,5	5,2	5,0
Chernivtsi	29,6	30,7	31,3	29,0	28,0	26,2	24,0	5,7	5,8	5,9	5,4	5,2	4,9	4,5
Chernihiv	37,9	42,2	47,0	44,0	40,4	38,0	36,0	5,7	6,3	7,1	6,6	6,1	5,8	5,5
<b>cities</b>														
Kyiv	202,6	239,0	256,3	259,7	259,9	258,6	260,3	12,1	14,0	14,9	14,8	14,8	14,6	14,6
Sevastopol	15,8	18,0	20,9	19,2	18,3	16,8	17,0	6,8	7,7	9,9	8,2	7,8	7,1	7,3

## DEVELOPMENT OF SMALL BUSINESS

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

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

## DEVELOPMENT OF SMALL BUSINESS

**14.12. Average annual number of employees at small enterprises in 2007,  
by type of economic activity and region**

(thsd.)

	Total	By type of economic activity							
		agriculture, hunting, forestry	industrial produc- tion	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
<b>Ukraine</b>	<b>1674,2</b>	<b>135,8</b>	<b>319,4</b>	<b>194,6</b>	<b>317,8</b>	<b>68,4</b>	<b>100,9</b>	<b>392,6</b>	<b>76,3</b>
Autonomous Republic of Crimea	72,8	5,4	11,5	9,1	11,7	5,9	5,6	16,6	4,1
<b>oblasts</b>									
Vinnitsya	45,8	6,6	9,8	5,0	8,7	1,0	2,9	8,0	2,0
Volyn	31,1	5,1	5,2	3,5	6,4	1,7	1,9	5,3	1,0
Dnipropetrovsk	106,2	5,6	18,2	13,7	23,8	3,3	6,3	26,0	4,7
Donetsk	130,9	5,7	20,4	16,2	27,5	5,4	7,7	35,0	7,3
Zhytomyr	43,8	8,2	11,8	4,1	7,0	1,0	2,1	6,8	1,9
Zakarpattia	33,3	1,9	8,6	3,8	6,1	2,4	2,0	6,5	1,1
Zaporizhzhya	65,2	5,2	11,8	9,0	13,2	3,5	4,0	13,7	2,4
Ivano-Frankivsk	36,3	2,4	8,8	5,7	6,8	1,6	1,7	6,4	1,6
Kyiv	67,0	6,7	15,4	8,9	13,2	2,4	4,1	11,4	2,9
Kirovohrad	30,0	6,0	5,7	3,0	4,8	0,8	1,7	5,9	1,4
Luhansk	59,3	3,9	12,6	7,5	11,1	1,5	3,5	14,2	3,1
Lviv	106,7	5,8	23,0	12,3	22,4	6,8	6,4	21,0	5,0
Mykolayiv	42,2	6,3	7,8	5,1	5,8	1,9	2,7	9,3	1,7
Odesa	93,6	8,3	14,2	8,2	15,3	4,5	10,1	23,3	5,7
Poltava	48,0	5,1	9,3	6,6	8,1	1,5	2,9	11,1	1,9
Rivne	33,0	3,9	7,6	5,2	5,8	1,0	2,0	5,6	1,0
Sumy	37,1	5,6	7,5	4,3	6,7	1,1	1,8	7,9	1,4
Ternopil	31,3	6,0	7,2	2,7	4,9	1,0	1,4	5,5	1,6
Kharkiv	111,8	5,3	25,6	11,0	20,9	3,6	4,4	32,1	4,7
Kherson	32,6	4,2	6,3	3,6	5,6	1,4	1,7	6,2	2,0
Khmelnyskiy	40,8	6,7	10,2	4,5	6,8	1,4	2,0	6,3	1,7
Cherkasy	38,1	5,6	8,3	4,6	6,5	1,0	2,2	6,6	1,6
Chernivtsi	24,0	2,3	5,9	2,6	4,9	1,1	1,6	3,8	1,1
Chernihiv	36,0	6,9	6,7	3,8	7,3	1,3	2,1	5,5	1,6
<b>cities</b>									
Kyiv	260,3	0,9	36,9	28,2	53,5	9,2	14,8	88,6	11,1
Sevastopol	17,0	0,2	3,1	2,4	3,0	1,1	1,3	4,0	0,7

## DEVELOPMENT OF SMALL BUSINESS

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

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>43810,1</b>	<b>47165,7</b>	<b>49394,2</b>	<b>65202,1</b>	<b>74363,5</b>	<b>82936,7</b>	<b>90309,0</b>	<b>106049,5</b>
Agriculture, hunting, forestry	1087,2	1583,7	1748,7	2070,6	2919,9	3559,9	4157,5	4872,3
Industrial production	5807,8	6678,4	7316,3	9052,2	10647,9	11772,2	12266,7	14038,6
Construction	2974,3	3815,9	4250,6	6089,8	7724,0	8863,4	10054,0	12583,4
Trade; repair of motor vehicles, household appliances and personal demand items	27747,7	27158,9	26106,2	32671,8	34545,9	36186,0	37055,6	40678,3
Activity of hotels and restaurants	653,4	803,0	903,1	1090,3	1359,7	1558,4	1848,8	2159,3
Activity of transport and communications	1493,7	1799,8	2093,8	2770,5	3523,6	4076,8	4640,0	5569,4
Real estate transactions, renting, engineering and provision of services to businessmen	2833,7	3819,9	5077,2	7285,5	9307,9	11765,1	14465,6	18615,6
Education	145,1	182,3	232,1	286,1	341,4	421,5	323,2	429,1
Health care and provision of social aid	138,0	174,9	216,3	310,3	379,3	485,5	575,0	741,2
Provision of communal and individual services; cultural and sporting activity	486,6	694,4	849,3	1121,5	1417,5	1682,9	1861,3	2049,0

**14.14. 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
<b>Total</b>	<b>8,1</b>	<b>7,1</b>	<b>6,7</b>	<b>6,6</b>	<b>5,3</b>	<b>5,5</b>	<b>4,8</b>	<b>4,4</b>
Agriculture, hunting, forestry	6,1	7,9	9,2	10,6	11,6	12,3	12,9	12,0
Industrial production	2,9	2,9	2,9	2,9	2,4	2,3	2,1	1,9
Construction	21,3	21,8	20,0	19,8	15,4	16,0	13,3	11,1
Trade; repair of motor vehicles, household appliances and personal demand items	11,8	8,6	7,6	6,7	5,0	5,3	4,1	3,7
Activity of hotels and restaurants	31,9	30,3	30,4	32,0	31,6	29,4	27,3	24,2
Activity of transport and communications	4,0	4,4	4,6	4,4	4,6	4,4	4,2	4,1
Real estate transactions, renting, engineering and provision of services to businessmen	9,0	9,9	10,6	15,0	15,6	15,8	19,7	18,8
Education	28,6	30,8	26,4	25,5	25,0	24,9	30,0	33,0
Health care and provision of social aid	15,3	15,4	15,5	18,2	17,9	18,3	19,3	19,2
Provision of communal and individual services; cultural and sporting activity	21,5	22,7	23,0	23,9	23,2	21,3	18,0	14,8

## DEVELOPMENT OF SMALL BUSINESS

**14.15. 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, %
<b>Total</b>	<b>2006</b>	<b>95578,6</b>	<b>100</b>	<b>22977,1</b>	<b>24,0</b>	<b>35856,9</b>	<b>37,5</b>
	<b>2007</b>	<b>107520,4</b>	<b>100</b>	<b>26786,7</b>	<b>24,9</b>	<b>37442,6</b>	<b>34,8</b>
Agriculture, hunting, forestry	2006	4704,2	100	2470,1	52,5	99,4	2,1
	2007	5070,6	100	2828,4	55,8	89,1	1,8
Industrial production	2006	12967,9	100	6855,6	52,9	748,8	5,8
	2007	14748,8	100	7758,6	52,6	755,3	5,1
Construction	2006	10382,3	100	6413,1	61,8	440,3	4,2
	2007	12806,1	100	7781,4	60,8	525,6	4,1
Trade; repair of motor vehicles, household appliances and personal demand items	2006	37600,2	100	949,1	2,5	30497,9	81,1
	2007	40854,1	100	1239,5	3,0	32346,0	79,2
Activity of hotels and restaurants	2006	1970,1	100	765,2	38,8	224,5	11,4
	2007	2235,4	100	731,4	32,7	357,2	16,0
Activity of transport and communications	2006	5016,8	100	1366,2	27,2	592,1	11,8
	2007	5823,2	100	1576,2	27,1	630,7	10,8
Real estate transactions, renting, engineering and provision of services to businessmen	2006	16702,0	100	3423,4	20,5	1288,7	7,7
	2007	19229,6	100	3992,8	20,8	852,7	4,4
Education	2006	312,4	100	50,9	16,3	6,0	1,9
	2007	391,6	100	60,3	15,4	2,7	0,7
Health care and provision of social aid	2006	588,9	100	163,0	27,7	17,7	3,0
	2007	740,0	100	195,8	26,5	15,4	2,1
Provision of communal and individual services; cultural and sporting activity	2006	2019,6	100	403,2	20,0	57,5	2,9
	2007	2249,8	100	463,5	20,6	37,6	1,7

## DEVELOPMENT OF SMALL BUSINESS

## 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, %	
4171,6	4,4	11384,2	11,9	3610,6	3,8	17578,2	18,4	105,8
4574,3	4,2	13723,0	12,8	4603,5	4,3	20390,3	19,0	101,4
272,1	5,8	699,2	14,9	116,4	2,5	1047,0	22,2	113,1
312,0	6,1	800,1	15,8	168,1	3,3	872,9	17,2	104,1
562,4	4,3	2156,4	16,6	723,6	5,6	1921,1	14,8	105,7
634,2	4,3	2485,1	16,9	866,5	5,9	2249,1	15,2	105,1
239,5	2,3	1420,9	13,7	489,1	4,7	1379,4	13,3	103,3
290,7	2,3	1716,1	13,4	619,6	4,8	1872,7	14,6	101,8
579,5	1,5	1941,2	5,2	693,7	1,9	2938,8	7,8	101,5
565,7	1,4	2220,9	5,4	840,4	2,1	3641,6	8,9	100,4
101,9	5,2	367,0	18,6	106,2	5,4	405,3	20,6	106,6
104,1	4,7	431,1	19,3	129,9	5,8	481,7	21,5	103,5
330,4	6,6	693,1	13,8	228,6	4,6	1806,4	36,0	108,1
409,0	7,0	843,1	14,5	288,2	4,9	2076,0	35,7	104,6
1817,2	10,9	3087,8	18,5	945,4	5,7	6139,5	36,7	115,5
1962,4	10,2	3984,2	20,7	1291,4	6,7	7146,1	37,2	103,3
14,4	4,6	111,6	35,7	32,7	10,5	96,8	31,0	96,7
17,9	4,6	143,7	36,7	45,3	11,6	121,7	31,0	91,3
39,7	6,8	160,9	27,3	47,9	8,1	159,7	27,1	102,4
52,4	7,1	210,6	28,4	65,8	8,9	200,0	27,0	99,8
162,2	8,0	513,5	25,4	156,2	7,7	727,0	36,0	108,5
167,7	7,5	583,4	25,9	190,0	8,4	807,6	35,9	109,8

## DEVELOPMENT OF SMALL BUSINESS

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

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>43810,1</b>	<b>47165,7</b>	<b>49394,2</b>	<b>65202,1</b>	<b>74363,5</b>	<b>82936,7</b>	<b>90309,0</b>	<b>106049,5</b>
Autonomous Republic of Crimea	1386,6	1696,6	1850,5	2167,1	2566,6	2788,9	3105,9	3611,1
<b>oblasts</b>								
Vinnitsya	931,8	1005,0	1068,9	1269,1	1491,4	1688,9	1815,5	2173,0
Volyn	576,7	631,3	653,3	883,0	986,3	1041,7	1200,6	1400,2
Dnipropetrovsk	3519,0	3883,3	4141,6	6191,2	6539,6	6502,4	7515,2	8165,1
Donetsk	4631,4	4769,0	4698,2	6083,6	6574,0	7201,4	7506,3	8575,5
Zhytomyr	791,9	854,6	878,6	1049,7	1310,5	1443,1	1568,4	1800,5
Zakarpattia	654,1	693,2	731,7	895,2	1005,9	1188,8	1288,6	1488,2
Zaporizhzhya	1986,5	2056,3	2167,3	2690,5	3098,5	3488,5	3791,8	4344,2
Ivano-Frankivsk	816,2	847,7	891,3	1091,3	1269,1	1414,3	1532,7	1801,9
Kyiv	1332,1	1580,3	1691,4	2378,1	2591,7	3198,6	3681,2	4263,5
Kirovohrad	660,7	816,1	840,5	1021,8	1172,8	1288,5	1402,5	1541,8
Luhansk	1751,9	1966,1	1974,1	2338,3	2638,4	2908,6	3044,0	3556,5
Lviv	2310,8	2529,5	2584,4	3069,8	3520,6	3990,1	4328,2	5131,9
Mykolayiv	1092,1	1260,0	1245,7	1507,0	1759,5	1928,6	2179,0	2400,3
Odesa	2071,8	2446,8	2535,8	3025,5	3645,5	4181,8	4893,0	5627,1
Poltava	1306,6	1492,5	1511,6	1856,5	2065,0	2206,6	2368,7	2919,9
Rivne	653,0	701,2	704,2	883,2	1026,7	1206,2	1275,0	1483,7
Sumy	964,0	1074,4	1047,6	1211,1	1378,3	1474,0	1615,0	1789,0
Ternopil	473,2	530,5	548,1	715,5	843,6	922,4	1046,0	1243,5
Kharkiv	2758,5	3200,8	3377,8	3983,4	4686,6	5289,5	5624,0	6554,3
Kherson	831,1	880,6	856,2	1010,5	1243,6	1366,1	1537,9	1780,1
Khmelnyskiy	758,3	778,6	813,4	1009,1	1197,4	1360,5	1521,8	1780,0
Cherkasy	829,1	937,0	1013,5	1307,6	1480,1	1688,9	1936,3	2171,6
Chernivtsi	446,0	478,7	515,7	622,3	701,7	844,1	927,9	1077,5
Chernihiv	647,2	718,1	747,2	952,0	1086,5	1218,1	1314,6	1548,5
<b>cities</b>								
Kyiv	9218,4	8904,6	9872,4	15436,0	17824,0	20400,8	21582,7	26928,8
Sevastopol	411,1	432,9	433,2	553,7	659,6	705,3	706,2	891,8



## DEVELOPMENT OF SMALL BUSINESS

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

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>8,1</b>	<b>7,1</b>	<b>6,7</b>	<b>6,6</b>	<b>5,3</b>	<b>5,5</b>	<b>4,8</b>	<b>4,4</b>
Autonomous Republic of Crimea	14,1	14,6	14,8	14,3	13,4	11,9	10,4	9,6
<b>oblasts</b>								
Vinnitsya	13,0	12,6	12,6	11,4	10,6	10,1	8,7	8,4
Volyn	5,8	5,0	4,2	6,7	4,1	4,7	5,4	4,6
Dnipropetrovsk	5,0	4,2	4,6	4,9	3,5	3,2	3,2	2,9
Donetsk	5,4	4,8	4,4	4,1	2,8	3,3	2,8	2,6
Zhytomyr	14,5	13,2	10,8	10,8	6,9	12,5	10,8	9,3
Zakarpattia	22,9	19,8	18,1	14,2	9,2	11,2	10,9	9,5
Zaporizhzhya	8,1	7,1	7,3	6,7	5,3	5,5	5,2	4,5
Ivano-Frankivsk	14,8	13,8	13,2	9,3	7,3	9,4	7,0	8,3
Kyiv	10,2	9,2	8,1	8,0	5,7	6,2	6,0	5,0
Kirovohrad	14,9	15,6	14,3	13,3	10,8	12,0	11,1	9,5
Luhansk	7,7	6,2	4,8	4,5	3,9	4,6	4,6	4,3
Lviv	12,7	10,9	10,0	8,3	7,8	8,4	7,4	7,1
Mykolayiv	14,3	13,2	10,3	10,5	8,7	7,3	7,0	6,8
Odesa	10,6	9,7	8,0	7,7	7,3	7,1	7,1	6,4
Poltava	9,3	8,6	8,3	7,7	5,0	5,7	4,8	4,3
Rivne	15,6	12,6	11,6	11,0	8,7	8,8	7,2	7,3
Sumy	11,5	9,9	9,2	11,9	10,7	10,7	11,3	9,8
Ternopil	15,6	16,1	15,6	16,1	12,8	13,1	12,3	11,2
Kharkiv	11,4	10,5	9,7	7,2	6,3	6,9	6,0	5,4
Kherson	13,7	10,9	11,0	10,5	9,8	10,8	10,3	10,0
Khmelnyskiy	14,1	11,5	11,8	10,8	9,8	8,2	9,4	9,4
Cherkasy	11,8	11,6	11,9	11,5	10,0	9,2	8,6	7,8
Chernivtsi	20,2	17,9	17,7	17,3	14,3	13,3	12,7	10,9
Chernihiv	12,4	12,2	11,4	11,6	11,0	10,5	10,1	9,6
<b>cities</b>								
Kyiv	6,1	4,9	4,7	5,6	4,8	4,5	3,4	3,2
Sevastopol	18,2	14,0	13,3	15,1	13,4	12,6	9,6	9,1

## DEVELOPMENT OF SMALL BUSINESS

**14.18. Volume of products (operations, services) sold by small enterprises in 2007,  
by type of economic activity and region**

(mln. UAH)

	Total	By type of economic activity							
		agriculture, hunting, forestry	industrial produc- tion	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
<b>Ukraine</b>	<b>106049,5</b>	<b>4872,3</b>	<b>14038,6</b>	<b>12583,4</b>	<b>40678,3</b>	<b>2159,3</b>	<b>5569,4</b>	<b>18615,6</b>	<b>2049,0</b>
Autonomous Republic of Crimea	3611,1	204,1	417,9	536,6	1174,4	183,9	299,8	598,4	101,6
<b>oblasts</b>									
Vinnitsya	2173,0	219,3	380,8	260,0	826,6	29,8	113,6	267,9	31,3
Volyn	1400,2	79,7	197,8	148,6	626,4	44,8	85,0	166,1	14,4
Dnipropetrovsk	8165,1	318,7	970,4	1022,6	3747,1	101,8	354,6	1372,2	127,3
Donetsk	8575,5	255,5	1052,6	1092,3	3746,6	171,2	361,6	1498,9	185,8
Zhytomyr	1800,5	124,9	361,7	193,0	745,6	28,2	77,1	203,8	38,8
Zakarpattia	1488,2	55,9	264,4	181,5	562,8	70,2	98,7	191,0	21,0
Zaporizhzhya	4344,2	275,9	573,4	548,5	1940,3	114,0	182,6	554,0	63,3
Ivano-Frankivsk	1801,9	68,1	339,2	299,8	672,5	39,5	95,4	214,1	27,3
Kyiv	4263,5	287,3	794,2	602,9	1493,5	91,1	239,4	597,8	81,7
Kirovohrad	1541,8	299,8	197,1	158,8	558,8	21,5	70,1	176,7	29,0
Luhansk	3556,5	179,7	519,2	471,0	1598,7	38,8	143,1	462,3	74,9
Lviv	5131,9	115,7	833,2	673,4	2076,6	168,8	296,2	702,2	103,8
Mykolayiv	2400,3	230,1	329,4	345,3	865,9	55,3	151,8	326,9	40,1
Odesa	5627,1	270,2	628,8	576,4	1938,6	127,8	590,3	1065,3	146,8
Poltava	2919,9	244,1	366,5	413,5	1129,6	44,5	158,6	385,6	41,3
Rivne	1483,7	71,4	258,3	242,2	561,5	27,1	104,1	181,8	17,2
Sumy	1789,0	168,1	266,3	218,1	737,1	37,9	73,3	236,1	29,5
Ternopil	1243,5	182,4	225,2	117,3	415,5	21,6	67,9	150,9	31,7
Kharkiv	6554,3	308,0	1080,9	746,7	2528,4	104,7	204,7	1300,8	105,4
Kherson	1780,1	176,6	221,7	235,1	710,5	47,5	86,3	215,2	36,9
Khmelnyskiy	1780,0	181,2	291,8	242,2	663,0	39,9	87,2	206,6	33,6
Cherkasy	2171,6	267,6	320,4	268,3	785,1	30,5	95,3	259,8	39,2
Chernivtsi	1077,5	52,6	185,8	134,8	440,0	26,2	52,1	129,3	21,1
Chernihiv	1548,5	163,0	219,0	171,3	627,2	38,9	81,8	172,4	36,2
<b>cities</b>									
Kyiv	26928,8	67,3	2599,4	2549,2	9199,9	418,1	1334,1	6835,2	550,5
Sevastopol	891,8	5,1	143,2	134,0	306,1	35,7	64,7	144,3	19,3

## DEVELOPMENT OF SMALL BUSINESS

**14.19. Financial outcome from usual activity of small enterprises before taxation in 2007,  
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
<b>Total</b>	<b>2006</b>	<b>249,5</b>	<b>65,5</b>	<b>10526,2</b>	<b>34,5</b>	<b>10276,7</b>
	<b>2007</b>	<b>-1846,9</b>	<b>66,4</b>	<b>12840,2</b>	<b>33,6</b>	<b>14687,1</b>
Agriculture, hunting, forestry	2006	-203,0	66,8	556,9	33,2	759,9
	2007	245,0	70,4	995,9	29,6	750,9
Industrial production	2006	-274,6	64,7	1138,7	35,3	1413,3
	2007	-587,0	66,3	1066,9	33,7	1653,9
Construction	2006	-354,4	67,2	677,4	32,8	1031,8
	2007	-1162,4	67,0	899,9	33,0	2062,3
Trade; repair of motor vehicles, household appliances and personal demand items	2006	-361,0	68,0	2138,9	32,0	2499,9
	2007	-1071,3	69,3	2279,0	30,7	3350,3
Activity of hotels and restaurants	2006	-130,6	63,9	108,1	36,1	238,7
	2007	-135,4	65,8	122,7	34,2	258,1
Activity of transport and communications	2006	-104,4	62,6	373,9	37,4	478,3
	2007	-339,5	64,4	366,6	35,6	706,1
Real estate transactions, renting, engineering and provision of services to businessmen	2006	601,7	61,6	3653,9	38,4	3052,2
	2007	-1209,0	61,7	3680,7	38,3	4889,7
Education	2006	20,4	73,8	30,6	26,2	10,2
	2007	12,6	74,4	42,8	25,6	30,2
Health care and provision of social aid	2006	-12,8	68,0	41,6	32,0	54,4
	2007	-67,9	69,4	47,2	30,6	115,1
Provision of communal and individual services; cultural and sporting activity	2006	-46,3	65,3	172,3	34,7	218,6
	2007	-172,8	65,5	172,7	34,5	345,5

## DEVELOPMENT OF SMALL BUSINESS

**14.20. Financial outcome from usual activity of small enterprises before taxation in 2007, 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
<b>Ukraine</b>	<b>-1846,9</b>	<b>66,4</b>	<b>12840,2</b>	<b>33,6</b>	<b>14687,1</b>
Autonomous Republic of Crimea	-231,9	67,6	318,2	32,4	550,1
<b>oblasts</b>					
Vinnitsya	-102,6	70,4	153,7	29,6	256,3
Volyn	-118,4	69,2	91,3	30,8	209,7
Dnipropetrovsk	-374,0	62,9	715,7	37,1	1089,7
Donetsk	225,5	69,0	806,2	31,0	580,7
Zhytomyr	-66,6	66,7	119,6	33,3	186,2
Zakarpattia	-40,4	81,3	90,5	18,7	130,9
Zaporizhzhya	131,9	65,9	443,5	34,1	311,6
Ivano-Frankivsk	39,5	76,5	277,3	23,5	237,8
Kyiv	-399,0	67,1	382,3	32,9	781,3
Kirovohrad	-12,7	73,5	137,0	26,5	149,7
Luhansk	-83,0	68,7	231,7	31,3	314,7
Lviv	-76,2	67,5	371,7	32,5	447,9
Mykolayiv	-45,1	68,8	164,7	31,2	209,8
Odesa	-372,7	61,6	531,7	38,4	904,4
Poltava	-40,8	69,6	238,9	30,4	279,7
Rivne	-60,8	68,0	94,2	32,0	155,0
Sumy	-39,5	68,9	113,1	31,1	152,6
Ternopil	-2,2	73,4	94,5	26,6	96,7
Kharkiv	538,8	61,5	1297,4	38,5	758,6
Kherson	-40,0	67,2	165,3	32,8	205,3
Khmelnyskiy	-20,7	68,3	136,1	31,7	156,8
Cherkasy	-43,6	70,3	165,5	29,7	209,1
Chernivtsi	-21,1	69,2	79,0	30,8	100,1
Chernihiv	-28,9	68,8	112,7	31,2	141,6
<b>cities</b>					
Kyiv	-525,9	61,4	5432,6	38,6	5958,5
Sevastopol	-36,5	60,5	75,8	39,5	112,3

## 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 labor 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
Employees involved in R&D operations <sup>1</sup>	494,2	293,1	188,0	181,5	178,0	173,9	173,6	170,6	160,8	155,5
Staff engaged in research and development	313,1	179,8	120,8	113,3	107,4	104,8	106,6	105,5	100,2	96,8
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
Candidate of Science (pre-doctoral degree)	29,3	22,9	17,9	17,4	17,2	16,8	17,0	17,0	16,9	17,0
Staff engaged in research and development holding two or more jobs <sup>2</sup>	36,0	41,7	53,9	55,4	57,2	63,4	65,6	68,5	74,9	76,9
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
Candidate of Science (pre-doctoral degree)	21,1	18,6	23,3	19,4	20,6	22,8	23,6	25,7	29,2	30,1

<sup>1</sup> Since 2006, the organizations engaged in rendering R&D services do not compile reports<sup>2</sup> Since 2006, including all scientific and pedagogical employees from institutions of tertiary 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

## 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
<b>Total</b>	<b>652,0</b>	<b>2046,3</b>	<b>2432,5</b>	<b>2611,7</b>	<b>3597,4</b>	<b>4251,7</b>	<b>5160,4</b>	<b>5164,4</b>	<b>6149,2</b>
including on account of									
state budget	244,9	614,5	751,6	733,3	1070,7	1449,5	1711,2	2017,4	2815,4
own funds	14,6	61,3	210,4	146,7	228,5	275,9	338,5	462,7	521,1
customers' funds									
domestic	233,4	785,8	789,5	933,6	1321,5	1475,0	1680,1	1563,3	1725,8
foreign	101,9	477,1	555,3	683,1	875,1	908,6	1258,0	1000,9	978,7
other sources	57,2	107,6	125,7	115,0	101,6	142,7	172,6	120,1	63,1

**15.4. Costs of R&D work performed by own capacities of organizations, by type<sup>1</sup>***(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	2539,3	532,5
2007	5908,4	1462,3	1058,5	2793,5	594,1

<sup>1</sup> Including wages and salaries, material and other current expenditures**15.5. Scientific staff with scientific degrees<sup>1</sup>***(persons)*

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2004	2005	2006	2007	1995	2000	2004	2005	2006	2007
<b>Total</b>	<b>9759</b>	<b>10339</b>	<b>11573</b>	<b>12014</b>	<b>12488</b>	<b>12845</b>	<b>57610</b>	<b>58741</b>	<b>65839</b>	<b>68291</b>	<b>71893</b>	<b>74191</b>
of whom with the rank of												
academician	1224	1433	1533	1554	1569	1533	389	427	445	460	487	495
associate member of the Academy of Science	451	519	575	569	614	618	476	532	537	540	587	582
professor	5369	5193	6537	6908	7271	7497	877	894	1016	1035	1086	1119
senior lecturer	1373	1909	1876	1935	2045	2138	24602	22982	26272	27233	28662	29620
senior researcher	2198	2219	2153	2194	2221	2263	8037	6565	6009	6146	6485	6565

<sup>1</sup> In 1995 as of January 1, since 2000 as of October 1



**15.6. Scientific staff with scientific degrees, by age<sup>1</sup>**

(persons)

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2004	2005	2006	2007	1995	2000	2004	2005	2006	2007
<b>Total</b>	<b>9759</b>	<b>10339</b>	<b>11573</b>	<b>12014</b>	<b>12488</b>	<b>12845</b>	<b>57610</b>	<b>58741</b>	<b>65839</b>	<b>68291</b>	<b>71893</b>	<b>74191</b>
By age												
under 30 years old	1	2	1	—	1	1	1104	1815	3488	3908	4454	4565
31–40	270	232	227	220	237	288	11463	9305	11091	12234	13698	15200
41–50	1826	1698	1653	1713	1769	1778	17426	16654	16661	16662	16737	16506
51–55	1461	1658	1700	1689	1739	1777	8003	9365	9171	9103	9359	9551
56–60	2604	1639	1814	2076	2265	2230	12097	7398	8167	8926	9700	9591
61–70	2671	3778	4278	4272	4251	4279	6488	12201	14250	14102	13960	13994
71 and more	926	1332	1900	2044	2226	2492	1029	2003	3011	3356	3985	4784

<sup>1</sup> See the footnote for Table 15.5**15.7. Scientific staff with scientific degrees leaving Ukraine for other countries<sup>1</sup>**

(persons)

	Those with scientific degree of													
	Doctor of Science							Candidate of Science (pre-doctoral degree)						
	1995	2000	2003	2004	2005	2006	2007	1995	2000	2003	2004	2005	2006	2007
<b>Total</b>	<b>59</b>	<b>26</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>6</b>	<b>4</b>	<b>...</b>	<b>125</b>	<b>79</b>	<b>74</b>	<b>45</b>	<b>37</b>	<b>48</b>
of which to														
Israel	10	2	1	—	—	—	—	...	15	—	3	1	4	—
Canada	—	—	—	—	—	—	—	...	12	7	10	4	—	—
Germany	3	6	1	4	—	2	—	...	14	12	16	13	5	5
Russian Federation	20	3	1	3	3	2	1	...	31	17	18	4	4	9
USA	19	9	7	2	4	—	—	...	34	22	20	7	12	17
Other	7	6	3	4	1	2	3	...	19	21	7	16	12	17

<sup>1</sup> See the footnote for Table 15.5

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

	2004		2005		2006		2007	
	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises
<b>Industrial production</b>	<b>1359</b>	<b>13,7</b>	<b>1193</b>	<b>11,9</b>	<b>1118</b>	<b>11,2</b>	<b>1472</b>	<b>14,2</b>
Mining	34	6,3	29	5,4	26	4,8	33	5,9
mining of fuel and energy minerals	18	6,4	12	4,3	9	3,3	13	4,7
mining operations apart from fuel and energy minerals	16	6,2	17	6,5	17	6,3	20	7,0
Manufacturing	1294	15,4	1132	13,3	1058	12,4	1379	15,7
including production of foodstuffs, beverages and tobacco products	334	12,3	267	9,9	243	9,4	343	13,2
light industry	77	10,5	74	9,9	53	7,3	76	10,5
textile industry, sewing of clothes, fur and fur articles	60	9,8	57	9,3	41	6,9	65	11,0
production of leather, leather articles and other materials	17	13,5	17	13,1	12	8,8	11	8,3
wood working and production of wood products apart from furniture	31	8,8	23	6,2	22	5,6	48	11,3
cellulose and paper industry; printing	39	7,8	40	7,7	42	7,7	69	12,2
production of coke and refined petroleum products	20	39,2	19	38,0	16	33,3	16	33,3
chemical and petrochemical industry	126	24,3	115	19,9	123	20,1	146	21,6
production of chemicals	93	33,0	87	28,3	90	28,9	100	30,4
production of rubber and plastic products	33	14,0	28	10,4	33	11,0	46	13,2
production of other non-metallic mineral products	78	10,7	73	10,1	73	9,7	100	12,2
metallurgy and production of finished metal products	92	15,4	85	13,3	86	12,9	109	15,0
engineering	444	24,4	394	22,0	360	20,2	421	23,3
manufacture of machinery and equipment	204	20,5	173	18,1	157	16,7	189	20,0
manufacture of electrical, electronic and optical equipment	155	28,9	142	26,2	135	24,7	162	27,6
manufacture of transport vehicles and equipment	85	29,8	79	26,7	68	22,7	70	25,0
Production and distribution of electricity, gas and water	31	3,1	32	3,2	34	3,6	60	6,1

## SCIENCE, INNOVATIONS AND INFORMATICS

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

	2000		2004		2005		2006		2007	
	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
<b>Total</b>	<b>1760,1</b>	<b>100,0</b>	<b>4534,6</b>	<b>100,0</b>	<b>5751,6</b>	<b>100,0</b>	<b>6160,0</b>	<b>100,0</b>	<b>10821,0</b>	<b>100,0</b>
by purpose										
research and development	266,2	15,1	445,3	9,8	612,3	10,6	992,9	16,2	986,5	9,1
internal R&D operations	×	×	×	×	×	×	×	×	793,6	7,3
external R&D operations	×	×	×	×	×	×	×	×	192,9	1,8
purchase of new technologies <sup>1</sup>	72,8	4,1	143,5	3,2	243,4	4,2	159,5	2,6	328,4	3,0
purchase of machines, equipment, devices and other fixed assets and capital expenditure on introduction of innovations	1074,5	61,0	2717,5	59,9	3149,6	54,8	3489,2	56,6	7441,2 <sup>2</sup>	68,9
marketing and advertising <sup>3</sup>	82,1	4,7	297,5	6,6	376,7	6,5	359,9	5,8	×	×
other	264,5	15,1	930,8	20,5	1369,6	23,9	1158,5	18,8	2064,9	19,0

<sup>1</sup> Since 2007, purchasing of other external knowledge<sup>2</sup> Since 2007, purchasing of machinery, equipment and software<sup>3</sup> Since 2007, the indicator is treated as other expenditures**15.10. Financing of innovation activity in industry***(at current prices)*

	2000		2004		2005		2006		2007	
	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
<b>Total</b>	<b>1757,1</b>	<b>100,0</b>	<b>4534,6</b>	<b>100,0</b>	<b>5751,6</b>	<b>100,0</b>	<b>6160,0</b>	<b>100,0</b>	<b>10821,0</b>	<b>100,0</b>
including on account of										
state budget	7,7	0,4	63,4	1,4	28,1	0,5	114,4	1,9	144,8	1,3
local budgets	1,8	0,1	1,6	0,0	14,9	0,3	14,0	0,2	7,3	0,1
own funds	1399,3	79,6	3501,5	77,3	5045,4	87,7	5211,4	84,6	7969,7	73,7
customers' funds										
domestic	49,4	2,8	10,6	0,2	79,6	1,4	26,3	0,4	26,2	0,2
foreign	133,1	7,6	112,4	2,5	157,9	2,7	176,2	2,9	321,8	3,0
other sources	165,8	9,5	845,1	18,6	425,7	7,4	617,7	10,0	2351,2	21,7

**15.11. Industrial enterprises that introduced innovations**

	2000		2005		2006		2007	
	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
<b>Total</b>	<b>1491</b>	×	<b>810</b>	×	<b>999</b>	×	<b>1186</b>	×
installing new technological processes	416	27,9	402	49,6	272	27,2	515	43,4
including								
low-waste, resource saving, and waste-free	172	11,5	208	25,7	161	16,1	287	24,2
introducing new types of products <sup>1</sup>	1372	92,0	630	77,8	466	46,6	564	47,6
of which new types of equipment	202	13,5	156	19,3	154	15,4	178	15,0
conducting complex mechanization and automation of production process	174	11,7	323	39,9	510 <sup>2</sup>	51,1	898 <sup>3</sup>	75,7
Sold innovation products <sup>4</sup>	1352	×	1022	×	918	×	1035	×

<sup>1</sup> Since 2003, types of innovative products<sup>2</sup> Since 2006, spent funds for purchasing equipment, installations and other fixed assets<sup>3</sup> Since 2007, spent funds for purchasing of machinery, equipment and software<sup>4</sup> 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
New advanced technological processes introduced	2936	1403	1482	1727	1808	1145	1419
including low-waste, resource saving and waste-free	1044	430	606	645	690	424	634
Production of new types of goods <sup>1</sup> , items	11472	15323	7416	3978	3152	2408	2526
of which new equipment	1000	631	710	769	657	786	881

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

<sup>1</sup> 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	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
<b>Total</b>	<b>2151</b>	<b>2075</b>	<b>5230</b>	<b>6167</b>	<b>380</b>	<b>322</b>	<b>296</b>	<b>174</b>	<b>76</b>	<b>73</b>	<b>40</b>	<b>98</b>
Agriculture, hunting, forestry	10	8	12	9	—	8	—	—	—	—	—	—
Industrial production	306	279	607	546	218	174	55	47	22	34	30	90
mining	23	11	77	61	—	—	2	—	—	—	—	—
mining of fuel and energy minerals	22	10	74	55	—	—	2	—	—	—	—	—
mining operations apart from fuel and energy minerals	1	1	3	6	—	—	—	—	—	—	—	—
manufacturing	275	265	529	471	218	174	53	46	20	33	30	90
production of foodstuffs, beverages and tobacco products	21	11	25	28	75	27	1	—	—	1	12	34
light industry	—	—	1	—	1	—	—	—	—	—	—	—
wood working and production of wood products apart from furniture	1	—	—	—	—	—	—	—	—	—	—	—
cellulose and paper industry; printing	2	—	7	6	1	1	1	—	1	—	—	—
production of coke and refined petroleum products	2	5	14	7	5	3	—	—	—	—	—	—
chemical and petrochemical industry	21	19	38	33	18	95	2	4	1	4	4	55
production of other non-metallic mineral products	3	—	3	6	—	—	—	—	—	1	—	—
metallurgy and production of finished metal products	64	61	133	121	24	11	7	9	5	—	1	—
engineering	161	169	305	264	85	33	41	33	13	27	13	1
other production n.i.e.	—	—	3	6	9	4	1	—	—	—	—	—
production and distribution of electricity, gas and water	8	3	1	14	—	—	—	1	2	1	—	—
Construction	4	3	6	14	2	1	4	3	—	1	—	—
Trade; repair of motor vehicles, household appliances and personal demand items	21	11	36	51	27	38	—	2	—	—	—	1

## SCIENCE, INNOVATIONS AND INFORMATICS

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	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Activity of hotels and restaurants	2	—	3	1	—	1	—	—	—	—	—	—
Activity of transport and communications	29	11	8	11	9	6	8	16	1	3	1	—
Financial activity	1	1	2	1	3	—	15	1	1	2	2	—
Real estate transactions, renting, engineering and provision of services to businessmen	853	867	1199	1351	32	51	201	95	52	32	7	7
of which												
research and development	815	851	1145	1278	32	45	186	87	48	29	7	6
Public administration	17	9	10	7	—	—	—	—	—	—	—	—
Education	885	870	3238	4070	45	21	7	10	—	1	—	—
Health care and provision of social aid	16	12	86	76	—	—	6	—	—	—	—	—
Provision of communal and individual services; cultural and sporting activity	7	4	23	30	44	22	—	—	—	—	—	—

**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	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
<b>Total</b>	<b>1956</b>	<b>1993</b>	<b>5325</b>	<b>6165</b>	<b>351</b>	<b>330</b>	<b>167</b>	<b>130</b>	<b>52</b>	<b>90</b>	<b>45</b>	<b>61</b>
Agriculture, hunting, forestry	11	9	11	10	1	—	—	—	—	—	—	—
Industrial production	287	275	605	577	205	179	61	50	24	36	32	50
mining	13	7	67	71	—	—	—	1	—	—	1	—
mining of fuel and energy minerals	13	6	64	67	—	—	—	1	—	—	—	—
mining operations apart from fuel and energy minerals	—	1	3	4	—	—	—	—	—	—	1	—
manufacturing	263	266	537	488	205	179	61	49	24	33	31	50
production of foodstuffs, beverages and tobacco products	7	9	33	36	51	26	—	—	—	1	6	32
light industry	1	—	1	—	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	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
wood working and production of wood products apart from furniture	4	1	—	2	—	—	—	—	—	—	—	—
cellulose and paper industry; printing	—	2	6	5	1	1	—	—	—	—	—	—
production of coke and refined petroleum products	7	1	20	12	3	3	1	—	—	—	—	—
chemical and petrochemical industry	23	33	39	27	29	79	8	5	—	4	9	17
production of other non-metallic mineral products	7	—	6	4	2	—	—	—	—	—	—	—
metallurgy and production of finished metal	62	55	148	123	19	17	4	5	—	5	—	—
manufacture engineering	148	165	279	275	91	52	48	38	24	23	16	1
other production n.i.e.	4	—	5	4	8	1	—	1	—	—	—	—
production and distribution of electricity, gas and water	11	2	1	18	—	—	—	—	—	3	—	—
Construction	7	6	11	7	2	—	1	—	—	—	—	—
Trade; repair of motor vehicles, household appliances and personal demand items	23	11	37	63	21	23	4	—	1	—	3	1
Activity of hotels and restaurants	—	—	3	—	—	—	—	—	—	—	—	—
Activity of transport and communications	10	14	13	19	2	12	4	4	—	1	—	—
Financial activity	—	3	1	5	5	3	2	6	1	2	—	1
Real estate transactions, renting, engineering and provision of services to businessmen	761	845	1201	1385	48	58	73	56	25	50	9	9
of which research and development	721	824	1143	1338	47	52	60	53	22	47	9	9
Public administration	14	9	6	9	—	—	—	—	—	—	—	—
Education	808	793	3304	3968	37	18	18	14	1	1	1	—
Health care and provision of social aid	30	28	106	102	—	—	4	—	—	—	—	—
Provision of communal and individual services; cultural and sporting activity	5	—	27	20	30	37	—	—	—	—	—	—

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

	Employed proposals							
	inventions		useful models		industrial designs		innovation proposals	
	2006	2007	2006	2007	2006	2007	2006	2007
<b>Total</b>	<b>2911</b>	<b>2803</b>	<b>2176</b>	<b>3033</b>	<b>876</b>	<b>960</b>	<b>27718</b>	<b>25573</b>
Agriculture, hunting, forestry	17	10	3	9	3	4	155	158
Industrial production	827	803	495	684	752	833	11434	10762
mining	47	47	22	40	7	6	1887	1610
mining of fuel and energy minerals	40	39	22	37	1	—	1233	1142
mining operations apart from fuel and energy minerals	7	8	—	3	6	6	654	468
manufacturing	775	749	469	638	745	827	9375	8965
production of foodstuffs, beverages and tobacco products	62	51	55	68	242	221	204	184
light industry	1	—	—	—	1	1	15	29
wood working and production of wood products apart from furniture	1	1	—	—	—	—	18	71
cellulose and paper industry; printing	—	3	6	11	6	9	5	—
production of coke and refined petroleum products	59	59	40	50	78	81	418	431
chemical and petrochemical industry	136	133	30	44	101	184	622	488
production of other non-metallic mineral products	19	18	9	11	5	5	143	189
metallurgy and production of finished metal products	127	93	64	76	117	123	5178	3743
engineering	364	385	256	370	180	194	2755	3822
other production n.i.e.	6	6	9	8	15	9	17	8
production and distribution of electricity, gas and water	5	7	4	6	—	—	172	187
Construction	13	12	3	7	—	—	23	21
Trade; repair of motor vehicles, household appliances and personal demand items	40	26	44	51	33	7	—	—
Activity of hotels and restaurants	—	—	2	3	4	5	—	—
Activity of transport and communications	20	23	13	13	2	9	14681	13315
Financial activity	9	12	3	4	9	12	—	—
Real estate transactions, renting, engineering and provision of services to businessmen of which	906	945	656	844	69	80	294	266
research and development	879	910	629	826	66	73	185	160
Public administration	8	10	4	8	—	—	453	525
Education	1003	876	868	1338	4	4	572	378
Health care and provision of social aid	67	86	85	71	—	—	103	147
Provision of communal and individual services; cultural and sporting activity	1	—	—	1	—	6	3	1



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

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

<sup>1</sup> 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.

According to Ukraine's Law on Refugees (Section 1, Article 1), a **refugee** is a foreigner (a foreign citizen or a person without citizenship) who due to some sound reasons fears persecution because of the person's race, ethnic origin, religious denomination, citizenship, membership in social group or political convictions and is forced to leave the country where he is a citizen (or the country of his permanent residence) and cannot or does not wish to use the protection of this country for the mentioned fear and according to the Law, and on whom a decision was taken to give him a refugee status.

Data referring to the persons who received the refugee status are given according to information presented by the Ukraine State Committee of Ukraine for Nationalities and Religions.

POPULATION

**16.1. Total population<sup>1</sup>**

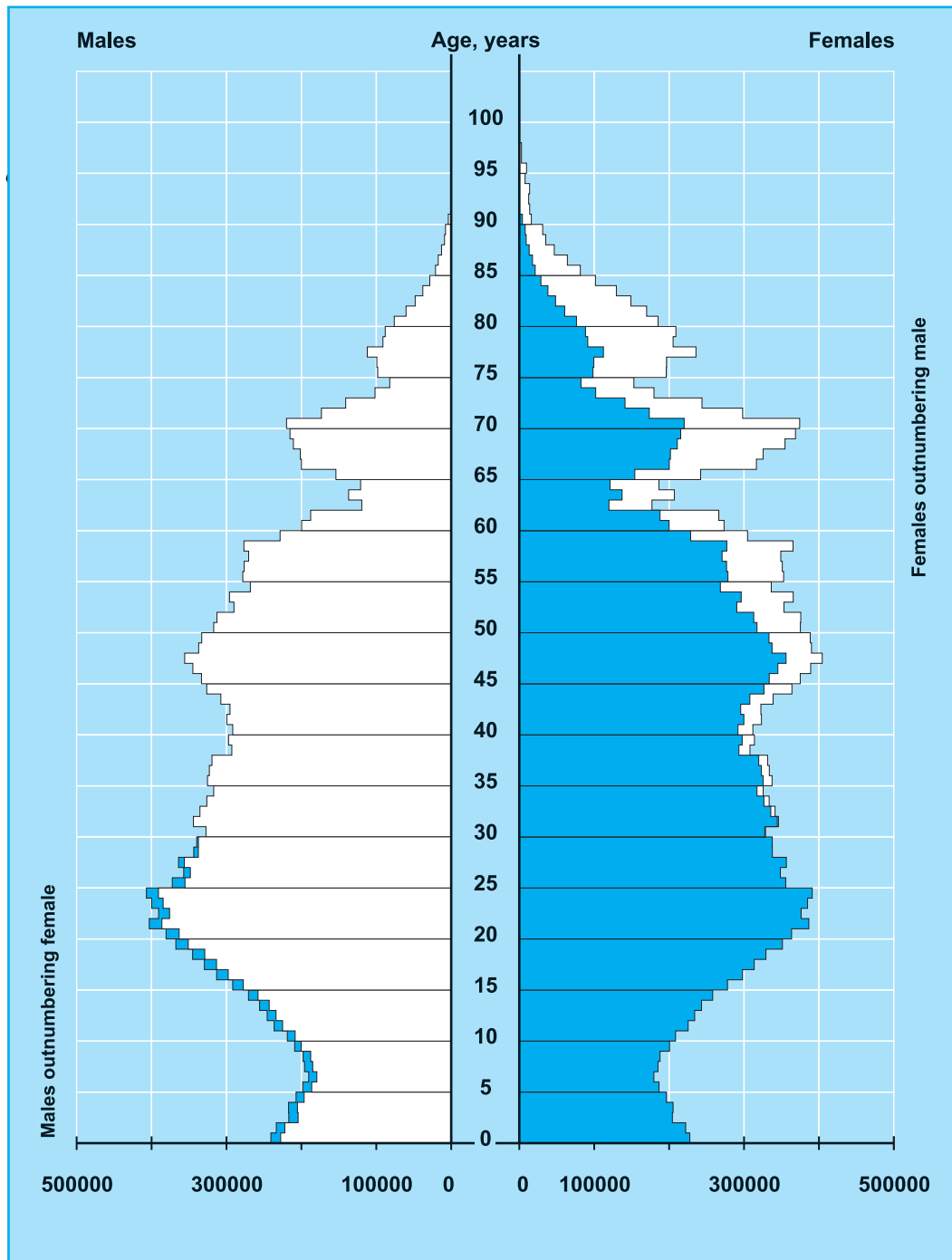
	1991	1996	2001	2002 <sup>1</sup>	2003	2004	2005	2006	2007	2008
<b>Present population, mln.</b>	<b>51,9</b>	<b>51,3</b>	<b>48,9</b>	<b>48,5</b>	<b>48,0</b>	<b>47,6</b>	<b>47,3</b>	<b>46,9</b>	<b>46,6</b>	<b>46,4</b>
urban	35,1	34,8	32,9	32,6	32,3	32,1	32,0	31,9	31,8	31,7
rural	16,8	16,5	16,0	15,9	15,7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

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

**16.2. Present population since 1913<sup>1</sup>**

	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

<sup>1</sup> 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

**16.3. Resident population, by sex and age***(as of January 1, 2008; persons)*

POPULATION

**16.4. Resident population, by sex and region**

(persons)

	2002 <sup>1</sup>		2008 <sup>1</sup>		Males per 1000 females	
	males	females	males	females	2002 <sup>1</sup>	2008 <sup>1</sup>
<b>Ukraine</b>	<b>22316317</b>	<b>25924585</b>	<b>21297678</b>	<b>24894631</b>	<b>861</b>	<b>856</b>
Autonomous Republic of Crimea	931439	1092617	897735	1064582	852	843
<b>oblasts</b>						
Vinnitsya	804747	959197	761262	903870	839	842
Volyn	497646	559568	484982	548726	889	884
Dnipropetrovsk	1638504	1922720	1551201	1843888	852	841
Donetsk	2210403	2615160	2056032	2470001	845	832
Zhytomyr	644360	744933	604044	702175	865	860
Zakarpattia	604150	650464	594078	645695	929	920
Zaporizhzhya	884153	1042657	835442	996657	848	838
Ivano-Frankivsk	663275	742854	650097	729780	893	891
Kyiv	841463	979598	797797	933693	859	854
Kirovohrad	516610	609094	472172	561153	848	841
Luhansk	1167914	1372277	1074092	1276657	851	841
Lviv	1234896	1371060	1201050	1340359	901	896
Mykolayiv	586770	676129	555166	647679	868	857
Odesa	1148820	1306846	1115397	1268271	879	879
Poltava	742204	879003	693743	823321	844	843
Rivne	554413	617032	543815	607115	899	896
Sumy	592005	704758	544262	650366	840	837
Ternopil	527953	610547	508373	586994	865	866
Kharkiv	1328884	1566929	1275394	1504889	848	848
Kherson	546638	626051	512211	593859	873	863
Khmelnyskiy	657285	769364	621189	725951	854	856
Cherkasy	635822	762491	596793	715068	834	835
Chernivtsi	430047	488981	421617	479845	879	879
Chernihiv	560445	675620	509571	617786	830	825
<b>cities</b>						
Kyiv	1193356	1373597	1248128	1450798	869	860
Sevastopol <sup>2</sup>	172115	205038	172035	205453	839	837

<sup>1</sup> For 2002, data of the Census as of 5 December 2001; for 2008, as of January 1

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

POPULATION

**16.5. Resident population, by age group**

*(as of January 1, 2008)*

	Total population, persons			Share of total population, percent		
	total	urban	rural	total	urban	rural
<b>Total population</b>	<b>46192309</b>	<b>31413141</b>	<b>14779168</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
of which by age, years						
under 1	468359	311266	157093	1,0	1,0	1,1
1–4	1702587	1133291	569296	3,7	3,6	3,8
5–9	1931995	1198776	733219	4,2	3,8	5,0
10–14	2398150	1467911	930239	5,2	4,7	6,3
15–19	3218533	2188419	1030114	7,0	7,0	7,0
20–24	3884537	2827532	1057005	8,4	9,0	7,1
25–29	3514462	2564521	949941	7,6	8,1	6,4
30–34	3326808	2357100	969708	7,2	7,5	6,6
35–39	3183351	2201744	981607	6,9	7,0	6,6
40–44	3181989	2193188	988801	6,9	7,0	6,7
45–49	3652368	2570613	1081755	7,9	8,2	7,3
50–54	3291399	2346941	944458	7,1	7,5	6,4
55–59	3054987	2187090	867897	6,6	6,9	5,9
60–64	1876080	1283603	592477	4,1	4,1	4,0
65–69	2589892	1663774	926118	5,6	5,3	6,3
70 and older	4916812	2917372	1999440	10,6	9,3	13,5
Of total population						
younger than working age	7070963	4470192	2600771	15,3	14,2	17,6
working age	28015469	19823461	8192008	60,7	63,1	55,4
older than working age	11105877	7119488	3986389	24,0	22,7	27,0

POPULATION

**16.6. Resident population, by main age group and region**

(as of January 1, 2008)

	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
<b>Ukraine</b>	<b>46192309</b>	<b>7070963</b>	<b>28015469</b>	<b>11105877</b>	<b>15,3</b>	<b>60,7</b>	<b>24,0</b>
Autonomous Republic of Crimea	1962317	289460	1211922	460935	14,8	61,7	23,5
<b>oblasts</b>							
Vinnitsya	1665132	272206	957250	435676	16,3	57,5	26,2
Volyn	1033708	205814	612952	214942	19,9	59,3	20,8
Dnipropetrovsk	3395089	487898	2072189	835002	14,4	61,0	24,6
Donetsk	4526033	588335	2759292	1178406	13,0	61,0	26,0
Zhytomyr	1306219	224892	756591	324736	17,2	57,9	24,9
Zakarpattia	1239773	251665	759092	229016	20,3	61,2	18,5
Zaporizhzhya	1832099	257831	1119015	455253	14,1	61,1	24,8
Ivano-Frankivsk	1379877	256494	827049	296334	18,6	59,9	21,5
Kyiv	1731490	266443	1042714	422333	15,4	60,2	24,4
Kirovohrad	1033325	160441	601946	270938	15,5	58,3	26,2
Luhansk	2350749	302875	1447675	600199	12,9	61,6	25,5
Lviv	2541409	438743	1542768	559898	17,3	60,7	22,0
Mykolayiv	1202845	187882	735432	279531	15,6	61,2	23,2
Odesa	2383668	375597	1463652	544419	15,8	61,4	22,8
Poltava	1517064	217311	898240	401513	14,3	59,2	26,5
Rivne	1150930	238577	684828	227525	20,7	59,5	19,8
Sumy	1194628	166421	717233	310974	13,9	60,1	26,0
Ternopil	1095367	191621	644785	258961	17,5	58,9	23,6
Kharkiv	2780283	360969	1739064	680250	13,0	62,5	24,5
Kherson	1106070	178901	674059	253110	16,2	60,9	22,9
Khmelnyskiy	1347140	221733	783178	342229	16,5	58,1	25,4
Cherkasy	1311861	195678	763176	353007	14,9	58,2	26,9
Chernivtsi	901462	164999	540630	195833	18,3	60,0	21,7
Chernihiv	1127357	156863	645475	325019	13,9	57,3	28,8
<b>cities</b>							
Kyiv	2698926	360959	1781601	556366	13,4	66,0	20,6
Sevastopol <sup>1</sup>	377488	50355	233661	93472	13,3	61,9	24,8

<sup>1</sup> See the second footnote to Table 16.4



POPULATION

**16.7. Cities and towns with over 50 thsd. present population<sup>1</sup>**

(thsd.)

	1989	2002	2003	2004	2005	2006	2007	2008
Alchevsk	125	119	118	118	117	117	116	115
Antratsyt	72	64	63	62	61	60	59	58
Artemivsk (Donetsk oblast)	90	83	82	81	81	80	80	80
Berdychiv	92	88	86	85	84	83	82	81
Berdiansk	133	122	121	120	119	119	118	118
Bila Tserkva	199	200	201	203	205	206	208	208
Bilhorod-Dnistrovskiy	56	52	51	51	51	51	50	50
Boryspil	51	54	55	55	55	56	56	57
Brovary	84	87	87	88	89	90	92	92
Vinnitsya	374	357	358	359	360	362	365	367
Horlivka	338	292	287	283	279	275	272	269
Dymytriv	63	55	54	54	53	52	52	51
Dniprodzerzhynsk	282	256	253	251	250	248	247	246
Dnipropetrovsk	1189	1065	1071	1063	1054	1047	1039	1030
Donetsk	1113	1016	1009	1004	1000	994	988	981
Drohobych	78	79	79	79	79	79	79	79
Druzhkivka	73	65	64	63	63	63	62	62
Enerhodar	47	56	56	55	55	54	54	54
Yevpatoriya	108	106	106	106	106	106	107	107
Yenakiyeve	120	104	101	99	97	94	92	91
Zhytomyr	292	284	282	280	278	276	274	272
Zaporizhzhya	881	815	808	804	799	795	790	785
Ivano-Frankivsk	214	218	219	218	219	221	221	223
Izmayil	93	85	84	83	81	80	78	77
Izium	64	56	56	55	55	54	54	54
Illichivsk	55	54	55	56	56	57	57	58
Kalush	68	68	68	67	67	67	67	67
Kamyanets-Podilskyi	103	100	100	100	99	100	100	100
Kerch	174	157	155	154	153	151	150	149
Kyiv	2603	2611	2622	2639	2666	2693	2718	2740
Kirovohrad	270	254	252	250	248	246	243	241
Kovel	67	66	66	67	67	67	67	67
Kolomiya	63	62	62	62	61	61	61	61
Komsomolsk	52	52	52	52	52	52	52	52
Konotop	96	93	92	91	91	91	90	90
Korosten	77	67	67	66	66	66	66	66
Kostyantynivka	106	95	93	91	89	87	85	83
Kramatorsk	198	181	179	177	175	173	172	170
Krasnyi Luch	113	95	93	91	90	88	87	86
Krasnoarmiysk (Donetsk oblast)	73	69	68	68	67	67	67	66
Kremenchuk	236	234	232	231	231	230	230	229
Kryvyi Rig	726	709	704	700	697	692	687	681
Lysychansk	127	115	114	113	111	110	109	108
Lozova	73	64	63	62	61	61	60	60
Luhansk	497	463	459	456	453	450	446	442
Lutsk	198	209	206	203	203	205	207	208
Lviv	791	733	733	733	734	735	735	735

POPULATION

Table 16.7 is continued

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

<sup>1</sup> 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

POPULATION

**16.8. Pensioners<sup>1</sup>**

(as of January 1)

	1991	1996	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total pensioners, thsd.</b>	<b>13084</b>	<b>14487</b>	<b>14447</b>	<b>14423</b>	<b>14376</b>	<b>14348</b>	<b>14065</b>	<b>14050</b>	<b>13937</b>	<b>13819<sup>2</sup></b>
of which										
retired by age	9713	10615	10299	10275	10273	10304	10363	10596	10576	10591
retired due to disability	1313	1814	2015	2033	2029	1977	1791	1605	1597	1571
survivors who lost their benefactor	1209	1195	1150	1127	1091	1077	923	852	840	822
entitled to pension for long service	...	429	552	558	575	592	599	627	640	621
entitled to welfare pensions	318	434	431	430	408	398	389	370	284	213
Proportion of pensioners per 1000 population	253	284	295	299	301	302	299	301	300	299

<sup>1</sup> As of January 1, 2008, there were 4476,6 thsd. pensioners who lived in rural areas, which amounted to 34 % of those registered at the Pension Fund bodies

<sup>2</sup> Including judges in resignation which receive the lifelong monetary maintenance

**16.9. Pensioners, by region**

(as of January 1, 2008)

	Total, persons	Including						Per 1000 population
		old age pensions	disability pensions	survivors' pensions	long service pensions	welfare pensions	the lifelong monetary maintenance	
<b>Ukraine</b>	<b>13819006</b>	<b>10590964</b>	<b>1571218</b>	<b>822459</b>	<b>620792</b>	<b>212582</b>	<b>991</b>	<b>299</b>
Autonomous Republic of Crimea	555065	407868	75785	31463	31979	7925	45	283
<b>oblasts</b>								
Vinnitsya	535235	410961	65612	28430	22220	7984	28	321
Volyn	289055	209649	43906	18891	12005	4594	10	280
Dnipropetrovsk	1046706	839311	87881	63811	41375	14244	84	308
Donetsk	1456136	1140771	154405	101533	39527	19792	108	322
Zhytomyr	425598	311021	56895	28489	22491	6675	27	326
Zakarpattia	288904	211225	35264	19482	12080	10834	19	233
Zaporizhzhya	555413	441153	54445	28794	22622	8346	53	303
Ivano-Frankivsk	374150	280124	51203	21914	11417	9470	22	271
Kyiv	561258	437589	62687	29560	23427	7975	20	324
Kirovohrad	323493	252032	33548	18400	14002	5490	21	313
Luhansk	764235	603850	68119	59683	23389	9130	64	325
Lviv	708192	531778	97485	40510	27036	11347	36	279
Mykolayiv	345979	263630	33605	23957	19732	5027	28	288
Odesa	654659	476937	86065	40351	40567	10678	61	275
Poltava	485505	379157	50705	25645	23991	5968	39	320
Rivne	312402	235843	41479	18597	10569	5896	18	271
Sumy	379420	299871	35700	20971	17579	5273	26	318
Ternopil	316262	252411	34387	14558	9430	5454	22	289
Kharkiv	812436	626445	89987	42886	41701	11365	52	292
Kherson	313537	243133	32541	19369	13236	5238	20	283
Khmelnyskiy	435584	321849	60641	26099	20536	6426	33	323
Cherkasy	435404	338466	52092	21927	16126	6777	16	332
Chernivtsi	240036	186070	27310	12068	9673	4899	16	266
Chernihiv	394005	295444	53994	22134	17481	4919	33	349
<b>cities</b>								
Kyiv	694830	515094	76333	34713	58803	9805	82	357
Sevastopol	115507	79282	9144	8224	17798	1051	8	306

POPULATION

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

(per 1000 present population)

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

**16.11. Births, deaths and natural population increase**

(thsd.)

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

POPULATION

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

(per 1000 present population)

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

**16.13. Births, by sex**

(persons)

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

**16.14. Birth rates, by age group**

(per 1000 females of the respective age group)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Females aged 15–49	53,3	38,9	30,6	30,0	31,2	32,7	34,3	34,4	37,5	38,8
including										
younger than 20	59,1	55,1	32,1	29,3	29,2	29,0	29,6	28,6	29,5	30,3
20–24	161,7	119,1	94,9	90,7	91,3	92,3	93,4	88,8	92,2	92,2
25–29	87,7	65,7	57,7	58,7	62,7	67,1	70,6	71,7	79,4	81,3
30–34	41,6	27,5	26,5	27,6	30,2	33,0	35,4	37,7	42,7	45,4
35–39	15,1	9,9	8,7	9,0	9,8	10,9	12,2	13,3	15,5	16,8
40–44	3,4	2,1	1,9	1,9	1,9	2,0	2,2	2,3	2,5	2,9
45–49	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Total fertility rate <sup>1</sup>	1,8	1,4	1,1	1,1	1,1	1,2	1,2	1,2	1,3	1,3

<sup>1</sup> Average number of births that a woman could have at the existing fertility rate

POPULATION

**16.15. Birth, death and natural population increase rates in 2007, 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
<b>Ukraine</b>	<b>10,2</b>	<b>9,9</b>	<b>10,7</b>	<b>16,4</b>	<b>14,7</b>	<b>20,1</b>	<b>-6,2</b>	<b>-4,8</b>	<b>-9,4</b>
Autonomous Republic of Crimea	11,0	10,3	12,1	15,8	15,9	15,8	-4,8	-5,6	-3,7
<b>oblasts</b>									
Vinnitsya	10,0	10,7	9,3	17,5	12,4	22,3	-7,5	-1,7	-13,0
Volyn	13,5	13,0	14,0	14,9	11,8	18,2	-1,4	1,2	-4,2
Dnipropetrovsk	10,1	10,0	10,6	17,5	16,7	21,7	-7,4	-6,7	-11,1
Donetsk	8,9	8,8	9,4	18,0	17,7	20,7	-9,1	-8,9	-11,3
Zhytomyr	10,9	11,0	10,7	18,5	14,3	23,9	-7,6	-3,3	-13,2
Zakarpattia	13,5	14,0	13,3	13,3	13,1	13,4	0,2	0,9	-0,1
Zaporizhzhya	9,6	9,4	10,1	16,7	15,4	21,0	-7,1	-6,0	-10,9
Ivano-Frankivsk	11,7	11,7	11,8	13,6	10,8	15,7	-1,9	0,9	-3,9
Kyiv	10,5	10,8	10,1	18,1	13,7	24,7	-7,6	-2,9	-14,6
Kirovohrad	9,6	9,8	9,3	18,4	16,2	21,9	-8,8	-6,4	-12,6
Luhansk	8,6	8,6	8,4	17,7	17,2	21,2	-9,1	-8,6	-12,8
Lviv	10,7	10,3	11,3	13,6	11,4	17,0	-2,9	-1,1	-5,7
Mykolayiv	10,2	9,5	11,8	16,6	15,1	19,6	-6,4	-5,6	-7,8
Odesa	11,2	10,1	13,2	16,2	14,5	19,6	-5,0	-4,4	-6,4
Poltava	8,7	8,9	8,5	18,5	15,3	23,4	-9,8	-6,4	-14,9
Rivne	13,7	12,1	15,1	14,0	10,7	17,0	-0,3	1,4	-1,9
Sumy	8,4	8,8	7,6	18,6	15,2	25,3	-10,2	-6,4	-17,7
Ternopil	10,4	11,1	9,8	14,9	10,5	18,3	-4,5	0,6	-8,5
Kharkiv	9,0	9,0	9,0	16,2	15,0	21,1	-7,2	-6,0	-12,1
Kherson	10,4	10,0	11,1	16,3	15,8	17,2	-5,9	-5,8	-6,1
Khmelnyskiy	10,1	10,7	9,4	17,0	11,6	23,2	-6,9	-0,9	-13,8
Cherkasy	8,9	9,4	8,4	18,2	14,1	23,3	-9,3	-4,7	-14,9
Chernivtsi	11,1	10,0	11,9	13,7	11,7	15,1	-2,6	-1,7	-3,2
Chernihiv	8,3	8,8	7,5	21,4	15,4	30,7	-13,1	-6,6	-23,2
<b>cities</b>									
Kyiv	10,4	10,4	×	11,4	11,4	×	-1,0	-1,0	×
Sevastopol <sup>1</sup>	10,5	10,4	12,0	15,5	15,6	13,9	-5,0	-5,2	-1,9

<sup>1</sup> See the second footnote to Table 16.4

POPULATION

**16.16. Share of children born by females not legally married**

(percent of total births)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>11,2</b>	<b>13,2</b>	<b>17,3</b>	<b>18,0</b>	<b>19,0</b>	<b>19,9</b>	<b>20,4</b>	<b>21,4</b>	<b>21,1</b>	<b>21,4</b>
in urban areas	10,5	13,4	17,7	18,3	19,3	20,0	20,3	21,2	20,8	20,9
in rural areas	12,6	12,8	16,6	17,5	18,4	19,6	20,7	21,8	21,9	22,3

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

(persons)

	1990		2006		2007	
	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
<b>Total</b>						
Total births	657202	73505	460368	97246	472657	100986
of which						
first child birth	343584	41705	261626	58773	267785	59288
second child birth	229561	18012	149920	25348	154739	27583
third child birth	54195	7841	31983	8155	33016	8837
fourth child birth	15170	3085	8921	2797	9260	3044
fifth and subsequent	14550	2787	7721	2052	7745	2160
order unknown	142	75	197	121	112	74
<b>In urban areas</b>						
Total births	442869	46601	306635	63634	314065	65699
of which						
first child birth	249743	29067	187664	40889	189851	41008
second child birth	155129	11535	97169	16411	101603	17922
third child birth	26768	3815	15501	4215	16183	4581
fourth child birth	5890	1183	3544	1238	3690	1308
fifth and subsequent	5218	930	2612	787	2662	825
order unknown	121	71	145	94	76	55
<b>In rural areas</b>						
Total births	214333	26904	153733	33612	158592	35287
of which						
first child birth	93841	12638	73962	17884	77934	18280
second child birth	74432	6477	52751	8937	53136	9661
third child birth	27427	4026	16482	3940	16833	4256
fourth child birth	9280	1902	5377	1559	5570	1736
fifth and subsequent	9332	1857	5109	1265	5083	1335
order unknown	21	4	52	27	36	19

POPULATION

**16.18. Death rates, by age group**

(per 1000 resident population of the respective age group)

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

**16.19. Death rates, by major causes of death**

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



POPULATION

**16.20. Death rates by major causes of death in 2007, 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
<b>Ukraine</b>	<b>1640,3</b>	<b>36,1</b>	<b>193,6</b>	<b>1033,4</b>	<b>53,9</b>	<b>72,2</b>	<b>141,9</b>
Autonomous Republic of Crimea	1583,2	41,0	185,2	1036,1	45,4	63,8	153,3
<b>oblasts</b>							
Vinnitsya	1752,4	17,0	189,4	1219,0	50,3	59,3	141,1
Volyn	1491,6	32,4	138,3	931,6	106,0	87,6	123,8
Dnipropetrovsk	1754,8	59,0	206,0	1098,1	63,4	107,6	161,8
Donetsk	1800,7	59,6	230,5	1108,3	47,1	94,8	164,1
Zhytomyr	1845,6	21,3	184,7	1237,8	60,7	67,3	167,8
Zakarpattia	1326,3	40,3	144,6	710,3	41,3	80,4	99,4
Zaporizhzhya	1671,1	31,8	235,1	903,3	47,6	51,1	149,0
Ivano-Frankivsk	1359,2	21,2	167,4	827,3	60,5	50,3	90,8
Kyiv	1806,6	35,0	212,4	1241,9	38,6	81,0	149,0
Kirovohrad	1836,7	42,3	220,9	1082,1	62,2	56,7	190,6
Luhansk	1774,2	33,3	196,1	1125,4	75,1	103,6	154,4
Lviv	1360,8	24,1	154,4	866,0	58,6	50,1	97,5
Mykolayiv	1657,4	55,7	189,0	839,3	38,7	88,1	156,2
Odesa	1621,4	69,7	200,1	988,0	41,8	87,5	163,6
Poltava	1852,0	30,5	207,6	1136,0	62,4	60,2	172,8
Rivne	1401,0	20,0	162,0	949,1	29,7	50,5	106,8
Sumy	1861,8	27,0	203,4	1168,4	74,6	57,9	167,3
Ternopil	1494,8	15,3	177,6	1026,6	77,5	48,4	88,9
Kharkiv	1623,1	22,5	173,9	1137,0	31,7	59,4	136,7
Kherson	1631,1	45,2	200,5	951,6	29,5	63,8	164,0
Khmelnyskiy	1702,2	22,3	202,8	962,0	66,2	67,2	128,7
Cherkasy	1820,2	22,5	189,8	1194,8	108,0	77,1	148,1
Chernivtsi	1368,0	20,1	183,0	931,9	47,3	36,3	101,1
Chernihiv	2135,9	32,3	208,4	1490,0	78,3	56,9	192,2
<b>cities</b>							
Kyiv	1139,9	20,8	175,3	713,0	26,7	62,6	88,7
Sevastopol <sup>1</sup>	1546,8	35,9	268,9	867,7	48,2	75,7	142,6

<sup>1</sup> See the second footnote to Table 16.4

POPULATION

**16.21. Death rates of infants under 1 year old**

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>12,8</b>	<b>14,7</b>	<b>11,9</b>	<b>11,3</b>	<b>10,3</b>	<b>9,6</b>	<b>9,5</b>	<b>10,0</b>	<b>9,8</b>	<b>11,0</b>
in urban areas	12,5	14,3	12,0	11,3	10,3	9,6	9,2	9,4	9,3	10,6
in rural areas	13,5	15,3	11,9	11,3	10,3	9,5	10,1	11,2	10,6	11,8

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

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

POPULATION

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

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

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

<sup>1</sup> See the second footnote to Table 16.4

POPULATION

**16.24. Deaths due to some external causes of deaths**

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

**16.25. Life expectancy at birth**

(years)

	Total	Including	
		males	females
1958–1959	69,8	66,1	72,6
1961–1962	70,9	67,3	73,6
1965–1966	71,6	67,7	74,5
1969–1970	70,8	66,5	74,3
1979–1980	69,7	64,6	74,0
1985–1986	70,5	65,9	74,5
1989–1990	70,7	65,9	75,0
1991–1992	69,3	64,2	74,2
1992–1993	68,7	63,5	73,7
1993–1994	68,0	62,8	73,2
1994–1995	67,2	61,8	72,7
1995–1996	66,9	61,4	72,7
1996–1997	67,4	61,9	73,0
1997–1998	68,1	62,7	73,5
1998–1999	68,3	63,0	73,7
1999–2000	67,9	62,4	73,6
2000–2001	68,3	62,8	74,1
2001–2002	68,3	62,7	74,1
2002–2003	68,2	62,6	74,1
2003–2004	68,2	62,6	74,1
2004–2005	68,0	62,2	74,0
2005–2006	68,1	62,4	74,1
2006–2007	68,3	62,5	74,2

POPULATION

**16.26. Marriages and divorces**

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

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

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

**16.28. Divorces by the number of common children under 18 within a couple in 2007**

	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
<b>Total</b>	<b>178364</b>	<b>76213</b>	<b>83229</b>	<b>16872</b>	<b>2050</b>	<b>6844</b>
in urban areas	138630	61996	65184	10552	898	2919
in rural areas	39734	14217	18045	6320	1152	3925

POPULATION

**16.29. Divorces, by duration of marriage**

	Total divorces	Of which by duration of marriage, years					
		under 1	1–4	5–9	10–14	15–19	20 and more
Thsd.							
1990	192,8	8,6	63,1	48,9	29,4	18,5	24,3
1995	198,3	10,5	63,3	54,0	30,1	19,1	21,3
2000	197,3	6,4	46,3	53,0	35,3	22,5	33,8
2001	181,3	5,0	41,7	48,3	33,3	21,4	31,6
2002	183,5	5,2	42,5	49,1	34,8	22,2	29,7
2003	177,2	4,7	41,2	46,3	33,8	21,6	29,6
2004	173,2	5,3	40,5	43,3	32,8	21,2	30,1
2005	183,5	4,7	44,8	45,6	34,7	23,0	30,7
2006	179,1	5,4	44,2	42,9	33,0	23,0	30,6
2007	178,4	5,7	45,7	42,2	30,6	22,5	31,7
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

**16.30. Basic directions of population migration in 2007**

	Persons			Per 100 thsd. present population		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
<b>Total migration</b>	<b>758292</b>	<b>741454</b>	<b>16838</b>	<b>1630,4</b>	<b>1594,2</b>	<b>36,2</b>
within Ukraine	711785	711785	×	1530,4	1530,4	×
within individual regions	435844	435844	×	937,1	937,1	×
interregional migration	275941	275941	×	593,3	593,3	×
international migration	46507	29669	16838	100,0	63,8	36,2
CIS countries	34961	20344	14617	75,2	43,8	31,4
other countries	11546	9325	2221	24,8	20,0	4,8

POPULATION

**16.31. Population migration in 2007, by region**

	International migration			Interregional migration		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
<b>Persons</b>						
<b>Ukraine</b>	<b>46507</b>	<b>29669</b>	<b>16838</b>	<b>275941</b>	<b>275941</b>	<b>×</b>
Autonomous Republic of Crimea	4798	2377	2421	11232	10129	1103
<b>oblasts</b>						
Vinnitsya	1299	793	506	9528	11567	-2039
Volyn	528	865	-337	5417	5191	226
Dnipropetrovsk	1943	1828	115	15959	15241	718
Donetsk	4698	3796	902	14484	15476	-992
Zhytomyr	583	622	-39	7910	9615	-1705
Zakarpattia	302	795	-493	2674	3746	-1072
Zaporizhzhya	1535	1292	243	8087	9211	-1124
Ivano-Frankivsk	413	500	-87	5669	5783	-114
Kyiv	828	307	521	17688	18933	-1245
Kirovohrad	402	401	1	5615	9816	-4201
Luhansk	1810	3313	-1503	7189	10522	-3333
Lviv	522	723	-201	8792	9788	-996
Mykolayiv	837	592	245	7006	7892	-886
Odesa	12420	1439	10981	10370	10014	356
Poltava	566	496	70	9481	10120	-639
Rivne	314	898	-584	6676	8063	-1387
Sumy	683	789	-106	6069	8285	-2216
Ternopil	253	451	-198	4680	6186	-1506
Kharkiv	3563	2252	1311	18997	16277	2720
Kherson	691	697	-6	6108	9098	-2990
Khmelnyskiy	713	590	123	8316	10136	-1820
Cherkasy	753	547	206	10568	11061	-493
Chernivtsi	606	507	99	4094	3581	513
Chernihiv	643	706	-63	7772	8834	-1062
<b>cities</b>						
Kyiv	3776	1606	2170	51109	28476	22633
Sevastopol <sup>1</sup>	1028	487	541	4451	2900	1551

## POPULATION

Table 16.31 is continued

	International migration			Interregional migration		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
<b>Per 100 thsd. present population</b>						
<b>Ukraine</b>	<b>100,0</b>	<b>63,8</b>	<b>36,2</b>	<b>593,3</b>	<b>593,3</b>	<b>×</b>
Autonomous Republic of Crimea	243,0	120,4	122,6	569,0	513,1	55,9
<b>oblasts</b>						
Vinnitsya	77,3	47,2	30,1	567,4	688,8	-121,4
Volyn	50,9	83,4	-32,5	522,3	500,5	21,8
Dnipropetrovsk	57,0	53,6	3,4	467,9	446,8	21,1
Donetsk	103,0	83,2	19,8	317,6	339,4	-21,8
Zhytomyr	44,4	47,4	-3,0	603,2	733,2	-130,0
Zakarpattia	24,3	64,0	-39,7	215,1	301,3	-86,2
Zaporizhzhya	83,4	70,2	13,2	439,5	500,6	-61,1
Ivano-Frankivsk	29,8	36,1	-6,3	409,6	417,8	-8,2
Kyiv	47,5	17,6	29,9	1014,1	1085,5	-71,4
Kirovohrad	38,4	38,3	0,1	536,6	938,1	-401,5
Luhansk	76,4	139,9	-63,5	303,5	444,2	-140,7
Lviv	20,4	28,2	-7,8	342,9	381,7	-38,8
Mykolayiv	69,3	49,0	20,3	580,1	653,5	-73,4
Odesa	518,6	60,1	458,5	433,0	418,1	14,9
Poltava	36,9	32,3	4,6	618,6	660,3	-41,7
Rivne	27,2	77,8	-50,6	578,9	699,2	-120,3
Sumy	56,7	65,5	-8,8	504,0	688,0	-184,0
Ternopil	22,9	40,9	-18,0	424,7	561,4	-136,7
Kharkiv	127,1	80,3	46,8	677,5	580,5	97,0
Kherson	62,1	62,6	-0,5	549,1	817,9	-268,8
Khmelnyskiy	52,6	43,5	9,1	613,4	747,6	-134,2
Cherkasy	57,0	41,4	15,6	799,5	836,8	-37,3
Chernivtsi	66,9	56,0	10,9	452,2	395,5	56,7
Chernihiv	56,2	61,7	-5,5	679,4	772,2	-92,8
<b>cities</b>						
Kyiv	138,3	58,8	79,5	1872,7	1043,4	829,3
Sevastopol <sup>1</sup>	271,0	128,4	142,6	1173,4	764,5	408,9

<sup>1</sup> See the second footnote to Table 16.4



POPULATION

**16.32. Ukrainian population migration to the CIS countries in 2007**

	Persons			Per 100 thsd. present population		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
<b>Ukraine</b>	<b>34961</b>	<b>20344</b>	<b>14617</b>	<b>75,2</b>	<b>43,8</b>	<b>31,4</b>
Autonomous Republic of Crimea	4594	2132	2462	232,7	108,0	124,7
<b>oblasts</b>						
Vinnitsya	1218	582	636	72,5	34,6	37,9
Volyn	435	470	-35	41,9	45,3	-3,4
Dnipropetrovsk	1661	1244	417	48,7	36,5	12,2
Donetsk	4213	3284	929	92,4	72,0	20,4
Zhytomyr	523	421	102	39,9	32,1	7,8
Zakarpattia	226	231	-5	18,2	18,6	-0,4
Zaporizhzhya	1369	999	370	74,4	54,3	20,1
Ivano-Frankivsk	363	210	153	26,2	15,2	11,0
Kyiv	741	186	555	42,5	10,7	31,8
Kirovohrad	375	319	56	35,8	30,5	5,3
Luhansk	1698	3126	-1428	71,7	132,0	-60,3
Lviv	363	287	76	14,2	11,2	3,0
Mykolayiv	707	435	272	58,5	36,0	22,5
Odesa	7142	778	6364	298,2	32,5	265,7
Poltava	486	388	98	31,7	25,3	6,4
Rivne	215	316	-101	18,6	27,4	-8,8
Sumy	634	687	-53	52,7	57,1	-4,4
Ternopil	185	157	28	16,8	14,3	2,5
Kharkiv	1855	1152	703	66,2	41,1	25,1
Kherson	639	557	82	57,5	50,1	7,4
Khmelnyskiy	656	391	265	48,3	28,8	19,5
Cherkasy	673	379	294	50,9	28,7	22,2
Chernivtsi	510	170	340	56,3	18,7	37,6
Chernihiv	563	536	27	49,2	46,8	2,4
<b>cities</b>						
Kyiv	1967	473	1494	72,1	17,4	54,7
Sevastopol <sup>1</sup>	950	434	516	250,4	114,4	136,0

<sup>1</sup> See the second footnote to Table 16.4

## POPULATION

**16.33. Persons with refugee status by basic age groups and by countries***(as of January 1, 2008)*

	Total refugees		Of which					
			younder than working age		working age		older than working age	
	males	females	males	females	males	females	males	females
<b>Total by countries</b>	<b>1525</b>	<b>752</b>	<b>260</b>	<b>267</b>	<b>1224</b>	<b>438</b>	<b>41</b>	<b>47</b>
<b>Europe</b>	<b>81</b>	<b>84</b>	<b>18</b>	<b>25</b>	<b>60</b>	<b>47</b>	<b>3</b>	<b>12</b>
of which								
Bosnia and Herzegovina	2	1	—	—	2	1	—	—
Russian Federation	75	81	18	25	54	44	3	12
<b>Asia</b>	<b>1186</b>	<b>616</b>	<b>226</b>	<b>224</b>	<b>922</b>	<b>357</b>	<b>38</b>	<b>35</b>
of which								
Azerbaijan	108	76	21	26	81	43	6	7
Afghanistan	802	369	151	146	630	202	21	21
Armenia	108	97	37	39	68	57	3	1
Georgia	33	46	12	9	16	32	5	5
Iraq	37	8	3	2	32	6	2	—
Iran, Islamic Republic of	28	6	2	—	26	6	—	—
Jordan	3	—	—	—	3	—	—	—
Kazakhstan	5	—	—	—	5	—	—	—
Syrian Arab Republic	34	2	—	2	33	—	1	—
Tajikistan	6	8	—	—	6	7	—	1
Sri Lanka	4	—	—	—	4	—	—	—
<b>Africa</b>	<b>246</b>	<b>47</b>	<b>14</b>	<b>16</b>	<b>232</b>	<b>31</b>	<b>—</b>	<b>—</b>
of which								
Angola	24	6	1	3	23	3	—	—
Burundi	7	—	—	—	7	—	—	—
Ethiopia	28	3	1	1	27	2	—	—
Congo	65	20	8	8	57	12	—	—
Rwanda	7	—	—	—	7	—	—	—
Somalia	20	1	—	—	20	1	—	—
Sudan	56	5	3	—	53	5	—	—
Sierra Leone	5	2	—	1	5	1	—	—

## 17. EMPLOYMENT

**Economically active population**, in line with the labor force concept, comprises all population aged 15–70 of either sex who during a certain period furnish labor 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 labor 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 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 written labor agreement (contract) at their work. This agreement could be either permanent or temporary. This category includes employees of entities, budget-funded and financial establishments and public organizations, the professional military personell in career service and also persons from private corps and key personell, foreign citizens.

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 types 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 entrepreneurs and through the contracts. Due to the changes made to methodology, starting from 2004 the number of the employees does not include persons who receive cash security (the professional military personnel and soldiers and offices).

Tables 17.28–17.31 give indicator on

the average accountable number of regular employees which is averaged over a period:

over the month by summing up the number of employees in the accountable strength for each calendar day of the month, i.e. from the 1<sup>st</sup> to 30 or 31<sup>th</sup> 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 accountable number of employees for all months of work that have elapsed during 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 labor contract and duration of work hours.

**Economic activity rate** is a ration (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 ration (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 conditions: were without work (gainful employment); 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; registered at State Employment Office as job-seekers; undergoing training by Employment Office order.

In Tables 17.17–17.27 information is based on data from the State Employment Center under the Ministry of Labor and Social Policy of Ukraine.

**Unemployment rate (ILO methodology)** is a relation (%) of the unemployed aged 15–70 to economically active population (labor force) of the specific age or the relevant social and demographic characteristic.

**Registered unemployed, according to the current legislation** are able-bodied persons of working ages who are not paid employees or do not receive income stipulated by legislation and are registered at a State Employment Office 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 relation (%) of the unemployed registered at the State Employment Office to average annual population of working ages.

Following the international statistical practice editorial clarifications to the breakdown of the unemployed by duration of job search and by duration of unemployment are written in Tables 17.13, 17.14 and 17.26. Furthermore the data are comparable with respect to the previously published data.

**Burden of those not engaged in labor activity per one vacant work place, vacancy** is defined as a ratio of those registered at the State Employment Office and not engaged in labor activity to the number of vacant work places, vacancies declared by enterprises, establishments and organizations.

**Layoffs due to economic reasons** are persons dismissed through an initiative issued by administration of enterprises, establishments and organizations because of reorganization, liquidation of production, cuts in numbers or staff.

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

This category includes pupils and students; pensioners due to old-age, disability, the one provided on the privileged conditions;

persons who are engaged in household work, raising children and caring for the sick; persons who are discouraged to find a job; those who are looking for a job but are not available to start working soon; other who are not willing to find 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 accounts of enterprises' funds.

**Training in new professions** includes the primary professional training of persons who previously did not have any professions and staff retraining in new professions as compared with the previously acquired one.

**Qualification upgrading** is training with the purpose 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.

**Collective contracts** is information about the number and structure of the collective contracts (concluded and registered) which is submitted by enterprises, departments and organizations and 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	2001	2002	2003	2004	2005	2006	2007
<b>Economically active population</b>	<b>22830,8</b>	<b>22426,5</b>	<b>22231,9</b>	<b>22171,3</b>	<b>22202,4</b>	<b>22280,8</b>	<b>22245,4</b>	<b>22322,3</b>
of working age	21150,7	20893,6	20669,5	20618,1	20582,5	20481,7	20545,9	20606,2
older than working age	1680,1	1532,9	1562,4	1553,2	1619,9	1799,1	1699,5	1716,1
<b>Employed</b>	<b>20175,0</b>	<b>19971,5</b>	<b>20091,2</b>	<b>20163,3</b>	<b>20295,7</b>	<b>20680,0</b>	<b>20730,4</b>	<b>20904,7</b>
of working age	18520,7	18453,3	18540,9	18624,1	18694,3	18886,5	19032,2	19189,5
older than working age	1654,3	1518,2	1550,3	1539,2	1601,4	1793,5	1698,2	1715,2
<b>Unemployed</b>	<b>2655,8</b>	<b>2455,0</b>	<b>2140,7</b>	<b>2008,0</b>	<b>1906,7</b>	<b>1600,8</b>	<b>1515,0</b>	<b>1417,6</b>
of working age	2630,0	2440,3	2128,6	1994,0	1888,2	1595,2	1513,7	1416,7
older than working age	25,8	14,7	12,1	14,0	18,5	5,6	1,3	0,9
<b>Economically inactive population</b>	<b>13318,4</b>	<b>13595,6</b>	<b>13667,5</b>	<b>13687,6</b>	<b>13622,9</b>	<b>13559,7</b>	<b>13542,1</b>	<b>13312,0</b>
of working age	7562,4	7894,1	8140,2	8262,8	8365,4	8410,3	8318,0	8144,8
older than working age	5756,0	5701,5	5527,3	5424,8	5257,5	5149,4	5224,1	5167,2

**17.2. Population in 2007, by economic activity, sex and place of residence***(aged 15–70; thsd.)*

	Total	Of which			
		females	males	urban population	rural population
<b>Economically active population</b>	<b>22322,3</b>	<b>10786,8</b>	<b>11535,5</b>	<b>15347,9</b>	<b>6974,4</b>
of working age	20606,2	9575,2	11031,0	14514,5	6091,7
older than working age	1716,1	1211,6	504,5	833,4	882,7
<b>Employed</b>	<b>20904,7</b>	<b>10139,9</b>	<b>10764,8</b>	<b>14309,7</b>	<b>6595,0</b>
of working age	19189,5	8928,9	10260,6	13477,2	5712,3
older than working age	1715,2	1211,0	504,2	832,5	882,7
<b>Unemployed</b>	<b>1417,6</b>	<b>646,9</b>	<b>770,7</b>	<b>1038,2</b>	<b>379,4</b>
of working age	1416,7	646,3	770,4	1037,3	379,4
older than working age	0,9	0,6	0,3	0,9	0,0
<b>Economically inactive population</b>	<b>13312,0</b>	<b>8099,5</b>	<b>5212,5</b>	<b>9566,6</b>	<b>3745,4</b>
of working age	8144,8	4468,2	3676,6	5807,7	2337,1
older than working age	5167,2	3631,3	1535,9	3758,9	1408,3

## EMPLOYMENT

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

	2000		2005		2006		2007	
	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
<b>Ukraine</b>	<b>22830,8</b>	<b>63,2</b>	<b>22280,8</b>	<b>62,2</b>	<b>22245,4</b>	<b>62,2</b>	<b>22322,3</b>	<b>62,6</b>
Autonomous Republic of Crimea	989,8	61,2	958,7	62,2	957,2	62,1	960,4	62,5
<b>oblasts</b>								
Vinnitsya	919,1	72,1	775,4	61,8	773,3	61,8	773,9	62,1
Volyn	540,0	72,0	471,8	63,1	471,7	63,2	472,3	63,3
Dnipropetrovsk	1735,8	63,7	1665,7	61,8	1667,4	62,1	1664,9	62,4
Donetsk	2383,5	63,8	2265,1	62,6	2261,6	62,8	2260,7	63,3
Zhytomyr	624,8	61,9	632,5	64,2	625,1	63,7	623,9	64,0
Zakarpattia	569,6	62,9	592,3	64,5	584,6	63,5	584,6	63,4
Zaporizhzhya	924,4	62,7	908,3	62,4	908,9	62,6	904,7	62,7
Ivano-Frankivsk	653,3	64,6	572,8	56,5	569,3	56,1	582,5	57,4
Kyiv	847,2	62,8	846,9	62,8	843,7	62,6	844,7	63,0
Kirovohrad	511,1	61,5	501,5	61,9	500,2	62,2	503,2	63,2
Luhansk	1135,3	57,5	1143,2	60,1	1137,0	60,2	1142,3	61,1
Lviv	1249,5	65,2	1167,0	61,2	1166,9	61,2	1167,7	61,3
Mykolayiv	586,4	61,8	595,0	63,2	595,7	63,3	597,6	63,7
Odesa	1151,3	62,1	1086,4	58,7	1095,2	59,3	1108,2	60,0
Poltava	748,2	62,5	744,5	62,9	744,9	63,0	744,0	63,4
Rivne	491,7	59,2	511,1	61,2	513,4	61,5	518,5	62,2
Sumy	603,5	62,6	591,2	63,0	588,0	62,8	587,4	63,3
Ternopil	475,1	58,1	467,4	57,9	453,5	56,3	463,3	57,7
Kharkiv	1463,5	65,9	1388,8	62,5	1391,3	62,6	1385,7	62,6
Kherson	556,4	62,8	548,9	63,1	553,0	63,9	551,3	64,0
Khmelnyskiy	652,7	63,0	641,9	63,4	640,2	63,4	641,1	63,7
Cherkasy	605,9	59,3	641,6	63,2	637,7	63,0	638,0	63,5
Chernivtsi	354,0	53,6	401,2	60,4	400,7	60,3	411,2	61,8
Chernihiv	586,9	64,8	562,3	64,9	547,8	63,7	546,2	64,2
<b>cities</b>								
Kyiv	1333,3	66,2	1412,6	66,2	1425,7	65,9	1450,3	66,5
Sevastopol	138,5	64,1	186,7	62,7	191,4	64,0	193,7	64,8

# EMPLOYMENT

## 17.4. Employment<sup>1</sup>

	Total employed, thsd.	Employees of enterprises, organizations and establishments, thsd.	Of which			
			industrial production		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

<sup>1</sup> See methodology notes

## 17.5. Employment, by type of economic activity<sup>1</sup>

(thsd.)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>20175,0</b>	<b>19971,5</b>	<b>20091,2</b>	<b>20163,3</b>	<b>20295,7</b>	<b>20680,0</b>	<b>20730,4</b>	<b>20904,7</b>
Agriculture, hunting, forestry	4334,1	4117,4	4107,0	4079,1	3974,6	3986,3	3633,8	3468,1
Industrial production	4598,3	4390,3	4220,4	4123,2	4077,1	4072,4	4036,9	3973,0
Construction	903,6	865,4	838,9	833,5	907,5	941,5	987,1	1030,2
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
Activity of transport and communications	1355,0	1325,9	1353,5	1361,4	1374,9	1400,5	1428,3	1451,9
Financial activity	166,1	171,9	178,0	190,3	216,1	247,9	283,9	344,4
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
Public administration	1198,6	1163,0	1183,4	1170,6	1050,2	1028,9	1033,7	1036,4
Education	1609,7	1621,3	1630,3	1637,2	1648,7	1668,2	1690,5	1693,7
Health care and provision of social aid	1379,6	1361,8	1359,8	1366,5	1348,9	1356,6	1356,7	1359,0
Other types of economic activity	692,8	698,0	714,6	734,3	806,6	835,9	833,7	848,9

<sup>1</sup> See the footnote to Table 17.4



## EMPLOYMENT

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

	2000		2005		2006		2007	
	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
<b>Ukraine</b>	<b>20175,0</b>	<b>55,8</b>	<b>20680,0</b>	<b>57,7</b>	<b>20730,4</b>	<b>57,9</b>	<b>20904,7</b>	<b>58,7</b>
Autonomous Republic of Crimea	909,9	56,2	906,1	58,7	908,6	59,0	916,5	59,6
<b>oblasts</b>								
Vinnitsya	839,4	65,9	723,0	57,6	722,6	57,7	726,8	58,3
Volyn	486,2	64,8	429,9	57,5	430,2	57,6	433,9	58,2
Dnipropetrovsk	1534,3	56,3	1573,8	58,4	1582,0	58,9	1582,4	59,3
Donetsk	2153,2	57,6	2124,9	58,7	2132,3	59,2	2135,0	59,8
Zhytomyr	548,0	54,3	570,6	57,9	568,1	57,9	570,4	58,5
Zakarpattia	503,3	55,6	551,0	60,0	543,3	59,0	547,6	59,4
Zaporizhzhya	807,4	54,8	846,0	58,2	850,6	58,6	850,4	58,9
Ivano-Frankivsk	584,7	57,8	522,5	51,6	522,3	51,5	535,7	52,8
Kyiv	739,0	54,8	791,0	58,6	791,7	58,8	795,1	59,3
Kirovohrad	435,2	52,4	457,5	56,5	458,9	57,1	462,4	58,1
Luhansk	1008,3	51,1	1054,4	55,4	1054,6	55,8	1066,7	57,1
Lviv	1082,7	56,5	1064,6	55,8	1070,1	56,1	1077,3	56,6
Mykolayiv	501,0	52,8	539,8	57,3	542,7	57,7	547,1	58,4
Odesa	1015,0	54,7	1028,1	55,6	1039,2	56,2	1059,7	57,4
Poltava	672,3	56,2	690,3	58,3	692,7	58,6	695,2	59,2
Rivne	431,8	52,0	461,6	55,2	465,4	55,7	471,8	56,6
Sumy	513,8	53,3	546,0	58,1	542,2	57,9	543,1	58,5
Ternopil	409,4	50,1	425,1	52,6	411,7	51,1	432,5	52,7
Kharkiv	1272,4	57,3	1297,2	58,4	1305,8	58,8	1311,5	59,2
Kherson	479,3	54,1	499,9	57,5	504,6	58,3	505,7	58,7
Khmelnyskiy	562,9	54,4	586,0	57,9	585,0	57,9	589,1	58,5
Cherkasy	534,9	52,3	578,7	57,0	580,8	57,4	585,2	58,2
Chernivtsi	293,6	44,5	361,7	54,5	363,4	54,7	376,0	56,5
Chernihiv	520,5	57,5	517,9	59,8	502,3	58,4	503,9	59,2
<b>cities</b>								
Kyiv	1218,3	60,5	1352,0	63,3	1375,6	63,6	1405,3	64,4
Sevastopol	118,2	54,7	180,4	60,6	183,7	61,4	187,4	62,7

# EMPLOYMENT

## 17.7. Number of employees, by type of economic activity<sup>1</sup>

(thsd.)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>16044,0</b>	<b>15279,2</b>	<b>14793,5</b>	<b>14323,5</b>	<b>14041,2</b>	<b>14005,3</b>	<b>14069,2</b>	<b>14001,9</b>
Agriculture, hunting, forestry	2752,8	2348,0	2101,1	1754,8	1613,8	1418,1	1295,3	1104,2
Industrial production	4474,2	4254,0	4074,9	3939,5	3897,2	3878,0	3808,9	3703,1
Construction	781,7	731,6	673,2	657,6	676,8	677,6	709,3	741,0
Trade; repair of motor vehicles, household appliances and personal demand items								
Activity of hotels and restaurants	1206,6	1203,1	1176,3	1167,5	1161,3	1234,2	1347,1	1451,4
Activity of transport and communications	1178,5	1125,4	1105,0	1093,8	1083,0	1090,2	1097,8	1088,3
Financial activity	165,2	171,0	176,8	188,2	214,0	245,6	279,7	336,7
Real estate transactions, renting, engineering and provision of services to businessmen	766,3	776,4	796,8	855,3	858,8	884,1	934,2	973,1
Public administration	1198,6	1163,0	1183,4	1170,6	1050,2	1028,9	1033,7	1036,4
Education	1608,5	1619,8	1627,5	1633,3	1643,7	1662,0	1682,7	1683,6
Health care and provision of social aid	1370,5	1351,1	1345,8	1348,9	1333,2	1338,3	1336,7	1335,9
Other types of economic activity	541,1	535,8	532,7	514,0	509,2	548,3	543,8	548,2

<sup>1</sup> See the footnote to Table 17.4

## 17.8. Number of employees, by region<sup>1</sup>

(thsd.)

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

<sup>1</sup> See the footnote to Table 17.4

## EMPLOYMENT

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

	2000		2005		2006		2007	
	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
<b>Ukraine</b>	<b>2655,8</b>	<b>11,6</b>	<b>1600,8</b>	<b>7,2</b>	<b>1515,0</b>	<b>6,8</b>	<b>1417,6</b>	<b>6,4</b>
Autonomous Republic of Crimea	79,9	8,1	52,6	5,5	48,6	5,1	43,9	4,6
<b>oblasts</b>								
Vinnitsya	79,7	8,7	52,4	6,8	50,7	6,6	47,1	6,1
Volyn	53,8	10,0	41,9	8,9	41,5	8,8	38,4	8,1
Dnipropetrovsk	201,5	11,6	91,9	5,5	85,4	5,1	82,5	5,0
Donetsk	230,3	9,7	140,2	6,2	129,3	5,7	125,7	5,6
Zhytomyr	76,8	12,3	61,9	9,8	57,0	9,1	53,5	8,6
Zakarpattia	66,3	11,6	41,3	7,0	41,3	7,1	37,0	6,3
Zaporizhzhya	117,0	12,7	62,3	6,9	58,3	6,4	54,3	6,0
Ivano-Frankivsk	68,6	10,5	50,3	8,8	47,0	8,3	46,8	8,0
Kyiv	108,2	12,8	55,9	6,6	52,0	6,2	49,6	5,9
Kirovohrad	75,9	14,9	44,0	8,8	41,3	8,3	40,8	8,1
Luhansk	127,0	11,2	88,8	7,8	82,4	7,2	75,6	6,6
Lviv	166,8	13,3	102,4	8,8	96,8	8,3	90,4	7,7
Mykolayiv	85,4	14,6	55,2	9,3	53,0	8,9	50,5	8,5
Odesa	136,3	11,8	58,3	5,4	56,0	5,1	48,5	4,4
Poltava	75,9	10,1	54,2	7,3	52,2	7,0	48,8	6,6
Rivne	59,9	12,2	49,5	9,7	48,0	9,3	46,7	9,0
Sumy	89,7	14,9	45,2	7,6	45,8	7,8	44,3	7,5
Ternopil	65,7	13,8	42,3	9,1	41,8	9,2	39,8	8,6
Kharkiv	191,1	13,1	91,6	6,6	85,5	6,1	74,2	5,4
Kherson	77,1	13,9	49,0	8,9	48,4	8,8	45,6	8,3
Khmelnyskiy	89,8	13,8	55,9	8,7	55,2	8,6	52,0	8,1
Cherkasy	71,0	11,7	62,9	9,8	56,9	8,9	52,8	8,3
Chernivtsi	60,4	17,1	39,5	9,8	37,3	9,3	35,2	8,6
Chernihiv	66,4	11,3	44,4	7,9	45,5	8,3	42,3	7,7
<b>cities</b>								
Kyiv	115,0	8,6	60,6	4,3	50,1	3,5	45,0	3,1
Sevastopol	20,3	14,7	6,3	3,4	7,7	4,0	6,3	3,3

## EMPLOYMENT

**17.10. Economically active population in 2007, 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
<b>Economically active population</b>	<b>22322,3</b>	<b>13,9</b>	<b>12,7</b>	<b>12,6</b>	<b>12,1</b>	<b>26,2</b>	<b>17,5</b>	<b>5,0</b>
females	10786,8	12,3	11,7	12,2	12,2	28,4	17,3	5,9
males	11535,5	15,4	13,6	12,9	12,0	24,2	17,5	4,4
<b>employed</b>	<b>20904,7</b>	<b>13,0</b>	<b>12,6</b>	<b>12,6</b>	<b>12,2</b>	<b>26,4</b>	<b>17,8</b>	<b>5,4</b>
females	10139,9	11,5	11,5	12,2	12,4	28,4	17,8	6,2
males	10764,8	14,5	13,6	13,0	12,1	24,5	17,7	4,6
<b>unemployed</b>	<b>1417,6</b>	<b>27,5</b>	<b>13,7</b>	<b>12,4</b>	<b>10,0</b>	<b>23,4</b>	<b>13,0</b>	<b>0,0</b>
females	646,9	25,8	14,2	12,3	9,2	28,3	10,2	0,0
males	770,7	28,7	13,4	12,5	10,7	19,4	15,3	0,0

**17.11. Employment rate in 2007, 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
<b>Total population</b>	<b>58,7</b>	<b>36,6</b>	<b>76,5</b>	<b>79,1</b>	<b>82,7</b>	<b>79,7</b>	<b>60,3</b>	<b>21,6</b>
females	53,7	32,0	68,4	73,6	79,9	78,6	53,0	19,7
males	64,3	41,0	84,5	84,8	85,5	81,0	69,4	24,7
urban population	57,4	34,2	77,3	79,4	83,6	79,9	58,6	13,5
rural population	61,5	42,3	74,4	78,4	80,6	79,3	64,7	36,6

**17.12. ILO unemployment rate in 2007, 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
<b>Total population</b>	<b>6,4</b>	<b>12,5</b>	<b>6,9</b>	<b>6,3</b>	<b>5,3</b>	<b>5,7</b>	<b>4,7</b>	<b>0,0</b>
females	6,0	12,5	7,3	6,0	4,5	6,0	3,5	—
males	6,7	12,4	6,6	6,5	6,0	5,4	5,8	0,1
urban population	6,8	13,6	7,1	6,6	5,0	6,0	4,9	0,1
rural population	5,4	10,2	6,2	5,5	5,8	4,9	4,3	—

## EMPLOYMENT

**17.13. ILO unemployed, by duration of unemployment<sup>1</sup>***(aged 15–70)*

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total unemployed, thsd.</b>	<b>2655,8</b>	<b>2455,0</b>	<b>2140,7</b>	<b>2008,0</b>	<b>1906,7</b>	<b>1600,8</b>	<b>1515,0</b>	<b>1417,6</b>
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
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
from 1 to 3 months	8,3	8,8	9,9	10,6	12,1	15,3	17,6	20,5
from 3 to 6 months	9,0	9,2	9,5	11,3	13,4	17,5	19,7	20,2
from 6 to 9 months	7,8	8,3	9,0	9,4	10,5	10,0	11,4	10,1
from 9 to 12 months	9,1	8,3	8,7	8,4	8,9	8,3	6,9	6,4
12 months and longer	63,3	62,6	60,5	58,0	49,7	42,5	37,6	34,9
<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>

<sup>1</sup> See the footnote to Table 17.4**17.14. ILO unemployed, by duration of job search<sup>1</sup>***(aged 15–70)*

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total unemployed, thsd.</b>	<b>2655,8</b>	<b>2455,0</b>	<b>2140,7</b>	<b>2008,0</b>	<b>1906,7</b>	<b>1600,8</b>	<b>1515,0</b>	<b>1417,6</b>
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
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
from 1 to 3 months	11,2	11,1	12,6	13,9	17,8	23,4	25,4	27,2
from 3 to 6 months	11,7	11,1	11,6	12,9	15,2	20,4	21,7	22,0
from 6 to 9 months	8,5	9,5	10,1	10,5	10,9	10,7	10,7	10,6
from 9 to 12 months	9,6	9,8	9,8	9,6	5,6	6,0	5,5	5,3
12 months and longer	55,4	55,4	53,2	50,0	42,5	29,8	25,8	23,0
<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>

<sup>1</sup> See the footnote to Table 17.4

# EMPLOYMENT

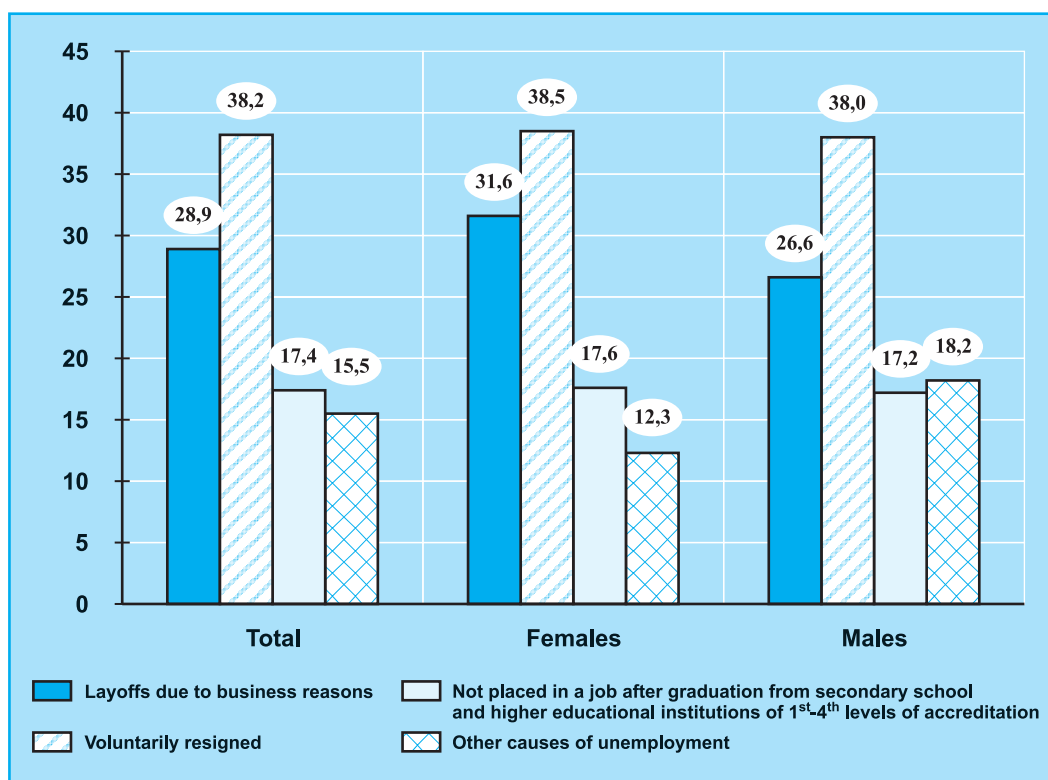
## 17.15. ILO unemployed, by cause of unemployment

(aged 15–70)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total unemployed, thsd.</b>	<b>2655,8</b>	<b>2455,0</b>	<b>2140,7</b>	<b>2008,0</b>	<b>1906,7</b>	<b>1600,8</b>	<b>1515,0</b>	<b>1417,6</b>
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
voluntarily resigned	29,8	33,8	37,5	38,9	37,8	35,1	37,4	38,2
demobilised after term military service	2,3	2,3	2,2	1,7	1,7	1,5	1,1	1,2
not placed in a job after graduation from secondary school and higher educational institutions of 1 <sup>st</sup> –4 <sup>th</sup> levels of accreditation	18,3	17,5	16,8	15,6	18,0	16,3	17,0	17,4
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
layoffs due to the end of contract	5,1	4,8	5,6	5,9	3,6	7,7	10,3	10,3
other causes of unemployment	3,2	3,3	3,4	3,6	4,7	6,4	3,0	3,2

## 17.16. ILO unemployed in 2007, by cause of unemployment and sex

(aged 15–70; percent)



EMPLOYMENT

**17.17. Layoffs, by type of economic activity**

	2005			2006			2007		
	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
<b>Total layoffs at enterprises, establishments and organizations</b>	<b>132,5</b>	<b>29,6</b>	<b>58,3</b>	<b>134,3</b>	<b>30,1</b>	<b>57,1</b>	<b>85,0</b>	<b>24,2</b>	<b>56,0</b>
Agriculture, hunting, forestry	20,4	54,7	51,9	18,9	50,1	49,8	7,8	41,6	45,3
Fishing, fishery	0,5	28,3	37,7	0,1	68,1	51,4	0,2	33,6	30,4
Industrial production	46,2	43,4	60,5	50,7	40,3	57,7	31,1	35,1	56,0
mining	3,1	29,2	56,6	5,0	28,7	46,0	3,2	26,5	50,6
manufacturing	39,0	48,3	61,8	41,7	45,3	59,9	24,9	38,3	57,7
production of electricity, gas and water	4,1	27,0	50,5	4,0	24,6	49,1	3,0	25,9	47,2
Construction	6,5	41,0	47,0	5,3	38,5	44,8	3,2	34,4	47,9
Trade; repair of motor vehicles, household appliances and personal demand items	12,2	53,2	69,8	13,7	46,8	65,1	6,3	42,0	58,2
Activity of hotels and restaurants	1,1	46,3	80,3	1,3	40,5	71,6	0,5	22,8	82,1
Activity of transport and communications	6,7	37,7	46,8	9,4	30,4	57,0	6,6	21,4	51,2
Financial activity	2,2	18,0	58,9	2,5	22,8	52,2	1,7	21,3	65,4
Real estate transactions, renting, engineering and provision of services to businessmen	6,9	30,5	62,1	6,5	32,2	62,1	6,4	19,5	59,4
Public administration	18,8	12,0	51,5	15,9	13,1	51,8	12,2	11,6	53,4
Education	3,5	18,7	72,1	3,4	16,4	69,0	3,0	20,7	70,4
Health care and provision of social aid	4,0	18,3	76,9	3,5	17,4	73,8	3,5	21,9	74,7
Provision of communal and individual services; cultural and sporting activity	3,5	32,3	59,8	3,1	28,4	60,6	2,5	26,8	58,4

## EMPLOYMENT

**17.18. Layoffs, by region**

	2005		2006		2007	
	thsd.	percentage of those to be sacked	thsd.	percentage of those to be sacked	thsd.	percentage of those to be sacked
<b>Ukraine</b>	<b>132,5</b>	<b>29,6</b>	<b>134,3</b>	<b>30,1</b>	<b>85,0</b>	<b>24,2</b>
Autonomous Republic of Crimea	5,4	25,0	4,7	24,5	2,7	23,1
<b>oblasts</b>						
Vinnitsya	5,9	34,3	5,5	38,9	2,5	22,5
Volyn	2,9	27,0	3,6	38,1	1,4	21,2
Dnipropetrovsk	8,2	31,5	6,8	28,6	6,9	24,8
Donetsk	9,7	31,7	10,6	28,4	7,5	29,8
Zhytomyr	3,6	23,7	3,8	21,6	2,1	19,8
Zakarpattya	3,2	40,6	2,7	38,0	1,3	33,8
Zaporizhzhya	5,3	28,8	4,6	25,6	2,9	22,7
Ivano-Frankivsk	3,7	29,6	3,8	29,8	1,2	16,9
Kyiv	3,1	22,6	4,7	28,1	2,4	21,6
Kirovohrad	3,1	30,7	2,5	29,1	1,8	24,3
Luhansk	6,9	39,3	7,0	29,9	6,1	31,6
Lviv	8,5	31,1	8,8	28,2	4,4	20,2
Mykolayiv	3,7	32,3	3,5	26,5	1,9	26,1
Odesa	5,9	26,0	5,1	26,6	3,9	18,4
Poltava	5,0	34,0	4,3	30,1	3,3	23,1
Rivne	4,4	36,7	5,2	37,2	1,7	23,8
Sumy	5,2	32,4	5,0	26,0	2,3	26,2
Ternopil	3,5	29,5	3,2	34,3	1,9	27,7
Kharkiv	8,5	25,5	10,3	34,9	6,8	27,0
Kherson	3,0	29,7	3,0	35,0	1,8	26,0
Khmelnyskiy	4,6	28,2	4,6	38,8	2,0	19,2
Cherkasy	4,0	34,8	6,2	41,7	2,5	27,7
Chernivtsi	1,5	35,3	1,5	29,3	0,7	20,5
Chernihiv	4,1	29,3	3,8	29,9	2,9	29,4
<b>cities</b>						
Kyiv	8,0	23,5	8,3	27,2	8,9	22,7
Sevastopol	1,6	27,5	1,2	29,5	1,2	24,5



EMPLOYMENT

**17.19. Labour demand, by type of economic activity**

(end of year)

	2005		2006		2007	
	thsd.	percentage of the total	thsd.	percentage of the total	thsd.	percentage of the total
<b>Total</b>	<b>186,6</b>	<b>100,0</b>	<b>170,5</b>	<b>100,0</b>	<b>169,7</b>	<b>100,0</b>
Agriculture, hunting, forestry	10,4	5,6	8,1	4,7	7,3	4,3
Fishing, fishery	0,2	0,1	0,1	0,1	0,1	0,1
Industrial production	65,8	35,2	55,8	32,7	57,4	33,8
mining	13,5	7,2	8,0	4,7	8,1	4,7
manufacturing	47,0	25,2	41,7	24,4	42,8	25,2
production of electricity, gas and water	5,3	2,8	6,1	3,6	6,5	3,9
Construction	17,4	9,4	17,0	10,0	16,7	9,9
Trade; repair of motor vehicles, household appliances and personal demand items	19,8	10,6	24,1	14,1	21,6	12,7
Activity of hotels and restaurants	1,9	1,0	2,4	1,4	2,6	1,5
Activity of transport and communications	12,3	6,6	11,4	6,7	13,1	7,7
Financial activity	4,7	2,5	3,7	2,2	3,6	2,1
Real estate transactions, renting, engineering and provision of services to businessmen	15,5	8,3	15,5	9,1	13,1	7,8
Public administration	19,2	10,3	14,2	8,3	16,8	9,9
Education	3,9	2,1	4,1	2,4	4,1	2,4
Health care and provision of social aid	9,8	5,3	8,5	5,0	9,0	5,3
Provision of communal and individual services; cultural and sporting activity	5,7	3,0	5,6	3,3	4,3	2,5

## EMPLOYMENT

**17.20. Demand and supply of labour force on labor 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	2006	2007	2005	2006	2007	2005	2006	2007
<b>Ukraine</b>	<b>903,5</b>	<b>780,9</b>	<b>660,3</b>	<b>186,6</b>	<b>170,5</b>	<b>169,7</b>	<b>5</b>	<b>5</b>	<b>4</b>
Autonomous Republic of Crimea	36,1	29,3	21,5	5,3	5,3	6,4	7	6	3
<b>oblasts</b>									
Vinnitsya	42,2	37,3	32,5	3,0	2,7	2,2	14	14	15
Volyn	24,8	19,3	16,5	2,2	3,3	3,6	11	6	5
Dnipropetrovsk	51,1	41,3	35,3	18,2	17,6	18,9	3	2	2
Donetsk	54,4	46,0	38,6	34,8	28,8	25,0	2	2	2
Zhytomyr	33,7	29,5	25,7	3,3	2,7	3,9	10	11	7
Zakarpattia	26,1	21,5	18,0	3,4	3,6	2,1	8	6	9
Zaporizhzhya	34,6	31,9	26,6	6,7	7,2	6,8	5	4	4
Ivano-Frankivsk	33,8	29,8	25,6	2,0	1,5	1,3	17	20	20
Kyiv	27,0	22,5	20,9	7,0	6,1	7,4	4	4	3
Kirovohrad	29,2	25,0	20,9	3,8	3,0	3,5	8	8	6
Luhansk	35,1	33,4	27,2	9,3	7,2	1,8	4	5	15
Lviv	52,2	42,5	33,3	4,9	4,7	4,0	11	9	8
Mykolayiv	31,7	25,4	22,0	4,0	2,3	2,7	8	11	8
Odesa	31,6	29,4	27,1	5,7	5,6	5,8	6	5	5
Poltava	41,3	37,8	33,8	5,3	4,6	6,2	8	8	5
Rivne	36,1	32,9	27,2	1,8	3,0	3,6	20	11	8
Sumy	30,5	27,0	22,6	2,6	1,9	2,0	12	14	11
Ternopil	43,8	35,7	30,0	1,8	1,1	1,8	24	33	17
Kharkiv	47,5	43,5	36,8	12,5	12,5	10,7	4	3	3
Kherson	27,5	22,8	18,9	2,2	1,5	2,9	12	15	7
Khmelnyskiy	30,2	30,4	24,1	3,5	2,1	1,1	9	15	23
Cherkasy	41,1	35,1	30,8	1,5	1,3	1,3	27	27	24
Chernivtsi	26,7	20,6	16,1	1,8	1,6	1,5	15	13	11
Chernihiv	25,9	22,8	21,2	3,9	4,4	4,5	7	5	5
<b>cities</b>									
Kyiv	7,4	6,7	5,7	33,9	32,3	36,2	0,2	0,2	0,2
Sevastopol	1,9	1,5	1,4	2,2	2,6	2,5	1	1	1

# EMPLOYMENT

## 17.21. Demand and supply of labour force on registered labor market, by occupational group

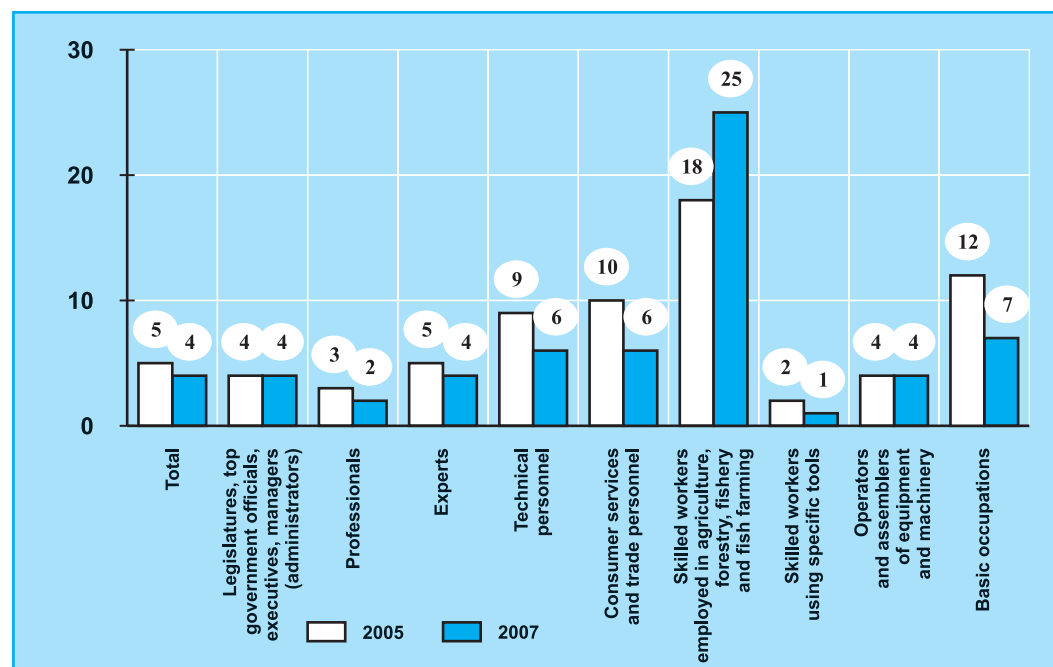
(end of year; thsd.)

	Registered persons not involved in economic activities			Demand on labour force to fill vacant work place		
	2005	2006	2007	2005	2006	2007
<b>Total</b>	<b>903,5</b>	<b>780,9</b>	<b>660,3</b>	<b>186,6</b>	<b>170,5</b>	<b>169,7</b>
Legislatures, top government officials, executives, managers (administrators)	56,0	55,2	47,5	12,7	10,6	11,1
Professionals	48,1	44,0	38,1	18,6	14,5	16,5
Experts	78,4	67,6	55,3	17,4	15,4	15,6
Technical personnel	46,7	42,4	36,3	5,1	5,3	6,4
Consumer services and trade personnel	120,6	100,5	86,7	12,4	14,5	15,1
Skilled workers employed in agriculture, forestry, fishery and fish farming	41,5	37,9	35,9	2,3	1,9	1,4
Skilled workers using specific tools	95,4	79,5	68,8	56,0	50,7	48,8
Operators and assemblers of equipment and machinery	153,5	138,5	120,4	39,6	33,4	31,7
Basic occupations <sup>1</sup>	263,3	215,3	171,3	22,5	24,2	23,1

<sup>1</sup> Including persons without occupations

## 17.22. Number of the unemployed per a vacant job, 2005 and 2007

(end of year; persons)



## EMPLOYMENT

**17.23. Placement of individuals not engaged in economic activity,  
by type of economic activity**

	2005		2006		2007	
	thsd.	females, percentage of the total	thsd.	females, percentage of the total	thsd.	females, percentage of the total
<b>Total placement</b>	<b>1049,8</b>	<b>50,6</b>	<b>1070,8</b>	<b>49,4</b>	<b>1098,6</b>	<b>48,9</b>
Agriculture, hunting, forestry	181,9	46,4	188,8	42,6	200,0	40,9
Fishing, fishery	2,3	22,6	2,0	19,8	1,8	22,7
Industrial production	312,2	39,6	302,9	40,0	322,8	39,4
mining	35,6	20,3	30,7	20,1	33,2	19,5
manufacturing	244,9	42,1	238,7	42,1	255,4	41,5
production of electricity, gas and water	31,7	42,2	33,5	43,2	34,2	43,0
Construction	48,8	25,0	51,8	23,4	54,6	23,1
Trade; repair of motor vehicles, household appliances and personal demand items	219,5	64,7	231,7	62,5	223,2	64,1
Activity of hotels and restaurants	17,4	79,3	21,8	77,2	23,3	79,0
Activity of transport and communications	55,5	39,4	60,1	38,7	59,8	37,1
Financial activity	8,9	77,5	9,0	75,0	9,3	75,4
Real estate transactions, lease and services to legal persons	34,9	51,1	40,0	49,1	45,1	49,0
Public administration	44,1	60,7	44,1	61,2	46,4	61,5
Education	38,2	59,5	36,2	56,1	35,1	56,0
Health care and provision of social aid	47,6	75,8	47,0	75,5	46,3	76,2
Provision of communal and individual services; cultural and sporting activity	38,5	57,2	35,4	58,2	30,9	60,0

## EMPLOYMENT

**17.24. Placement of individuals not engaged in economic activity, by region***(thsd.)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>229,7</b>	<b>597,0</b>	<b>772,7</b>	<b>831,8</b>	<b>877,3</b>	<b>984,2</b>	<b>1049,8</b>	<b>1070,8</b>	<b>1098,6</b>
Autonomous Republic of Crimea	13,8	25,5	31,4	32,9	34,9	37,3	39,1	39,1	39,3
<b>oblasts</b>									
Vinnitsya	9,3	22,6	33,4	37,7	39,5	41,5	44,1	46,3	46,7
Volyn	4,2	12,9	19,2	26,8	29,2	31,8	34,0	34,7	35,3
Dnipropetrovsk	21,3	49,6	57,9	61,9	63,2	69,9	73,5	73,9	74,7
Donetsk	20,8	46,2	66,7	66,4	68,7	72,6	78,0	72,3	80,1
Zhytomyr	6,7	24,1	30,5	30,2	32,6	37,2	39,8	40,2	39,9
Zakarpattia	6,4	16,9	22,4	24,1	25,8	28,5	30,5	29,9	30,2
Zaporizhzhya	10,2	26,5	36,4	38,1	39,4	41,0	44,3	44,8	44,9
Ivano-Frankivsk	3,7	20,5	32,4	37,3	38,0	43,7	46,4	46,5	47,9
Kyiv	5,9	22,0	25,2	27,1	27,7	29,9	31,6	31,5	32,8
Kirovohrad	7,8	18,9	21,7	23,8	25,9	29,6	31,6	32,4	33,3
Luhansk	7,6	28,4	39,1	41,0	41,7	43,1	43,9	44,2	45,7
Lviv	6,6	24,5	31,3	34,4	35,9	40,6	43,7	48,5	51,4
Mykolayiv	6,4	21,4	24,4	24,0	24,2	26,8	28,7	30,8	31,5
Odesa	10,0	16,8	21,7	23,6	27,6	33,3	36,0	37,2	38,8
Poltava	12,8	28,7	33,6	35,4	37,1	41,0	43,2	44,9	45,6
Rivne	4,5	16,7	22,0	25,8	27,4	31,0	33,0	34,1	35,0
Sumy	6,3	19,5	30,5	30,7	31,0	40,9	39,2	37,5	37,1
Ternopil	7,1	16,3	21,6	23,7	28,6	30,4	34,9	36,7	37,4
Kharkiv	7,1	32,7	39,7	43,1	47,1	55,6	59,5	59,7	60,9
Kherson	5,9	13,6	15,7	18,0	20,9	22,9	26,2	32,2	34,0
Khmelnyskiy	12,7	20,4	24,4	26,3	28,4	33,1	36,2	37,5	38,3
Cherkasy	14,5	24,3	32,0	34,4	36,1	39,5	43,7	46,0	46,9
Chernivtsi	1,3	8,0	12,1	15,4	15,7	18,1	19,6	20,1	20,1
Chernihiv	7,5	22,2	26,8	27,1	27,5	30,1	31,6	31,7	32,0
<b>cities</b>									
Kyiv	6,9	14,6	17,3	19,2	19,8	31,3	34,0	34,6	35,3
Sevastopol	2,4	3,2	3,3	3,4	3,4	3,5	3,5	3,5	3,5

## EMPLOYMENT

**17.25. Registered unemployment rate, by region***(end of year; percent)*

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

# EMPLOYMENT

## 17.26. Duration of registered unemployment<sup>1</sup>

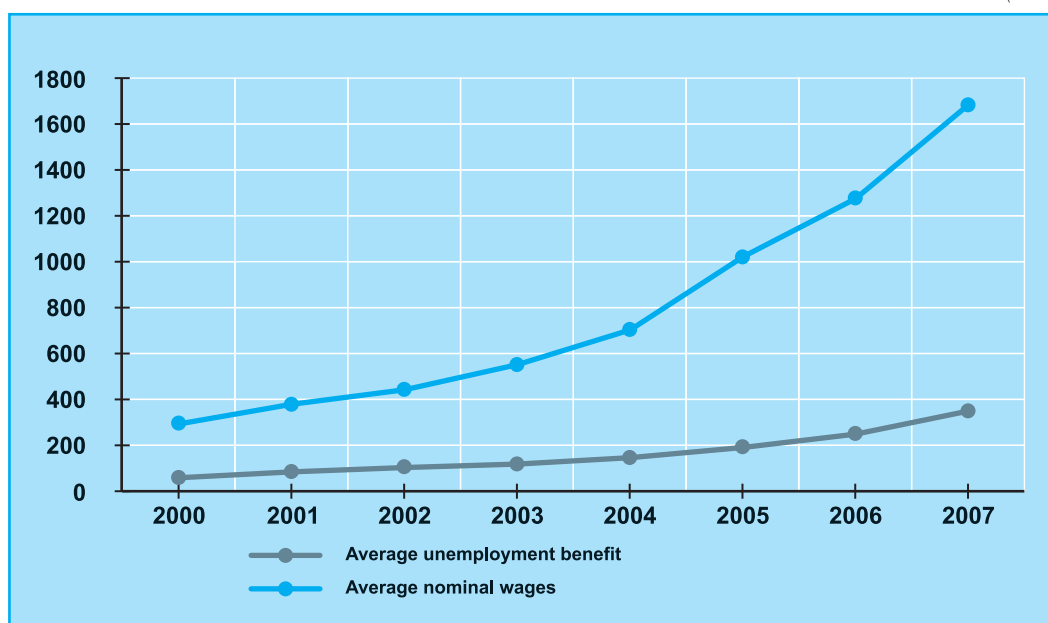
(end of year)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Persons with official unemployment status, thsd.</b>	<b>1155,2</b>	<b>1008,1</b>	<b>1034,2</b>	<b>988,9</b>	<b>981,8</b>	<b>881,5</b>	<b>759,5</b>	<b>642,3</b>
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
from 1 to 3 months	15,8	18,8	19,3	18,9	20,2	24,6	25,9	25,4
from 3 to 6 months	17,2	18,9	19,8	19,9	19,1	19,0	18,5	18,5
from 6 to 9 months	13,5	13,4	15,2	15,0	14,0	13,0	12,9	12,5
from 9 to 12 months	12,2	12,2	15,8	15,9	15,7	13,5	13,0	13,7
12 months and longer	33,2	25,8	18,4	17,4	16,0	12,5	11,2	11,6
<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>

<sup>1</sup> See the footnote to Table 17.4

## 17.27. Unemployment benefit and wages in December of 2000–2007

(UAH)



## EMPLOYMENT

**17.28. Average annual number of employees, by type of economic activity<sup>1</sup>**

(thsd.)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>18252</b>	<b>13678</b>	<b>12931</b>	<b>12235</b>	<b>11711</b>	<b>11316<sup>2</sup></b>	<b>11388</b>	<b>11433</b>	<b>11413</b>
Agriculture, hunting, forestry	3888	2551	2206	1877	1537	1274	1137	1005	868
Fishing, fishery	28	31	28	26	23	19	16	15	12
Industrial production	5485	4061	3811	3578	3416	3408	3416	3362	3287
Construction	1037	590	526	453	431	441	461	477	500
Trade; repair of motor vehicles, household appliances and personal demand items	988	630	600	571	563	590	676	780	874
Activity of hotels and restaurants	222	100	91	87	81	78	82	86	88
Activity of transport and communications	1400	1110	1048	1014	994	981	992	991	977
activity of surface transport	703	518	470	415	395	374	368	349	338
activity of water transport	49	36	33	31	27	17	17	16	15
activity of air transport	16	14	14	12	12	12	12	14	14
additional transport services and auxiliary operations	367	285	274	301	308	325	336	351	358
activity of mail and communications	266	257	256	255	252	253	259	261	252
Financial activity	169	146	151	156	169	189	216	246	298
Real estate transactions, renting, engineering and provision of services to businessmen	859	596	594	569	560	545	564	599	615
of which research and development	272	185	181	172	166	164	163	158	152
Public administration	549	610	631	667	702	551 <sup>2</sup>	570	590	599
Education	1759	1551	1565	1576	1584	1598	1610	1632	1641
Health care and provision of social aid	1396	1304	1291	1283	1281	1273	1271	1269	1271
Provision of communal and individual services; cultural and sporting activity	472	398	390	379	370	371	377	381	383
of which cultural, sporting, recreational and entertainment activities	332	269	267	267	267	268	278	285	286

<sup>1</sup> Excluding employees of statistically small enterprises and of natural persons-entrepreneurs<sup>2</sup> Prior to 2004, data on staff on the pay roll included categories comprising military personnel who received cash security, persons from private corps and key personnel. Comparisons with the previous years are not correct



## EMPLOYMENT

**17.29. Average annual number of employees, by region<sup>1</sup>***(thsd.)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>18252</b>	<b>13678</b>	<b>12931</b>	<b>12235</b>	<b>11711</b>	<b>11316</b>	<b>11388</b>	<b>11433</b>	<b>11413</b>
Autonomous Republic of Crimea	683	509	481	459	436	414	408	403	405
<b>oblasts</b>									
Vinnitsya	697	531	500	462	416	383	377	370	360
Volyn	372	284	266	246	231	220	222	223	222
Dnipropetrovsk	1449	1111	1071	1034	1005	990	1017	1037	1025
Donetsk	1954	1477	1410	1350	1312	1287	1290	1292	1287
Zhytomyr	536	400	372	345	328	311	303	293	284
Zakarpattia	343	257	239	220	208	203	205	207	214
Zaporizhzhya	779	595	566	537	516	502	499	505	510
Ivano-Frankivsk	433	318	288	262	243	237	241	244	244
Kyiv	643	469	444	422	398	389	391	393	396
Kirovohrad	451	317	292	275	255	241	237	235	229
Luhansk	1008	712	669	637	631	608	604	597	586
Lviv	923	691	644	608	587	573	581	580	586
Mykolayiv	500	359	330	315	301	290	288	279	271
Odesa	836	631	596	577	556	538	536	540	544
Poltava	673	513	483	459	438	419	417	414	409
Rivne	412	308	289	269	254	243	242	238	234
Sumy	549	401	381	356	336	319	308	301	294
Ternopil	421	306	273	238	222	210	206	203	198
Kharkiv	1101	825	789	753	731	698	709	723	714
Kherson	473	329	296	267	247	232	231	227	225
Khmelnyskiy	566	427	398	365	332	309	298	284	272
Cherkasy	566	424	399	363	330	311	308	310	304
Chernivtsi	280	198	180	166	157	152	150	150	149
Chernihiv	500	358	338	318	298	281	278	272	263
<b>cities</b>									
Kyiv	991	846	856	856	866	884	965	1036	1111
Sevastopol	113	84	81	78	77	76	77	77	77

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.30. Average annual number of employees, by industrial activity<sup>1</sup>***(thsd.)*

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Industrial production</b>	<b>4061</b>	<b>3811</b>	<b>3578</b>	<b>3416</b>	<b>3408</b>	<b>3416</b>	<b>3362</b>	<b>3287</b>
Mining	615	581	550	531	529	518	513	501
Manufacturing	2917	2704	2500	2356	2351	2370	2329	2268
production of foodstuffs, beverages and tobacco products	518	485	464	445	452	465	465	454
light industry	262	230	186	156	150	147	133	120
textile industry, sewing of clothes, fur and fur articles	221	197	161	135	129	126	112	100
production of leather, leather articles and other materials	41	33	25	22	22	21	21	20
wood working and production of wood products apart from furniture	41	36	34	33	34	37	38	40
cellulose and paper industry; printing	60	61	58	57	61	66	68	71
production of coke and refined petroleum products	54	55	57	58	59	59	54	53
chemical and petrochemical industry	201	193	191	179	178	182	184	181
production of chemicals	159	153	152	140	135	134	130	124
production of rubber and plastic products	42	40	39	39	43	48	54	57
production of other non-metallic mineral products	203	184	161	150	150	154	151	152
metallurgy and production of finished metal works	434	428	418	409	415	425	430	420
engineering	1061	958	867	810	793	773	740	710
manufacture of machinery and equipment	497	462	415	378	361	352	334	310
manufacture of electrical, electronic and optical equipment	281	239	205	184	180	174	172	168
manufacture of transport vehicles and equipment	283	257	247	247	252	247	234	232
other manufacture n.i.e.	83	74	64	59	60	63	65	67
Production and distribution of electricity, gas and water	529	526	528	529	528	527	520	518

<sup>1</sup> See the first footnote to Table 17.28

EMPLOYMENT

**17.31. Government employees, by type of activity**

	2005 <sup>1</sup>		2006 <sup>1</sup>		2007	
	thsd.	percent	thsd.	percent	thsd.	percent
<b>Total employees</b>	<b>569,6</b>	<b>100,0</b>	<b>589,8</b>	<b>100,0</b>	<b>599,2</b>	<b>100,0</b>
General government; social and economic administration	399,1	70,1	422,6	71,7	420,8	70,2
of which: administration						
at general government level	19,7	3,5	20,9	3,5	21,9	3,7
at the state autonomy level	2,1	0,4	2,1	0,4	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
the level of rayons and cities (including city districts)	119,5	21,0	125,6	21,3	124,1	20,7
at the level of townships and villages	73,3	12,9	74,2	12,6	74,2	12,4
in the sphere of financial and tax activity	89,7	15,7	90,8	15,4	91,0	15,2
regulation and promotion of effective economic activity	49,8	8,7	53,7	9,1	54,4	9,1
Provision of the state services to society	126,9	22,3	122,9	20,8	133,3	22,3
of which						
justice	68,3	12,0	60,3	10,2	67,4	11,2
safety	24,4	4,3	23,7	4,0	26,1	4,4
fire protection	20,3	3,6	22,3	3,8	21,4	3,6
Mandatory social insurance	43,6	7,6	44,2	7,6	45,1	7,5

<sup>1</sup> Data recalculated according to the current methodology of assigning of the government institutions to the certain type of activity

EMPLOYMENT

**17.32. Employees, by level of education and economic activity<sup>1</sup>**

(end of 2007)

	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
<b>Total</b>	<b>11646,0</b>	<b>2839,2</b>	<b>24,4</b>	<b>3307,4</b>	<b>28,4</b>
Agriculture, hunting, forestry	779,3	122,1	15,7	76,1	9,8
Fishing, fishery	11,3	2,0	17,7	1,4	12,5
Industrial production	3324,9	781,4	23,5	610,0	18,3
Construction	500,0	90,2	18,0	84,0	16,8
Trade; repair of motor vehicles, household appliances and personal demand items	921,1	235,7	25,6	262,6	28,5
Activity of hotels and restaurants	88,6	25,0	28,3	16,0	18,1
Activity of transport and communications	991,3	220,7	22,3	175,4	17,7
activity of surface transport	339,3	71,3	21,0	46,9	13,8
activity of water transport	14,8	4,4	29,4	3,7	24,6
activity of air transport	14,1	3,7	26,2	6,4	45,4
additional transport services and auxiliary operations	363,4	75,5	20,8	58,9	16,2
activity of mail and communications	259,7	65,8	25,3	59,5	22,9
Financial activity	335,9	86,4	25,7	195,6	58,2
Real estate transactions, renting, engineering and provision of services to businessmen	618,6	121,0	19,6	237,8	38,4
Public administration	628,4	143,9	22,9	385,1	61,3
Education	1718,9	325,5	18,9	875,8	51,0
Health care and provision of social aid	1336,1	567,3	42,5	270,1	20,2
Provision of communal and individual services; cultural and sporting activity	391,6	118,0	30,1	117,5	30,0

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.33. Working pensioners, by type of pension and economic activity<sup>1</sup>***(end of 2007)*

	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 <sup>rd</sup> group of disabled
<b>Total</b>	<b>1947,7</b>	<b>104,9</b>	<b>16,7</b>	<b>6,7</b>	<b>74,4</b>	<b>18,9</b>	<b>12,9</b>
Agriculture, hunting, forestry	85,6	94,6	11,0	6,1	60,4	33,5	23,1
Fishing, fishery	1,7	88,7	15,1	8,1	63,8	28,1	20,0
Industrial production	593,6	101,6	17,9	4,9	74,4	20,7	15,1
Construction	81,0	106,7	16,2	6,7	71,0	22,2	14,8
Trade; repair of motor vehicles, household appliances and personal demand items	90,1	114,4	9,8	8,1	59,2	32,7	17,7
Activity of hotels and restaurants	12,5	107,1	14,1	4,5	73,1	22,5	13,6
Activity of transport and communications	123,4	103,6	12,4	11,3	67,3	21,4	15,6
activity of surface transport	46,9	101,0	13,8	8,2	72,9	18,9	13,8
activity of water transport	3,2	100,4	21,7	11,7	76,5	11,8	7,6
activity of air transport	3,0	101,9	21,6	40,7	44,8	14,5	8,0
additional transport services and auxiliary operations	37,8	108,2	10,4	14,3	62,1	23,6	17,5
activity of mail and communications	32,5	102,9	12,5	9,5	66,6	24,0	17,5
Financial activity	31,2	119,6	9,3	16,7	44,4	38,9	20,3
Real estate transactions, renting, engineering and provision of services to businessmen	146,6	105,2	23,7	6,5	79,7	13,8	8,6
Public administration	64,4	109,9	10,2	24,7	54,3	21,0	14,4
Education	345,0	106,6	20,1	4,8	84,6	10,6	6,9
Health care and provision of social aid	289,6	107,4	21,7	5,3	79,1	15,6	11,2
Provision of communal and individual services; cultural and sporting activity	83,0	106,6	21,2	6,4	79,1	14,5	8,6

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.34. Employment of youth, by type of economic activity<sup>1</sup>***(end of 2007)*

	Employees aged 15–34		
	total, thsd.	percentage of payroll employees	females of specific age group in the recorded number of the working females, percent
<b>Total</b>	<b>3669,5</b>	<b>31,5</b>	<b>31,4</b>
Agriculture, hunting, forestry	185,9	23,9	24,1
Fishing, fishery	2,7	23,8	20,4
Industrial production	1051,9	31,6	29,5
Construction	148,1	29,6	24,5
Trade; repair of motor vehicles, household appliances and personal demand items	467,4	50,7	50,0
Activity of hotels and restaurants	36,0	40,6	39,5
Activity of transport and communications	297,4	30,0	29,4
activity of surface transport	90,9	26,8	26,8
activity of water transport	3,8	26,1	22,8
activity of air transport	4,4	30,7	37,0
additional transport services and auxiliary operations	113,1	31,1	28,2
activity of mail and communications	85,2	32,8	32,1
Financial activity	192,9	57,4	59,1
Real estate transactions, renting, engineering and provision of services to businessmen	181,0	29,3	26,2
Public administration	227,1	36,1	38,6
Education	407,7	23,7	25,8
Health care and provision of social aid	366,5	27,4	29,2
Provision of communal and individual services; cultural and sporting activity	104,9	26,8	27,0

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.35. Staff training and skills upgrading in 2007, by type of economic activity<sup>1</sup>**

	Training in new occupations			Skills upgrading		
	total, thsd.	percentage of total regular employees	of which females, thsd.	total, thsd.	percentage of total regular employees	of which females, thsd.
<b>Total</b>	<b>310,6</b>	<b>2,7</b>	<b>80,7</b>	<b>1071,2</b>	<b>9,2</b>	<b>439,0</b>
Agriculture, hunting, forestry	11,4	1,5	1,5	17,4	2,2	2,8
Fishing, fishery	0,2	1,5	0,0	0,4	3,9	0,0
Industrial production	217,5	6,5	54,9	473,6	14,2	97,7
Construction	18,2	3,6	1,0	25,9	5,2	1,7
Trade; repair of motor vehicles, household appliances and personal demand items	9,2	1,0	2,9	15,6	1,7	6,2
Activity of hotels and restaurants	0,3	0,3	0,1	1,1	1,2	0,7
Activity of transport and communications	34,4	3,5	11,9	117,1	11,8	34,9
activity of surface transport	8,9	2,6	2,1	31,1	9,2	7,2
activity of water transport	0,4	2,7	0,0	2,5	16,7	0,1
activity of air transport	1,4	10,2	0,4	2,9	20,8	0,8
additional transport services and auxiliary operations	14,7	4,0	2,3	47,0	12,9	9,4
activity of mail and communications	9,0	3,5	7,1	33,6	13,0	17,3
Financial activity	1,9	0,6	1,6	34,6	10,3	20,7
Real estate transactions, renting, engineering and provision of services to businessmen	8,7	1,4	2,0	25,3	4,1	8,4
Public administration	2,8	0,4	1,1	72,3	11,5	43,3
Education	2,4	0,1	1,5	155,0	9,0	119,9
Health care and provision of social aid	2,1	0,2	1,5	120,8	9,0	94,2
Provision of communal and individual services; cultural and sporting activity	1,5	0,4	0,7	12,1	3,1	8,5

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.36. Staff training and skills upgrading in 2007, by region<sup>1</sup>**

	Training in new occupations			Skills upgrading		
	total, thsd.	percentage of total regular employees	of which females, thsd.	total, thsd.	percentage of total regular employees	of which females, thsd.
<b>Ukraine</b>	<b>310,6</b>	<b>2,7</b>	<b>80,7</b>	<b>1071,2</b>	<b>9,2</b>	<b>439,0</b>
Autonomous Republic of Crimea	9,4	2,3	2,7	38,4	7,7	17,7
<b>oblasts</b>						
Vinnitsya	7,0	2,0	2,2	24,7	6,9	12,5
Volyn	3,6	1,5	0,8	19,8	8,4	9,6
Dnipropetrovsk	40,2	3,9	8,4	131,2	12,6	43,4
Donetsk	57,1	4,3	14,4	153,2	11,6	54,2
Zhytomyr	6,2	2,1	1,6	19,9	6,8	9,6
Zakarpattia	7,6	3,4	3,8	16,1	7,2	8,4
Zaporizhya	20,7	4,0	4,6	66,8	12,9	21,1
Ivano-Frankivsk	4,2	1,7	0,7	23,5	9,2	11,3
Kyiv	13,3	3,3	3,6	28,8	7,2	12,6
Kirovohrad	5,9	2,6	1,3	20,9	9,2	10,3
Luhansk	26,1	4,3	6,3	63,1	10,5	22,8
Lviv	7,7	1,3	1,7	42,0	6,9	19,4
Mykolayiv	5,2	1,9	1,1	21,6	8,0	9,5
Odesa	11,6	2,1	3,4	39,1	7,1	17,5
Poltava	10,4	2,6	2,7	40,7	10,0	14,8
Rivne	5,4	2,2	1,5	22,0	8,9	10,6
Sumy	8,0	2,7	2,6	28,4	9,6	12,3
Ternopil	2,9	1,4	0,9	13,8	7,0	7,5
Kharkiv	16,0	2,2	4,1	62,5	8,6	24,7
Kherson	5,5	2,4	1,5	20,1	8,9	8,4
Khmelnyskiy	6,0	2,2	1,6	23,1	8,4	10,7
Cherkasy	6,2	2,1	2,1	20,8	6,9	10,0
Chernivtsi	2,7	1,7	0,8	10,9	7,0	6,3
Chernihiv	4,4	1,7	1,2	19,8	7,5	9,3
<b>cities</b>						
Kyiv	16,2	1,4	4,7	94,1	8,1	40,9
Sevastopol	1,1	1,5	0,4	5,9	7,6	3,6

<sup>1</sup> See the first footnote to Table 17.28



## EMPLOYMENT

**17.37. Rate for employees' recruitment and retirement, by type of economic activity<sup>1</sup>**  
*(percent of averaged payroll employees)*

	Recruited					Retired				
	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
<b>Total</b>	<b>25,3</b>	<b>27,1</b>	<b>27,4</b>	<b>28,2</b>	<b>29,7</b>	<b>29,5</b>	<b>28,8</b>	<b>29,2</b>	<b>29,9</b>	<b>30,7</b>
Agriculture, hunting, forestry	25,3	31,8	36,5	40,8	43,4	46,7	46,6	50,4	54,5	56,4
Fishing, fishery	39,2	32,8	42,4	45,9	36,4	50,6	50,0	57,0	54,4	54,8
Industrial production	28,0	29,8	28,2	27,2	28,5	31,8	29,9	30,4	31,1	31,3
Construction	45,0	46,8	44,7	45,1	46,5	47,9	48,3	48,1	45,9	46,2
Trade; repair of motor vehicles, household appliances and personal demand items	45,1	51,1	55,5	59,9	60,8	48,3	50,7	51,1	53,6	55,0
Activity of hotels and restaurants	50,7	51,4	56,3	60,1	62,8	58,4	57,1	58,7	62,0	63,1
Activity of transport and communications	20,6	20,4	20,7	21,5	23,0	22,6	22,1	21,3	23,4	25,3
activity of surface transport	22,2	22,4	22,1	22,1	24,0	27,7	26,7	24,7	25,0	27,1
activity of water transport	12,9	17,9	19,1	20,3	19,4	22,9	19,8	20,0	24,0	27,5
activity of air transport	31,2	24,9	21,9	23,7	24,6	33,0	25,8	18,7	22,3	23,9
additional transport services and auxiliary operations	14,6	14,9	16,2	15,2	18,3	14,3	15,3	15,8	16,5	18,4
activity of mail and communications	24,1	24,5	24,5	28,9	28,6	24,2	24,1	23,7	30,7	32,6
Financial activity	34,9	39,5	39,4	45,3	52,8	26,4	27,0	28,8	29,8	35,1
Real estate transactions, renting, engineering and provision of services to businessmen	33,3	35,2	34,3	35,2	38,5	36,8	37,5	36,6	35,5	40,2
of which research and development	18,5	20,7	18,0	16,9	17,3	21,2	20,2	20,3	20,0	19,5
Public administration	19,5	21,2	20,5	20,0	20,9	15,2	18,0	19,6	18,7	18,5
Education	15,2	14,3	14,1	13,7	13,6	14,1	13,8	13,2	13,1	13,4
Health care and provision of social aid	15,9	14,7	14,5	14,2	14,1	16,0	15,2	14,8	14,5	14,1
Provision of communal and individual services; cultural and sporting activity	26,2	25,3	24,3	25,8	27,0	26,6	26,1	25,1	26,0	25,8
of which cultural, sporting, recreational and entertainment activities	22,2	20,5	21,3	22,8	22,7	21,0	20,6	20,2	21,3	21,3

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.38. Use of employees' working time fund in 2007, by type of economic activity<sup>1</sup>***(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		
<b>Total</b>	<b>1932</b>	<b>1689</b>	<b>87,4</b>	<b>218</b>	<b>25</b>
Agriculture, hunting, forestry	1931	1715	88,8	180	36
Fishing, fishery	1945	1677	86,2	162	106
Industrial production	1991	1695	85,2	251	45
Construction	2001	1759	87,9	188	54
Trade; repair of motor vehicles, household appliances and personal demand items	1954	1814	92,8	123	17
Activity of hotels and restaurants	1924	1731	89,9	146	47
Activity of transport and communications	1986	1717	86,4	244	25
activity of surface transport	2030	1751	86,3	244	35
activity of water transport	2001	1650	82,4	238	113
activity of air transport	1950	1723	88,4	213	14
additional transport services and auxiliary operations	2029	1732	85,4	274	23
activity of mail and communications	1866	1652	88,5	205	9
Financial activity	1977	1814	91,7	156	7
Real estate transactions, renting, engineering and provision of services to businessmen	1978	1771	89,6	186	21
of which research and development	1981	1716	86,6	227	38
Public administration	1960	1709	87,2	248	3
Education	1705	1464	85,9	239	2
Health care and provision of social aid	1972	1735	88,0	230	7
Provision of communal and individual services; cultural and sporting activity	1848	1658	89,7	178	12
of which cultural, sporting, recreational and entertainment activities	1812	1628	89,8	179	5

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.39. Use of employees' working time fund in 2007, by industrial activity<sup>1</sup>***(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		
<b>Industrial production</b>	<b>1991</b>	<b>1695</b>	<b>85,2</b>	<b>251</b>	<b>45</b>
Mining	1861	1516	81,5	330	15
mining of fuel and energy minerals	1799	1445	80,3	345	9
mining operations apart from fuel and energy materials	2010	1686	83,9	297	27
Manufacturing	2014	1720	85,4	234	60
production of foodstuffs, beverages and tobacco products	1997	1750	87,6	196	51
light industry	1980	1638	82,7	230	112
textile industry, sewing of clothes, fur and fur articles	1981	1635	82,5	234	112
production of leather, leather articles and other materials	1978	1654	83,6	208	116
wood working and production of wood products apart from furniture	1989	1753	88,1	191	45
cellulose and paper industry; printing	2004	1773	88,4	202	29
production of coke and refined petroleum products	2023	1719	85,0	293	11
chemical and petrochemical industry	1998	1723	86,2	230	45
production of chemicals	2005	1720	85,8	245	40
production of rubber and plastic products	1983	1729	87,2	197	57
production of other non-metallic mineral products	2025	1756	86,7	221	48
metallurgy and production of finished metal products	2044	1732	84,8	284	28
engineering	2019	1689	83,7	239	91
manufacture of machinery and equipment	2004	1686	84,1	239	79
manufacture of electrical, electronic and optical equipment	1998	1653	82,7	227	118
manufacture of transport vehicles and equipment	2054	1719	83,7	247	88
other manufacture n.i.e.	1983	1758	88,6	176	49
Production and distribution of electricity, gas and water	2016	1760	87,3	246	10

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.40. Labour contracts concluded, by type of economic activity<sup>1</sup>***(end of 2007)*

	Total labour contracts concluded		Employees covered by contracts		Average expenditure per employee	
	units	percent of the previous period	thsd.	percentage of total payroll employees	UAH <sup>2</sup>	percent of the previous period
<b>Total</b>	<b>95781</b>	<b>103,6</b>	<b>9596,1</b>	<b>82,4</b>	<b>283,05</b>	<b>119,2</b>
Agriculture, hunting, forestry	8099	93,7	672,8	86,3	59,92	136,1
Fishing, fishery	160	88,4	9,4	83,3	19,91	94,5
Industrial production	10065	103,3	3073,3	92,4	431,74	129,6
mining	586	102,6	499,6	99,2	621,03	125,4
manufacturing	7921	102,3	2057,8	90,0	352,72	132,4
production and distribution of electricity, gas and water	1558	108,7	515,9	96,4	563,58	127,0
Construction	4189	101,6	386,6	77,3	413,67	131,0
Trade; repair of motor vehicles, household appliances and personal demand items	8213	99,4	466,7	50,7	102,45	108,4
Activity of hotels and restaurants	1178	102,3	54,7	61,8	297,95	115,5
Activity of transport and communications	3640	101,4	919,1	92,7	834,97	124,4
activity of surface transport	1621	96,0	305,1	89,9	980,55	135,8
activity of water transport	37	100,0	14,4	97,4	448,68	111,2
activity of air transport	45	88,2	10,2	71,7	463,90	111,0
additional transport services and auxiliary operations	1242	106,1	348,8	96,0	909,66	120,8
activity of mail and communications	695	108,1	240,6	92,6	580,76	111,4
Financial activity	1623	110,0	180,7	53,8	539,39	128,7
Real estate transactions, renting, engineering and provision of services to businessmen	6373	102,0	497,8	80,5	253,24	116,2
of which research and development	1075	99,7	144,0	93,5	258,34	107,8
Public administration	13281	114,6	400,8	63,8	68,79	32,8
Education	25221	104,5	1478,4	86,0	23,65	49,8
Health care and provision of social aid	7316	105,1	1184,0	88,6	37,39	70,7
Provision of communal and individual services; cultural and sporting activity	6423	101,2	271,8	69,4	99,38	108,4
of which cultural, sporting, recreational and entertainment activities	4748	102,4	196,6	66,7	87,84	102,2

<sup>1</sup> See the first footnote to Table 17.28<sup>2</sup> Benefits and allowances to personnel and their families not stipulated by legislation

## EMPLOYMENT

**17.41. Employees' working conditions, by type of economic activity<sup>1</sup>***(end of 2007)*

	Total employees whose working conditions are not in compliance with sanitary norms			
	total		of which females	
	thsd.	percentage of total payroll employees	thsd.	percentage of total payroll employees
<b>Total by selected economic activities</b>	<b>1512,1</b>	<b>27,5</b>	<b>355,6</b>	<b>16,7</b>
of which				
Agriculture, hunting and related services	56,7	8,2	17,2	6,5
Industrial production	1161,4	34,9	299,1	22,2
Mining	347,5	69,0	54,4	39,7
mining of energy and energy sources	259,9	73,5	39,0	41,3
of which mining of coal, lignite and peat	238,6	76,5	36,8	42,7
mining operations apart from fuel and energy materials	87,6	58,4	15,4	36,0
Manufacturing	649,8	28,4	202,7	20,3
production of foodstuffs, beverages and tobacco products	67,8	15,0	31,4	13,4
light industry	11,7	9,2	7,4	7,4
textile industry, sewing of clothes, fur and fur articles	8,7	8,1	5,6	6,5
production of leather, leather articles and other materials	3,0	14,8	1,8	13,4
wood working and production of wood products apart from furniture	7,1	18,1	2,0	16,6
cellulose and paper industry; printing	10,1	14,1	3,3	9,3
production of coke and refined petroleum products	31,3	59,4	8,7	45,4
chemical and petrochemical industry	69,5	38,5	26,5	33,5
production of chemicals	52,6	42,4	20,4	35,8
production of rubber and plastic products	16,9	29,9	6,1	27,7
production of other non-metallic mineral products	49,5	32,3	14,7	26,2
metallurgy and production of finished metal products	228,3	54,1	58,2	38,5
engineering	165,2	23,0	47,7	16,5
manufacture of machinery and equipment	68,6	22,2	17,5	15,6
manufacture of electrical, electronic and optical equipment	31,0	18,1	12,3	15,4
manufacture of transport vehicles and equipment	65,6	27,5	17,9	18,6
other manufacture n.i.e.	9,3	13,7	2,8	11,2
Production and distribution of electricity, gas and water	164,1	30,7	42,0	20,1
Construction	95,1	19,0	7,9	7,9
Activity of transport and communications	198,9	20,1	31,4	7,5

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.42. Employees receiving compensations and benefits for working under harmful conditions, by type of economic activity<sup>1</sup>***(end of 2007)*

	Employees entitled to one or more benefits or compensations			
	total		of which females	
	thsd.	percentage of total payroll employees	thsd.	percentage of total payroll employees
<b>Total by selected economic activities</b>	<b>1724,9</b>	<b>31,3</b>	<b>430,8</b>	<b>20,2</b>
of which				
Agriculture, hunting and related services	69,4	10,0	21,1	7,9
Industrial production	1268,1	38,1	340,5	25,3
Mining	358,8	71,2	57,3	41,8
mining of energy and energy sources	265,5	75,0	40,1	42,5
of which mining of coal, lignite and peat	241,3	77,4	37,6	43,6
mining operations apart from fuel and energy materials	93,4	62,3	17,2	40,3
Manufacturing	712,3	31,2	228,9	22,9
production of foodstuffs, beverages and tobacco products	77,2	17,1	35,3	15,1
light industry	12,9	10,1	8,2	8,2
textile industry, sewing of clothes, fur and fur articles	9,7	9,1	6,3	7,3
production of leather, leather articles and other materials	3,2	15,3	1,9	13,9
wood working and production of wood products apart from furniture	7,4	18,8	2,1	16,9
cellulose and paper industry; printing	11,3	15,7	3,9	10,8
production of coke and refined petroleum products	32,8	62,2	9,5	49,3
chemical and petrochemical industry	77,4	42,9	30,3	38,4
production of chemicals	59,9	48,3	23,9	41,9
production of rubber and plastic products	17,5	30,9	6,4	29,4
production of other non-metallic mineral products	54,7	35,8	16,6	29,7
metallurgy and production of finished metal products	243,0	57,5	64,5	42,7
engineering	186,0	25,9	55,6	19,3
manufacture of machinery and equipment	76,1	24,6	20,4	18,2
manufacture of electrical, electronic and optical equipment	33,6	19,6	13,6	17,1
manufacture of transport vehicles and equipment	76,3	32,0	21,6	22,4
other manufacture n.i.e.	9,6	14,2	2,9	11,5
Production and distribution of electricity, gas and water	197,0	36,8	54,3	26,1
Construction	108,0	21,6	9,8	9,9
Activity of transport and communications	279,4	28,2	59,4	14,2

<sup>1</sup> 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 labor 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 labor relationships and the results stemming from the labor 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 2007 the initial total population of the survey included 12977 households. During the year 10615 households took part in the survey (selected addresses accounted for 82,9 %, excluding nonresident dwellings). The total of the sample survey is raised 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 privately produced agriculture foodstuffs that were consumed by

households or given to their relatives or other individuals. They also include benefits and subsidies meant to pay for municipal utilities, electricity and fuel, non-cash benefits for telephone calls, traveling in transport, health goods and services, tourist services, places in sanatoria and spas, 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 labor 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 (subsidies in cash for compensating the population expenditure for purchasing liquid gas, solid and liquid 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. It also takes in benefits given for telephone calls, travel by transport, health goods and services, tourist services, places in sanatoria and spas, etc. and also value of foodstuffs given to their relatives or other individuals.

**Total resources** includes total income and the sum of the used savings, increased loans, credits, debts that households have acquired as well as debts paid off to households. This indicator shows the potential household resources that were obtained during the reference period regardless of the sources from which they had been derived.

**Subsistence level** is the amount sufficient to ensure the normal functioning of



POPULATION INCOME AND EXPENDITURE

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)

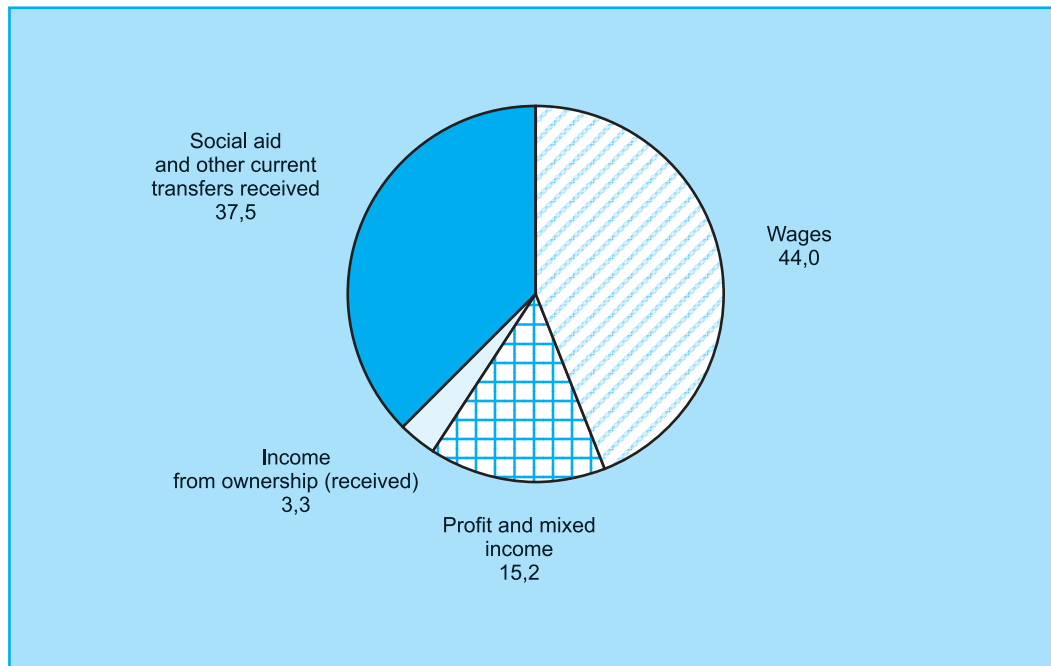
	1995 <sup>1</sup>	2000	2001	2002	2003	2004	2005	2006	2007 <sup>2</sup>	2007 over 2006, percent
<b>Income</b>	<b>4006</b>	<b>128736</b>	<b>157996</b>	<b>185073</b>	<b>215672</b>	<b>274241</b>	<b>381404</b>	<b>472061</b>	<b>614984</b>	<b>130,3</b>
of which										
wages	1654	55853	67389	78950	94608	117227	160621	205120	270605	131,9
profit and mixed income	616	24696	29518	33540	36330	43828	58404	69186	93679	135,4
income from ownership (received)	48	3322	4275	5297	6706	8337	11072	13855	20434	147,5
social aid and other current transfers received	1688	44865	56814	67286	78028	104849	151307	183900	230266	125,2
<b>Expenditure and savings</b>	<b>4006</b>	<b>128736</b>	<b>157996</b>	<b>185073</b>	<b>215672</b>	<b>274241</b>	<b>381404</b>	<b>472061</b>	<b>614984</b>	<b>130,3</b>
of which										
purchase of goods and services	3719	115887	139984	153589	180730	221713	306769	385681	510023	132,2
income from ownership (paid)	4	158	190	334	902	1864	3523	8374	16909	201,9
current taxes on income, property and other current transfers paid	209	8488	11034	14092	17763	19030	25461	33803	49037	145,1
accumulation of non-financial assets	59	3099	3408	2464	1680	3254	4444	7159	10321	144,2
increase in financial assets	15	1104	3380	14594	14597	28380	41207	37044	28694	77,5
<i>Available income</i>	<i>2783</i>	<i>96609</i>	<i>119048</i>	<i>141618</i>	<i>162578</i>	<i>212033</i>	<i>298275</i>	<i>363586</i>	<i>461852</i>	<i>127,0</i>
<i>Real available income, percent of the previous year</i>	<i>108,3</i>	<i>104,1</i>	<i>110,0</i>	<i>118,0</i>	<i>109,1</i>	<i>119,6</i>	<i>123,9</i>	<i>111,8</i>	<i>112,6</i>	×

<sup>1</sup> Trln. KRB

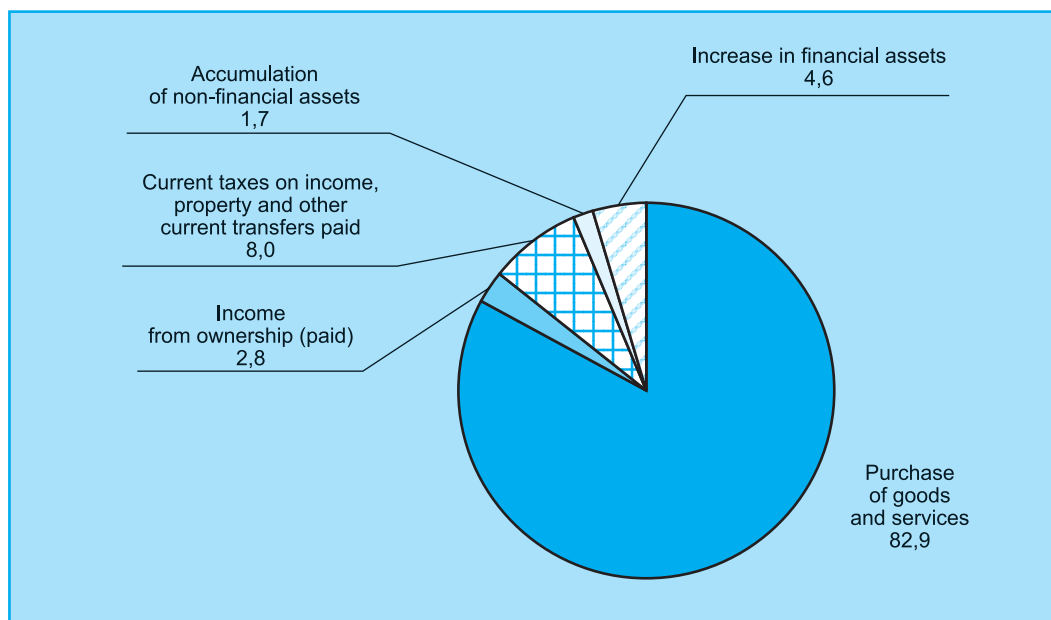
<sup>2</sup> Preliminary data

**18.2. Structure of population income in 2007**

(percent)

**18.3. Structure of population expenditure and savings in 2007**

(percent)



## POPULATION INCOME AND EXPENDITURE

**18.4. Population income, by region***(mln. UAH)*

	2001 <sup>1</sup>			2006			2007 <sup>2</sup>		
	income	available income		income	available income		income	available income	
		total	per capita, UAH		total	per capita, UAH		total	per capita, UAH
<b>Ukraine</b>	<b>157996</b>	<b>119048</b>	<b>2445,9</b>	<b>472061</b>	<b>363586</b>	<b>7771,0</b>	<b>614984</b>	<b>461852</b>	<b>9930,3</b>
Autonomous Republic of Crimea	5833	4233	2073,9	16834	13006	6567,0	22927	16832	8526,4
<b>oblasts</b>									
Vinnysya	5044	4072	2286,8	14788	11825	6980,5	19059	14829	8830,5
Volyn	2902	2267	2132,4	8414	6638	6387,6	10847	8182	7888,5
Dnipropetrovsk	12890	9555	2665,2	38694	29652	8632,3	49850	38045	11154,6
Donetsk	16420	12399	2544,8	50947	40752	8855,9	65732	51753	11349,8
Zhytomyr	3745	2954	2112,5	11472	8940	6754,3	14869	11321	8633,4
Zakarpattia	2881	2243	1781,4	9134	7166	5757,7	11913	8892	7152,5
Zaporizhzhya	7057	5267	2719,0	20148	16118	8693,6	25870	20161	10957,7
Ivano-Frankivsk	3591	2792	1973,0	11232	8966	6463,4	14691	11422	8252,9
Kyiv	6500	5057	2753,9	17424	13978	7953,8	22534	17235	9881,3
Kirovohrad	3260	2522	2217,2	8991	7073	6672,0	11392	8718	8331,4
Luhansk	7359	5624	2188,6	22042	17591	7343,4	28344	22147	9350,2
Lviv	7787	5910	2239,7	23804	19025	7394,7	30895	23936	9335,0
Mykolayiv	3783	2855	2244,6	11246	8897	7318,4	14551	11085	9178,6
Odesa	6814	5058	2040,7	22457	16807	7006,1	28891	20824	8694,4
Poltava	5322	4064	2474,8	15573	12481	8064,2	20067	15620	10191,2
Rivne	3260	2530	2150,5	9656	7557	6540,6	12456	9410	8159,9
Sumy	3984	3021	2308,4	11281	9092	7459,2	14590	11474	9529,1
Ternopil	2740	2120	1850,6	8708	6967	6283,4	11306	8811	7995,5
Kharkiv	9588	7090	2425,0	28188	22056	7819,6	36683	27943	9965,4
Kherson	2979	2330	1971,3	9281	7283	6492,2	11939	9138	8215,4
Khmelnyskiy	4029	3249	2259,1	11967	9494	6943,1	15481	12039	8879,0
Cherkasy	3902	2987	2117,9	11589	9070	6795,5	14929	11318	8562,6
Chernivtsi	2109	1596	1725,4	7010	5514	6078,0	9216	7044	7780,0
Chernihiv	3776	2962	2376,7	10433	8355	7201,3	13320	10400	9091,7
<b>cities</b>									
Kyiv	14475	8995	3447,3	57307	36708	13566,9	77991	49929	18294,4
Sevastopol	1039	723	1902,3	3441	2575	6790,6	4641	3344	8816,2

<sup>1</sup> 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

<sup>2</sup> See the second footnote to Table 18.1

## POPULATION INCOME AND EXPENDITURE

**18.5. Population expenditure, by region***(mln. UAH)*

	2001		2006		2007 <sup>1</sup>	
	total	per capita, UAH	total	per capita, UAH	total	per capita, UAH
<b>Ukraine</b>	<b>151208</b>	<b>3106,6</b>	<b>427858</b>	<b>9144,6</b>	<b>575969</b>	<b>12383,9</b>
Autonomous Republic of Crimea	5822	2853,2	17270	8720,0	23303	11804,4
<b>oblasts</b>						
Vinnitsya	4048	2272,9	12040	7107,4	16350	9736,2
Volyn	2882	2712,2	7796	7501,9	10259	9891,1
Dnipropetrovsk	12769	3561,4	32594	9488,8	42521	12466,9
Donetsk	13439	2758,0	38826	8437,3	53281	11684,9
Zhytomyr	3041	2174,2	9113	6885,0	12219	9318,2
Zakarpattia	2979	2365,5	8827	7092,2	11173	8987,3
Zaporizhzhya	7152	3692,9	17246	9302,0	22175	12052,3
Ivano-Frankivsk	3172	2241,2	8751	6308,4	12173	8795,5
Kyiv	5746	3128,5	14269	8119,4	19999	11466,0
Kirovohrad	3344	2938,2	7569	7139,9	9934	9493,5
Luhansk	6620	2576,1	15803	6597,0	21342	9010,4
Lviv	7899	2993,5	20589	8002,6	27051	10549,9
Mykolayiv	3368	2647,1	9518	7829,2	12990	10756,0
Odesa	7276	2935,6	23808	9924,5	32337	13501,3
Poltava	4945	3012,0	12272	7929,2	16438	10724,9
Rivne	3174	2698,0	8030	6950,0	10366	8988,9
Sumy	3794	2899,3	8398	6889,8	10842	9004,2
Ternopil	2392	2087,7	6613	5964,1	8751	7941,0
Kharkiv	10690	3656,6	28373	10059,2	37457	13358,4
Kherson	2760	2334,7	8163	7276,7	11012	9900,2
Khmelnyskiy	3872	2692,5	10305	7536,2	13259	9778,7
Cherkasy	3300	2340,5	10013	7502,1	13723	10382,1
Chernivtsi	2432	2627,9	6396	7050,3	8447	9329,6
Chernihiv	3305	2651,5	8141	7016,9	10514	9191,4
<b>cities</b>						
Kyiv	19386	7429,7	73024	26988,9	102456	37540,7
Sevastopol	1247	3285,0	4111	10841,2	5597	14756,1

<sup>1</sup> See the second footnote to Table 18.1

## POPULATION INCOME AND EXPENDITURE

**18.6. Average monthly wages of employees<sup>1</sup>**

(KRB)

	Total	Including	
		blue collar and white collar-workers	employees of collective agricultural enterprises <sup>1</sup>
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	—	—

<sup>1</sup> See methodology notes**18.7. Average monthly nominal and real wages of employees<sup>1</sup>**

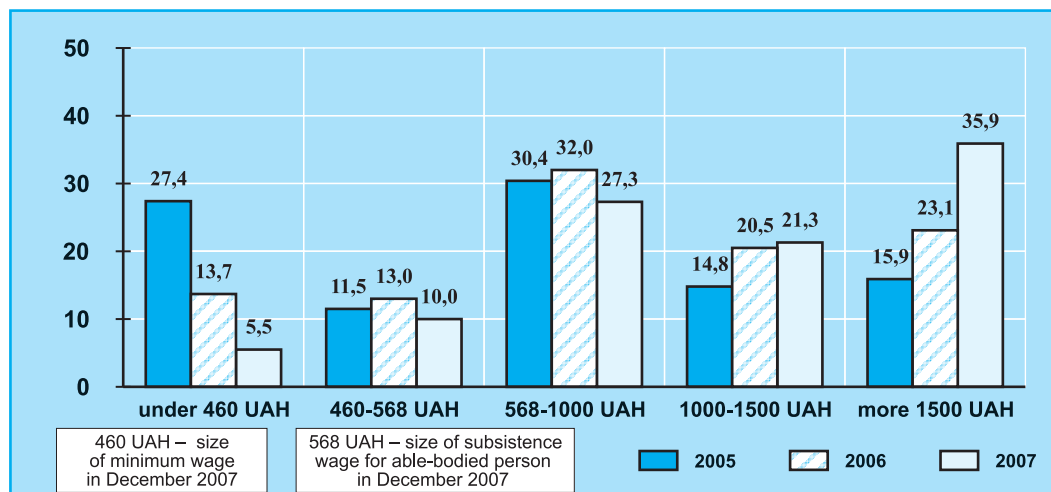
(UAH)

	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
<b>Including by month</b>			
January	1112	128,6	113,6
February	1142	126,2	112,7
March	1230	124,6	110,9
April	1224	124,4	110,5
May	1277	127,3	112,8
June	1368	128,6	111,7
July	1421	131,7	113,8
August	1398	130,3	111,8
September	1426	131,2	112,3
October	1475	135,6	115,6
November	1485	134,5	114,4
December	1675	131,1	110,3

<sup>1</sup> Excluding employees of statistically small enterprises and those employed by natural persons-entrepreneurs

**18.8. Distribution of employees in December of 2005–2007, by nominal wages**

(percent)

**18.9. Average monthly nominal wages of employees, by type of economic activity<sup>1</sup>**

(UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	
									UAH	percent of 2006
<b>Total</b>	<b>73</b>	<b>230</b>	<b>311</b>	<b>376</b>	<b>462</b>	<b>590</b>	<b>806</b>	<b>1041</b>	<b>1351</b>	<b>129,7</b>
Agriculture, hunting, forestry	37	114	154	183	219	311	437	581	771	132,7
Fishing, fishery	58	147	204	242	291	375	499	607	721	118,9
Industrial production	89	302	406	485	591	743	967	1212	1554	128,2
Construction	103	260	362	427	546	709	894	1140	1486	130,4
Trade; repair of motor vehicles, household appliances and personal demand items	66	226	284	330	394	509	713	898	1145	127,4
Activity of hotels and restaurants	51	178	235	286	340	429	567	735	944	128,4
Activity of transport and communications	90	336	460	573	685	843	1057	1328	1670	125,7
activity of surface transport	79	282	405	515	633	775	961	1227	1563	127,4
activity of water transport	114	489	557	617	762	733	929	1093	1412	129,2
activity of air transport	116	445	593	702	857	1232	1622	2053	2704	131,7
additional transport services and auxiliary operations	104	423	591	730	851	1016	1218	1513	1872	123,7
activity of mail and communications	93	317	402	469	548	710	967	1191	1485	124,7
Financial activity	172	560	833	976	1051	1258	1553	2050	2770	135,2
Real estate transactions, renting, engineering and provision of services to businessmen	75	278	373	437	527	667	900	1193	1595	133,6
of which research and development	82	303	420	470	570	774	1048	1323	1741	131,6
Public administration	81	335	396	495	577	691	1087	1578	1852	117,3
Education	71	156	224	267	340	429	641	806	1060	131,4
Health care and provision of social aid	75	138	183	223	279	351	517	658	871	132,3
Provision of communal and individual services; cultural and sporting activity	63	162	211	247	299	400	620	828	1090	131,7
of which cultural, sporting, recreational and entertainment, and activities	58	135	182	219	277	383	628	842	1109	131,7

<sup>1</sup> See the footnote to Table 18.7

## POPULATION INCOME AND EXPENDITURE

**18.10. Average monthly nominal wages of employees, by industrial activity<sup>1</sup>**

(UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	
								UAH	percent of 2006
<b>Industrial production</b>	<b>302</b>	<b>406</b>	<b>485</b>	<b>591</b>	<b>743</b>	<b>967</b>	<b>1212</b>	<b>1554</b>	<b>128,2</b>
Mining	393	517	610	701	910	1246	1536	1970	128,3
Manufacturing	271	368	441	553	701	905	1137	1456	128,1
production of foodstuffs, beverages and tobacco products	281	364	423	496	597	780	986	1223	124,0
light industry	162	219	259	323	422	527	653	810	123,9
textile industry; sewing of clothes, fur and fur articles	164	220	257	315	418	523	646	801	123,9
production of leather, leather articles and other materials	153	210	271	374	444	553	691	854	123,6
wood working and production of wood products apart from furniture	191	284	351	450	561	707	879	1078	122,7
cellulose and paper industry; printing	394	497	574	666	800	998	1275	1545	121,1
production of coke and refined petroleum products	490	634	824	951	1174	1470	1697	2145	126,4
chemical and petrochemical industry	305	405	459	568	724	960	1190	1481	124,5
production of chemicals	318	421	471	581	748	1012	1261	1586	125,8
production of rubber and plastic products	256	344	414	519	649	814	1020	1251	122,6
production of other non-metallic mineral products	232	314	384	490	625	824	1067	1440	135,0
metallurgy and production of finished metal products	421	540	619	781	994	1287	1560	2003	128,4
engineering	222	319	387	497	640	821	1060	1389	131,0
manufacture of machinery and equipment	226	332	388	493	639	832	1068	1380	129,2
manufacture of electrical, electronic and optical equipment	173	260	322	416	555	737	952	1264	132,8
manufacture of transport vehicles equipment	263	352	440	563	704	864	1129	1492	132,2
other manufacture n.i.e.	212	281	352	443	583	704	846	1053	124,4
Production and distribution of electricity, gas and water	371	476	562	651	767	969	1228	1577	128,4

<sup>1</sup> See the footnote to Table 18.7

## POPULATION INCOME AND EXPENDITURE

**18.11. Average monthly nominal wages of employees, by region<sup>1</sup>**

(UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	
									UAH	percent of 2006
<b>Ukraine</b>	<b>73</b>	<b>230</b>	<b>311</b>	<b>376</b>	<b>462</b>	<b>590</b>	<b>806</b>	<b>1041</b>	<b>1351</b>	<b>129,7</b>
Autonomous Republic of Crimea	70	225	301	358	433	543	730	952	1220	128,2
<b>oblasts</b>										
Vinnitsya	58	159	215	265	334	435	597	793	1028	129,7
Volyn	53	150	201	253	319	412	591	773	1013	130,9
Dnipropetrovsk	91	273	370	438	526	667	913	1139	1455	127,8
Donetsk	97	292	383	452	550	712	962	1202	1535	127,7
Zhytomyr	61	164	220	268	334	434	602	793	1033	130,3
Zakarpattia	50	172	238	295	379	479	665	868	1091	125,7
Zaporizhzhya	84	289	379	445	541	671	860	1091	1394	127,7
Ivano-Frankivsk	65	188	259	318	402	510	718	923	1180	127,9
Kyiv	78	241	317	378	470	592	811	1058	1362	128,8
Kirovohrad	58	170	231	282	353	455	624	819	1054	128,7
Luhansk	82	232	320	393	474	596	805	1022	1323	129,4
Lviv	62	196	272	339	419	523	713	923	1183	128,1
Mykolayiv	68	227	327	398	470	565	744	955	1202	125,9
Odesa	66	236	306	379	454	566	768	966	1226	126,9
Poltava	76	220	292	354	437	560	758	961	1243	129,3
Rivne	61	173	245	312	390	506	685	888	1133	127,6
Sumy	66	194	259	307	379	473	663	857	1098	128,2
Ternopil	53	135	190	237	304	388	553	727	943	129,6
Kharkiv	72	230	310	370	455	569	759	974	1251	128,4
Kherson	59	173	233	289	356	451	625	800	1017	127,1
Khmelnyskiy	55	156	211	258	323	419	584	792	1045	131,9
Cherkasy	63	175	229	276	350	465	642	846	1085	128,3
Chernivtsi	55	157	218	271	344	441	621	819	1051	128,4
Chernihiv	57	177	235	277	342	438	602	790	1016	128,7
<b>cities</b>										
Kyiv	100	405	549	643	761	967	1314	1729	2300	133,0
Sevastopol	83	251	325	391	486	594	803	1005	1302	129,6

<sup>1</sup> See the footnote to Table 18.7



## POPULATION INCOME AND EXPENDITURE

**18.12. The number and nominal wages of employees in 2007,  
by sex and type of economic activity<sup>1</sup>**

	Payroll staff, thsd.		Average monthly nominal wages of employees, UAH		
	males	females	males	females	
				UAH	percent of average monthly wages of males
<b>Total</b>	<b>5358,4</b>	<b>6054,8</b>	<b>1578</b>	<b>1150</b>	<b>72,9</b>
Agriculture, hunting, forestry	572,9	295,4	803	708	88,1
Fishing, fishery	10,1	2,4	720	727	100,9
Industrial production	1986,6	1300,7	1785	1201	67,3
Construction	399,9	100,0	1535	1289	84,0
Trade; repair of motor vehicles, household appliances and personal demand items	435,6	438,1	1284	1006	78,3
Activity of hotels and restaurants	25,4	62,9	1116	875	78,4
Activity of transport and communications	573,2	404,0	1887	1362	72,2
activity of surface transport	223,3	114,5	1653	1387	83,9
activity of water transport	11,2	3,9	1500	1158	77,2
activity of air transport	8,8	5,0	2838	2471	87,1
additional transport services and auxiliary operations	233,6	124,2	2033	1569	77,1
activity of mail and communications	96,3	156,3	2032	1148	56,5
Financial activity	91,5	206,3	3636	2386	65,6
Real estate transactions, renting, engineering and provision of services to businessmen	314,1	301,0	1674	1513	90,4
of which research and development	77,3	75,2	1908	1571	82,3
Public administration	198,4	400,8	2130	1714	80,5
Education	383,4	1257,1	1207	1015	84,1
Health care and provision of social aid	220,7	1050,1	992	845	85,2
Provision of communal and individual services; cultural and sporting activity	146,6	236,0	1347	931	69,1
of which cultural, sporting, recreational and entertainment, and activities	99,5	187,0	1435	936	65,3

<sup>1</sup> See the footnote to Table 18.7

## POPULATION INCOME AND EXPENDITURE

**18.13. Average monthly pension***(beginning of year; UAH)*

	1996 <sup>1</sup>	2001 <sup>2</sup>	2002 <sup>2</sup>	2003 <sup>2</sup>	2004 <sup>2</sup>	2005 <sup>3</sup>	2006 <sup>3</sup>	2007 <sup>3</sup>	2008 <sup>3</sup>
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
including									
old age	38,8	85,2	127,1	141,8	194,2	323,8	417,7	497,0	798,9
disability	45,6	94,5	129,7	142,4	170,9	305,2	393,2	435,8	598,2
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
1 <sup>st</sup> group	55,5	99,8	152,5	156,7	166,2	288,5	290,2	291,9	299,8
2 <sup>nd</sup> group	71,2	89,3	137,6	145,3	155,0	287,2	290,3	290,6	298,7
3 <sup>rd</sup> group	46,9	88,7	134,9	146,8	156,6	275,8	277,8	277,9	284,4
to survivors who lost their benefactor	33,2	61,0	85,5	95,9	120,2	262,9	302,8	339,3	474,3
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
retirement	40,7	105,8	146,1	168,3	211,2	334,3	443,9	551,3	760,9
social benefits	21,4	43,7	54,8	59,0	62,6	266,2	339,6	316,3	369,7

<sup>1</sup> Including compensations paid<sup>2</sup> Including target money aid and indexation<sup>3</sup> Including compensation paid and target aid as provided by current legislation

In 2008 as of January 1, average monthly pensions payable to pensioners is 775,95 UAH.

## POPULATION INCOME AND EXPENDITURE

**18.14. Differentiation of household living standards<sup>1</sup>**

	Quintile coefficient for differentiating the population income <sup>2</sup> , times		Correlation of income <sup>2</sup> of 20 % richest and 20 % the poorest people, times		Share of population with per capita average monthly income <sup>2</sup> lower than subsistence level <sup>3</sup> , 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

<sup>1</sup> Here and elsewhere (Tables 18.15–18.44; 18.47) data of the household living condition survey

<sup>2</sup> In 2000–2006 as the differentiation criterion the indicators “monetary expenditure” and “total expenditure” were used

<sup>3</sup> In the 4<sup>th</sup> quarter 2000, 270,1 UAH; in 2001, 311,3 UAH; in 2002, 2003, 342 UAH; in the 4<sup>th</sup> quarter 2004, 362,23 UAH; in 2005, 423 UAH; in the 4<sup>th</sup> quarter 2006, 472 UAH; in the 4<sup>th</sup> quarter 2007 – 532 UAH

**18.15. Households, by size and number of children**

(percent)

	2000			2006			2007		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
<b>All households</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
including households consisting of									
one person	20,9	19,9	23,2	24,6	24,8	24,4	24,0	23,8	24,5
two persons	27,6	28,2	26,2	27,2	27,1	27,5	27,1	27,3	26,9
three persons	22,0	24,6	16,3	23,4	25,8	17,8	25,0	27,5	19,2
four persons	19,0	19,6	17,9	16,3	15,9	17,1	15,7	15,4	16,3
five and more persons	10,5	7,7	16,4	8,5	6,4	13,2	8,2	6,0	13,1
Average household size, persons	2,76	2,70	2,89	2,60	2,54	2,75	2,60	2,54	2,74
Percentage of households with children aged under 18	43,6	44,6	41,4	37,7	37,3	38,6	37,7	37,7	37,8
Percentage of households without children	56,4	55,4	58,6	62,3	62,7	61,4	62,3	62,3	62,2
Of total households, percentage of households with children aged									
under 3	5,2	4,8	6,0	6,0	6,1	5,9	6,8	6,8	6,7
under 7	13,7	12,9	15,5	13,6	13,1	14,7	15,6	15,8	15,3
under 14	32,8	33,0	32,3	27,5	26,7	29,4	28,4	28,0	29,3
under 16	38,8	39,5	37,3	32,8	31,9	34,7	32,7	32,3	33,6

POPULATION INCOME AND EXPENDITURE

**18.16. Households with children, by number of children**

(percent)

	2000			2006			2007		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>All households with children</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
including households with									
one child	61,0	66,5	48,0	65,9	71,9	53,3	68,1	74,4	54,1
two children	33,3	30,0	41,2	29,1	25,2	37,5	27,9	23,4	37,8
three children	4,1	2,7	7,5	3,7	2,3	6,7	3,1	2,0	5,5
four or more children	1,6	0,8	3,3	1,3	0,6	2,5	0,9	0,2	2,6

**18.17. Population, by per capita money income<sup>1</sup>**

(percent)

	2005			2006			2007		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total population</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
With average per capita cash income <sup>1</sup> per month, UAH									
under 300,0	39,8	30,8	58,0	29,4	19,9	49,0	7,4	3,8	14,8
300,1–360,0	12,7	13,3	11,5	12,2	12,0	12,5	5,8	3,8	9,9
360,1–420,0	10,9	12,0	8,8	10,4	10,9	9,4	7,5	6,5	9,5
420,1–480,0	8,4	9,5	6,1	8,6	9,3	7,0	9,6	8,5	11,8
480,1–540,0	6,4	7,5	4,3	8,7	10,0	5,7	10,7	9,8	12,6
540,1–600,0	4,8	5,7	3,0	5,9	7,0	3,8	10,0	9,4	11,1
600,1–660,0	3,6	4,5	2,0	5,2	6,3	3,2	8,1	8,5	7,1
660,1–720,0	2,8	3,3	1,6	3,8	4,5	2,2	6,9	7,7	5,4
720,1–780,0	10,6 <sup>2</sup>	13,4	4,7	15,8 <sup>2</sup>	20,1	7,2	5,5	6,3	4,0
780,1–840,0	...	...	...	...	...	...	4,5	5,5	2,5
over 840,0	...	...	...	...	...	...	24,0	30,2	11,3
Quintile differentiation coefficient of cash income <sup>1</sup> of the population, times	2,6	2,5	2,7	2,6	2,4	2,6	2,2	2,1	2,1
Correlation of cash income <sup>1</sup> of 20 % richest and 20 % poorest people (quintile coefficient for funds), times	5,5	5,0	5,2	5,5	4,9	5,3	4,1	3,8	3,8
Percentage of people with average per capita cash income <sup>1</sup> per month lower than subsistence level <sup>3</sup>	64,0	56,6	78,9	59,4	50,9	76,9	39,8	31,3	57,4

<sup>1</sup> In 2000–2006 as the differentiation criterion the indicator “average per capita monetary expenditure” was used

<sup>2</sup> In 2005 and 2006, over 720 UAH

<sup>3</sup> In 2005, 423 UAH; in the 4<sup>th</sup> quarter 2006, 472 UAH, in the 4<sup>th</sup> quarter 2007 – 532 UAH

## POPULATION INCOME AND EXPENDITURE

**18.18. Households, by per capita money income<sup>1</sup>***(percent)*

	2005			2006			2007		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>All households</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
With average per capita cash income <sup>1</sup> per month, UAH									
under 300,0	32,3	25,2	47,5	23,4	15,8	40,2	5,4	3,0	10,7
300,1–360,0	12,3	12,3	12,4	11,1	10,6	12,2	4,3	2,9	7,1
360,1–420,0	11,3	11,8	10,2	10,3	10,5	10,1	5,6	4,9	7,1
420,1–480,0	9,1	9,8	7,8	9,2	9,5	8,6	9,6	8,8	11,5
480,1–540,0	7,5	8,2	5,8	8,8	9,6	6,8	11,8	10,7	14,3
540,1–600,0	5,7	6,4	4,0	6,8	7,6	5,1	10,5	9,5	12,7
600,1–660,0	4,4	5,0	3,0	5,8	6,7	3,8	8,3	8,3	8,4
660,1–720,0	3,3	3,9	2,1	4,2	4,9	2,7	7,1	7,5	6,3
720,1–780,0	14,1 <sup>2</sup>	17,4	7,2	20,4 <sup>2</sup>	24,8	10,5	5,7	6,1	4,8
780,1–840,0	...	...	...	...	...	...	4,6	5,3	3,1
over 840,0	...	...	...	...	...	...	27,1	33,0	14,0
Percentage of households with average per capita cash income <sup>1</sup> per month lower than subsistence level <sup>3</sup>	56,5	49,9	70,8	52,8	45,1	69,8	35,3	29,1	49,3

<sup>1</sup> See the first footnote to Table 18.17<sup>2</sup> See the second footnote to Table 18.17<sup>3</sup> See the third footnote to Table 18.17

## POPULATION INCOME AND EXPENDITURE

**18.19. Households in 2007, 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	300,1–360,0	360,1–420,0	420,1–480,0	480,1–540,0	540,1–600,0
<b>All households</b>	<b>100,0</b>	<b>5,4</b>	<b>4,3</b>	<b>5,6</b>	<b>9,6</b>	<b>11,8</b>	<b>10,5</b>
Breakdown by level of average per capita cash income of households consisting of							
one person	100,0	1,5	1,0	1,3	10,7	16,8	13,2
two persons	100,0	3,2	2,2	3,4	9,2	10,7	9,8
three persons	100,0	5,3	5,2	6,4	7,9	10,3	9,6
four persons	100,0	10,9	8,5	10,0	11,7	9,5	8,9
five persons and more	100,0	14,2	9,8	14,1	9,6	9,6	10,3
<b>All households with children</b>	<b>100,0</b>	<b>10,8</b>	<b>8,4</b>	<b>10,2</b>	<b>10,2</b>	<b>10,4</b>	<b>9,9</b>
Breakdown by level of average per capita cash income of households with							
one child	100,0	6,7	6,5	8,5	9,4	10,4	10,6
two children	100,0	16,6	11,7	13,8	11,8	10,6	9,2
three children	100,0	36,9	15,3	16,1	14,3	10,2	1,4
four or more children	100,0	52,6	17,0	9,3	8,9	6,9	4,8

Table 18.19 is continued

	With average per capita cash income per month, UAH					
	600,1–660,0	660,1–720,0	720,1–780,0	780,1–840,0	over 840,0	for reference: under 532 UAH <sup>1</sup>
<b>All households</b>	<b>8,3</b>	<b>7,1</b>	<b>5,7</b>	<b>4,6</b>	<b>27,1</b>	<b>35,3</b>
Breakdown by level of average per capita cash income of households consisting of						
one person	9,1	6,7	5,4	3,9	30,4	29,6
two persons	8,5	8,4	6,3	4,9	33,4	27,2
three persons	8,3	6,5	5,9	6,0	28,6	34,0
four persons	7,2	7,3	6,1	3,1	16,8	49,2
five persons and more	8,1	5,4	3,1	3,9	11,9	56,7
<b>All households with children</b>	<b>7,6</b>	<b>7,1</b>	<b>4,9</b>	<b>4,4</b>	<b>16,1</b>	<b>48,8</b>
Breakdown by level of average per capita cash income of households with						
one child	8,3	7,9	5,8	5,5	20,4	40,1
two children	7,1	5,8	3,4	2,4	7,6	63,6
three children	0,9	1,8	0,0	0,0	3,1	92,8
four or more children	0,0	0,4	0,1	0,0	0,0	94,8

<sup>1</sup> The size of subsistence wage in the 4<sup>th</sup> quarter 2007

## POPULATION INCOME AND EXPENDITURE

**18.20. Structure of household money expenditure***(average monthly per one household)*

	2000			2006			2007		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total cash expenditure, UAH</b>	<b>417,7</b>	<b>457,6</b>	<b>329,6</b>	<b>1282,6</b>	<b>1406,0</b>	<b>1010,2</b>	<b>1528,6</b>	<b>1675,1</b>	<b>1203,0</b>
	<b>Percent</b>								
Consumption cash expenditure	91,9	94,6	83,5	89,7	92,6	80,6	90,1	93,5	79,8
food products (including catering outside home, alcoholic beverages and tobacco)	62,7	64,5	57,2	54,2	55,9	48,4	53,2	55,2	47,1
manufactured goods and services	29,2	30,1	26,3	35,5	36,7	32,2	36,9	38,3	32,7
Cash support to relatives, friends and other persons	1,8	1,5	2,6	3,0	2,5	4,6	3,2	2,6	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	7,3	4,9	14,8	6,7	3,9	15,3

**18.21. Structure of household money expenditure, by household size***(average monthly per one household)*

	2006						2007					
	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
<b>Total cash expenditure, UAH</b>	<b>1282,6</b>	<b>690,7</b>	<b>1196,9</b>	<b>1515,9</b>	<b>1709,6</b>	<b>1812,5</b>	<b>1528,6</b>	<b>816,1</b>	<b>1388,1</b>	<b>1840,1</b>	<b>1981,2</b>	<b>2263,1</b>
	<b>Percent</b>											
Consumption cash expenditure	89,7	89,3	86,2	92,1	90,8	89,7	90,1	89,6	88,4	91,5	91,4	88,8
food products (including catering outside home, alcoholic beverages and tobacco)	54,2	59,1	54,1	53,5	51,7	53,9	53,2	56,6	54,9	51,4	52,3	51,9
manufactured goods and services	35,5	30,2	32,1	38,6	39,1	35,8	36,9	33,0	33,5	40,1	39,1	36,9
Cash support to relatives, friends and other persons	3,0	4,5	5,2	2,1	1,7	1,4	3,2	4,4	5,1	2,5	1,7	1,8
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	7,3	6,2	8,6	5,8	7,5	8,9	6,7	6,0	6,5	6,0	6,9	9,4

## POPULATION INCOME AND EXPENDITURE

**18.22. Structure of money expenditure for households with children, by number of children***(average monthly per one household)*

	2006					2007				
	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
<b>Total cash expenditure, UAH</b>	<b>1566,6</b>	<b>1564,3</b>	<b>1603,2</b>	<b>1401,3</b>	<b>1318,6</b>	<b>1871,0</b>	<b>1864,2</b>	<b>1893,0</b>	<b>1776,6</b>	<b>2009,1</b>
					<b>Percent</b>					
Consumption cash expenditure	91,1	92,3	88,6	91,2	87,3	91,4	92,0	90,1	90,2	85,1
food products (including catering outside home, alcoholic beverages and tobacco)	52,6	52,9	51,0	58,0	56,1	51,9	52,0	51,5	52,7	51,6
manufactured goods and services	38,5	39,4	37,6	33,2	31,2	39,5	40,0	38,6	37,5	33,5
Cash support to relatives, friends and other persons	1,6	1,7	1,5	0,9	0,9	1,8	2,0	1,6	1,3	0,9
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	7,3	6,0	9,9	7,9	11,8	6,8	6,0	8,3	8,5	14,0

**18.23. Structure of household money expenditure in 2007, by per capita income***(average monthly per one household)*

	All households	With average per capita cash income per month, UAH					
		under 300,0	300,1–360,0	360,1–420,0	420,1–480,0	480,1–540,0	540,1–600,0
<b>Total cash expenditure, UAH</b>	<b>1528,6</b>	<b>857,9</b>	<b>1131,6</b>	<b>1305,6</b>	<b>1048,9</b>	<b>1094,9</b>	<b>1226,0</b>
							<b>Percent</b>
Consumption cash expenditure	90,1	92,3	90,5	92,2	91,2	90,5	90,8
food products (including catering outside home, alcoholic beverages and tobacco)	53,2	62,5	57,7	57,5	58,0	57,6	56,5
manufactured goods and services	36,9	29,8	32,8	34,7	33,2	32,9	34,3
Cash support to relatives, friends and other persons	3,2	1,1	1,4	1,8	2,3	2,8	2,9
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	6,7	6,6	8,1	6,0	6,5	6,7	6,3



## POPULATION INCOME AND EXPENDITURE

Table 18.23 is continued

	With average per capita cash income per month, UAH					
	600,1–660,0	660,1–720,0	720,1–780,0	780,1–840,0	over 840,0	for reference: under 532 UAH <sup>1</sup>
<b>Total cash expenditure, UAH</b>	<b>1361,2</b>	<b>1572,8</b>	<b>1581,8</b>	<b>1746,9</b>	<b>2237,5</b>	<b>1081,6</b>
	<b>Percent</b>					
Consumption cash expenditure	90,0	91,2	91,9	91,4	88,7	91,2
food products (including catering						
outside home, alcoholic beverages						
and tobacco)	54,4	55,6	55,1	53,3	48,1	58,3
manufactured goods and services	35,6	35,6	36,8	38,1	40,6	32,9
Cash support to relatives, friends						
and other persons	3,1	2,9	2,8	2,9	4,1	2,1
Other expenditure (on personal						
subsistence farms, purchase of shares						
and certificates, bank deposits,						
alimony, housing construction, etc.)	6,9	5,9	5,3	5,7	7,2	6,7

<sup>1</sup> See the footnote to Table 18.19**18.24. Population, by total per capita income<sup>1</sup>**

(percent)

	2005			2006			2007		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total population</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
With average per capita total income <sup>1</sup>									
per month, UAH									
under 300,0	29,2	24,4	38,9	19,7	15,0	29,0	3,7	2,1	6,8
300,1–360,0	13,3	12,9	14,1	10,5	9,6	12,3	3,9	3,2	5,4
360,1–420,0	12,2	12,5	11,8	11,6	11,1	13,0	6,3	5,1	8,7
420,1–480,0	9,4	9,8	8,7	10,1	9,9	10,3	7,7	7,0	9,1
480,1–540,0	8,1	8,6	6,9	9,7	10,7	7,7	8,8	8,9	8,8
540,1–600,0	6,3	6,8	5,4	7,1	7,6	6,1	10,4	9,6	12,1
600,1–660,0	4,4	4,8	3,4	6,2	7,0	4,7	9,7	9,1	10,9
660,1–720,0	3,5	4,1	2,3	4,9	5,2	4,4	8,3	8,4	8,1
720,1–780,0	13,6 <sup>2</sup>	16,1	8,5	20,2 <sup>2</sup>	23,9	12,5	7,1	7,2	6,9
780,1–840,0	...	...	...	...	...	...	5,8	5,9	5,6
over 840,0	...	...	...	...	...	...	28,3	33,5	17,6
Quintile differentiation coefficient									
of cash income <sup>1</sup> of the population,									
times	2,4	2,4	2,3	2,4	2,3	2,3	2,0	2,0	2,0
Correlation of cash income <sup>1</sup> of 20 %									
richest and 20 % poorest people									
(quintile coefficient for funds), times	4,6	4,7	4,2	4,7	4,7	4,3	3,6	3,6	3,4
Percentage of people with average									
per capita cash income <sup>1</sup> per month									
lower than subsistence level <sup>3</sup>	55,3	50,4	65,2	50,9	44,6	63,9	29,3	25,4	37,5

<sup>1</sup> In 2000–2006 as the differentiation criterion the indicator “average per capita total expenditure” was used<sup>2</sup> See the second footnote to Table 18.17<sup>3</sup> See the third footnote to Table 18.17

## POPULATION INCOME AND EXPENDITURE

**18.25. Households, by total per capita income<sup>1</sup>***(percent)*

	2005			2006			2007		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>All households</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
With average per capita total income <sup>1</sup> per month, UAH									
under 300,0	22,3	19,3	28,7	14,3	11,2	21,2	2,7	1,8	4,8
300,1–360,0	11,9	11,5	12,9	9,2	8,4	10,9	2,9	2,5	3,8
360,1–420,0	12,1	12,1	12,1	10,9	10,3	12,3	4,6	3,9	6,4
420,1–480,0	9,8	9,8	9,8	10,0	9,7	10,5	6,1	5,8	6,7
480,1–540,0	8,8	9,0	8,4	9,7	10,2	8,6	8,5	8,9	7,6
540,1–600,0	7,2	7,4	6,8	7,7	7,9	7,3	10,5	9,9	11,6
600,1–660,0	5,3	5,6	4,7	6,8	7,2	5,6	9,6	8,8	11,2
660,1–720,0	4,3	4,7	3,5	5,6	5,7	5,3	8,9	8,6	9,7
720,1–780,0	18,3 <sup>2</sup>	20,6	13,1	25,8 <sup>2</sup>	29,4	18,3	7,5	7,1	8,3
780,1–840,0	...	...	...	...	...	...	6,1	5,9	6,6
over 840,0	...	...	...	...	...	...	32,6	36,8	23,3
Percentage of households with average per capita cash income <sup>1</sup> per month lower than subsistence level <sup>3</sup>									
	46,9	43,6	54,1	43,3	38,6	53,9	23,7	21,7	28,0

<sup>1</sup> See the first footnote to Table 18.24<sup>2</sup> See the second footnote to Table 18.17<sup>3</sup> See the third footnote to Table 18.17

## POPULATION INCOME AND EXPENDITURE

**18.26. Households in 2007, 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	300,1–360,0	360,1–420,0	420,1–480,0	480,1–540,0	540,1–600,0
<b>All households</b>	<b>100,0</b>	<b>2,7</b>	<b>2,9</b>	<b>4,6</b>	<b>6,1</b>	<b>8,5</b>	<b>10,5</b>
Breakdown by level of average per capita total income of households consisting of							
one person	100,0	0,9	0,6	0,9	2,5	7,8	11,6
two persons	100,0	1,6	1,6	2,7	4,1	7,5	9,7
three persons	100,0	2,5	3,5	5,4	6,7	9,3	10,1
four persons	100,0	5,3	6,1	9,1	11,0	10,1	10,0
five persons and more	100,0	7,5	6,0	11,2	11,8	8,9	11,5
<b>All households with children</b>	<b>100,0</b>	<b>5,3</b>	<b>5,9</b>	<b>9,0</b>	<b>10,5</b>	<b>10,4</b>	<b>10,8</b>
Breakdown by level of average per capita total income of households with							
one child	100,0	3,3	3,9	7,0	8,9	10,3	10,9
two children	100,0	7,4	9,5	12,7	13,7	10,8	10,6
three children	100,0	25,5	9,4	18,6	17,3	12,2	6,6
four or more children	100,0	27,6	30,4	11,3	7,2	4,1	17,4

Table 18.26 is continued

	With average per capita total income per month, UAH					
	600,1–660,0	660,1–720,0	720,1–780,0	780,1–840,0	over 840,0	for reference: under 532 UAH <sup>1</sup>
<b>All households</b>	<b>9,6</b>	<b>8,9</b>	<b>7,5</b>	<b>6,1</b>	<b>32,6</b>	<b>23,7</b>
Breakdown by level of average per capita total income of households consisting of						
one person	10,6	11,0	8,8	6,1	39,2	11,2
two persons	8,6	9,2	7,4	7,5	40,1	16,5
three persons	8,8	8,5	6,7	6,0	32,5	26,2
four persons	9,4	7,0	8,6	4,8	18,6	40,4
five persons and more	12,2	7,1	4,1	4,4	15,3	44,2
<b>All households with children</b>	<b>9,7</b>	<b>7,8</b>	<b>6,6</b>	<b>5,0</b>	<b>19,0</b>	<b>39,9</b>
Breakdown by level of average per capita total income of households with						
one child	10,2	8,5	7,3	5,5	24,2	32,2
two children	9,5	7,2	5,3	4,5	8,8	52,6
three children	3,7	0,4	2,5	0,4	3,4	82,7
four and more children	1,5	0,0	0,0	0,5	0,0	80,7

<sup>1</sup> See the footnote to Table 18.19

## POPULATION INCOME AND EXPENDITURE

**18.27. Structure of total household expenditure***(average monthly per one household)*

	2000			2006			2007		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total expenditure, UAH</b>	<b>541,3</b>	<b>547,3</b>	<b>528,1</b>	<b>1442,8</b>	<b>1519,3</b>	<b>1274,0</b>	<b>1722,0</b>	<b>1820,5</b>	<b>1503,1</b>
	<b>Percent</b>								
Total consumer expenditure	93,3	93,8	92,5	90,5	91,5	87,9	90,0	91,3	86,3
food products (including catering outside home, alcoholic beverages and tobacco)	67,9	65,3	74,1	57,5	56,0	61,5	55,8	54,3	59,3
manufactured goods and services	25,4	28,5	18,4	33,0	35,5	26,4	34,2	37,0	27,0
payment for housing, communal products and services	6,9	8,1	4,2	7,1	8,0	4,7	8,5	9,7	5,2
of which sum of benefits and subsidies	2,3	2,5	1,8	0,6	0,7	0,5	0,9	0,9	0,6
Non-consumption total expenditure	6,7	6,2	7,5	9,5	8,5	12,1	10,0	8,7	13,7

**18.28. Structure of total household expenditure, by household size***(average monthly per one household)*

	2006						2007					
	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
<b>Total expenditure, UAH</b>	<b>1442,8</b>	<b>780,0</b>	<b>1340,0</b>	<b>1677,2</b>	<b>1923,6</b>	<b>2127,4</b>	<b>1722,0</b>	<b>917,4</b>	<b>1548,2</b>	<b>2029,3</b>	<b>2282,8</b>	<b>2641,6</b>
	<b>Percent</b>											
Total consumer expenditure	90,5	89,9	87,7	92,0	91,4	92,0	90,0	90,6	89,1	90,6	89,3	90,6
food products (including catering outside home, alcoholic beverages and tobacco)	57,5	61,0	57,6	56,0	55,6	60,5	55,8	58,5	57,2	53,4	54,2	57,7
manufactured goods and services	33,0	28,9	30,1	36,0	35,8	31,5	34,2	32,1	31,9	37,2	35,1	32,9
payment for housing, communal products and services	7,1	9,6	7,3	7,1	6,1	5,4	8,5	11,7	9,2	8,4	7,1	6,4
of which sum of benefits and subsidies	0,6	1,5	0,8	0,3	0,4	0,4	0,9	2,1	1,1	0,4	0,5	0,6
Non-consumption total expenditure	9,5	10,1	12,3	8,0	8,6	8,0	10,0	9,4	10,9	9,4	10,7	9,4

## POPULATION INCOME AND EXPENDITURE

**18.29. Structure of total expenditure for households with children, by number of children***(average monthly per one household)*

	2006					2007				
	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
<b>Total expenditure, UAH</b>	<b>1774,5</b>	<b>1740,7</b>	<b>1860,9</b>	<b>1704,9</b>	<b>1749,8</b>	<b>2134,6</b>	<b>2097,6</b>	<b>2214,0</b>	<b>2116,3</b>	<b>2497,9</b>
					<b>Percent</b>					
Total consumer expenditure	91,7	92,3	90,1	92,8	92,0	90,2	90,2	89,9	91,7	91,3
food products (including catering outside home, alcoholic beverages and tobacco)	56,7	55,9	56,6	64,5	67,3	54,5	53,6	55,7	59,0	64,3
manufactured goods and services	35,0	36,4	33,5	28,3	24,7	35,7	36,6	34,2	32,7	27,0
payment for housing, communal products and services	6,5	6,8	5,9	5,7	3,9	7,7	8,2	6,6	6,8	3,6
of which sum of benefits and subsidies	0,3	0,3	0,4	0,2	0,3	0,4	0,4	0,4	0,6	0,1
Non-consumption total expenditure	8,3	7,7	9,9	7,2	8,0	9,8	9,8	10,1	8,3	8,7

**18.30. Structure of total household expenditure in 2007, 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	300,1–360,0	360,1–420,0	420,1–480,0	480,1–540,0	540,1–600,0
<b>Total expenditure, UAH</b>	<b>1722,0</b>	<b>983,1</b>	<b>1212,9</b>	<b>1374,0</b>	<b>1412,1</b>	<b>1263,3</b>	<b>1393,5</b>
							<b>Percent</b>
Total consumer expenditure	90,0	96,7	95,2	95,5	93,5	94,0	92,3
food products (including catering outside home, alcoholic beverages and tobacco)	55,8	71,7	68,1	66,6	62,7	62,6	61,0
manufactured goods and services	34,2	25,0	27,1	28,9	30,8	31,4	31,3
payment for housing, communal products and services	8,5	8,1	8,2	8,0	8,5	9,6	8,9
of which sum of benefits and subsidies	0,9	0,4	0,4	0,5	0,5	0,9	1,1
Non-consumption total expenditure	10,0	3,3	4,8	4,5	6,5	6,0	7,7

## POPULATION INCOME AND EXPENDITURE

Table 18.30 is continued

	With average per capita total income per month, UAH					
	600,1–660,0	660,1–720,0	720,1–780,0	780,1–840,0	over 840,0	for reference: under 532 UAH <sup>1</sup>
<b>Total expenditure, UAH</b>	<b>1465,1</b>	<b>1496,3</b>	<b>1629,7</b>	<b>1749,2</b>	<b>2314,5</b>	<b>1285,6</b>
	<b>Percent</b>					
Consumption cash expenditure	91,8	91,8	92,1	91,3	86,4	94,6
food products (including catering outside home, alcoholic beverages and tobacco)	58,9	60,2	58,4	56,6	48,8	64,9
manufactured goods and services	32,9	31,6	33,7	34,7	37,6	29,7
payment for housing, communal products and services	9,1	8,9	8,5	8,3	8,2	8,7
of which						
sum of benefits and subsidies	1,2	1,1	1,1	1,0	0,7	0,6
Non-consumption total expenditure	8,2	8,2	7,9	8,7	13,6	5,4

<sup>1</sup> See the footnote to Table 18.19**18.31. Structure of household expenditure in 2007, 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
<b>Total expenditure, UAH</b>	<b>1722,0</b>	<b>1820,5</b>	<b>1503,1</b>	<b>1528,6</b>	<b>1675,1</b>	<b>1203,0</b>
	<b>Percent</b>					
Consumption expenditure	90,0	91,3	86,3	90,1	93,5	79,8
food goods and non-alcoholic beverages	51,4	49,5	56,4	48,4	50,0	43,6
alcohol	1,7	1,7	1,3	1,8	1,9	1,5
tobacco	0,9	0,9	0,8	1,0	1,0	1,0
clothing and footwear	5,9	6,0	5,7	6,6	6,4	7,1
housing, water, electricity, gas and other fuel	10,9	12,0	8,1	11,4	12,0	9,3
furniture, personal effects, household appliances and daily household services	2,9	3,0	2,7	3,2	3,2	3,4
health care	2,5	2,5	2,5	2,6	2,4	3,0
transport	3,4	3,5	2,9	3,6	3,6	3,6
communications	2,6	2,9	1,6	2,9	3,2	2,0
recreation and culture	2,4	2,9	1,2	2,7	3,1	1,5
education	1,3	1,6	0,7	1,5	1,7	0,9
hotels, cafes and restaurants	2,3	2,8	1,0	2,4	2,8	1,2
other goods and services	1,8	2,0	1,4	2,0	2,2	1,7

POPULATION INCOME AND EXPENDITURE

**18.32. Structure of household money income**

(average monthly per one household)

	2000			2006			2007		
	All house- holds	including by areas		All house- holds	including by areas		All house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total cash income, UAH</b>	<b>288,0</b>	<b>306,4</b>	<b>247,3</b>	<b>1411,6</b>	<b>1511,9</b>	<b>1190,3</b>	<b>1791,6</b>	<b>1929,9</b>	<b>1484,4</b>
	<b>Percent</b>								
Labour remuneration	54,6	61,9	34,5	55,3	61,4	38,0	56,9	62,7	40,1
Income from entrepreneurship and self-employment	3,5	3,9	2,5	5,2	5,2	5,2	5,9	6,3	4,7
Income from sales of agricultural products	7,8	1,5	24,9	4,4	0,6	14,9	4,0	0,4	14,4
Cash pensions, stipends and benefits	23,3	22,3	26,4	27,0	24,8	33,6	25,8	23,5	32,4
Cash support from relatives and other individuals and other cash income	10,8	10,4	11,7	8,1	8,0	8,3	7,4	7,1	8,4

**18.33. Structure of household money income, by household size**

(average monthly per one household)

	2006						2007					
	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
<b>Total cash income, UAH</b>	<b>1411,6</b>	<b>662,0</b>	<b>1298,6</b>	<b>1703,1</b>	<b>1924,6</b>	<b>2161,3</b>	<b>1791,6</b>	<b>821,9</b>	<b>1595,7</b>	<b>2194,7</b>	<b>2395,3</b>	<b>2894,5</b>
	<b>Percent</b>											
Labour remuneration	55,3	28,9	43,4	67,5	66,4	56,0	56,9	31,0	45,1	66,8	67,0	60,7
Income from entrepreneurship and self-employment	5,2	3,1	3,2	5,8	7,0	6,9	5,9	2,6	3,2	7,6	7,6	6,4
Income from sales of agricultural products	4,4	2,8	4,8	3,6	4,9	5,8	4,0	3,1	4,3	3,4	4,6	5,0
Cash pensions, stipends and benefits	27,0	51,4	39,2	15,8	15,1	26,6	25,8	48,3	40,0	15,2	14,8	23,3
Cash support from relatives and other individuals and other cash income	8,1	13,8	9,4	7,3	6,6	4,7	7,4	15,0	7,4	7,0	6,0	4,6

## POPULATION INCOME AND EXPENDITURE

**18.34. Structure of money income for households with children, by number of children***(average monthly per one household)*

	2006					2007				
	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**                      **1723,7   1743,4   1700,7   1595,5   1593,6   2206,9   2211,5   2223,7   1964,8   2156,7**

**Percent**

Labour remuneration	63,6	66,4	59,5	50,4	41,1	64,7	67,5	59,9	51,3	39,9
Income from entrepreneurship and self-employment	7,1	6,5	8,3	11,1	2,4	8,5	8,3	8,8	9,5	12,1
Income from sales of agricultural products	4,9	4,0	6,9	6,8	7,6	4,3	3,4	6,1	7,3	12,6
Cash pensions, stipends and benefits	16,1	15,1	16,3	22,0	42,8	14,6	13,4	16,2	21,7	28,8
Cash support from relatives and other individuals and other cash income	8,3	8,0	9,0	9,7	6,1	7,9	7,4	9,0	10,2	6,6

**18.35. Structure of household money income in 2007, by per capita money income***(average monthly per one household)*

	All households	With average per capita cash income per month, UAH					
		under 300,0	300,1–360,0	360,1–420,0	420,1–480,0	480,1–540,0	540,1–600,0

**Total cash income, UAH**                      **1791,6   835,5   1173,3   1373,7   1172,2   1199,7   1407,7**

**Percent**

Labour remuneration	56,9	49,5	49,7	52,6	45,9	40,2	48,6
Income from entrepreneurship and self-employment	5,9	2,0	4,5	3,7	2,1	3,7	3,6
Income from sales of agricultural products	4,0	9,1	8,7	6,0	5,9	5,2	5,1
Cash pensions, stipends and benefits	25,8	27,6	27,4	29,4	38,3	43,3	35,7
Cash support from relatives and other individuals and other cash income	7,4	11,8	9,7	8,3	7,8	7,6	7,0



## POPULATION INCOME AND EXPENDITURE

Table 18.35 is continued

	With average per capita cash income per month, UAH					
	600,1– 660,0	660,1–720,0	720,1–780,0	780,1–840,0	over 840,0	for reference: under 532 UAH <sup>1</sup>
<b>Total cash income, UAH</b>	<b>1582,4</b>	<b>1748,4</b>	<b>1890,0</b>	<b>2076,1</b>	<b>2797,2</b>	<b>1158,5</b>
	<b>Percent</b>					
Labour remuneration	53,5	55,6	60,1	66,0	63,8	46,2
Income from entrepreneurship and self-employment	3,7	5,2	4,6	4,9	8,5	3,3
Income from sales of agricultural products	4,9	4,3	3,4	3,4	2,5	6,4
Cash pensions, stipends and benefits	31,2	27,5	24,9	19,1	18,0	35,6
Cash support from relatives and other individuals and other cash income	6,7	7,4	7,0	6,6	7,2	8,5

<sup>1</sup> See the footnote to Table 18.19**18.36. Structure of household total resources**

(average monthly per one household)

	2000			2006			2007		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total resources, UAH</b>	<b>422,9</b>	<b>406,8</b>	<b>458,4</b>	<b>1611,7</b>	<b>1663,8</b>	<b>1496,5</b>	<b>2012,1</b>	<b>2097,5</b>	<b>1822,4</b>
	<b>Percent</b>								
Cash income	68,1	75,3	54,0	87,6	90,9	79,5	89,0	92,0	81,5
labour remuneration	37,1	46,6	18,7	48,4	55,8	30,3	50,6	57,7	32,7
income from entrepreneurship and self-employment	2,4	3,0	1,4	4,6	4,8	4,2	5,2	5,7	3,8
income from sales of agricultural products	5,3	1,1	13,4	3,8	0,6	12,0	3,6	0,4	11,7
cash pensions, stipends and benefits	15,9	16,7	14,2	23,7	22,5	26,5	23,0	21,6	26,6
cash support from relatives and other individuals and other cash income	7,4	7,9	6,3	7,1	7,2	6,5	6,6	6,6	6,7
Value of consumed products that were produced at private subsistence farms or individually procured	17,1	8,0	34,9	5,4	2,0	13,9	4,8	1,6	12,8
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	2,9	3,3	2,0	0,6	0,6	0,4	0,7	0,9	0,5
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 <sup>1</sup>	0,9	1,2	0,3	0,6	0,8	0,3	0,5	0,6	0,2
Other receipts	11,0	12,2	8,8	5,8	5,7	5,9	5,0	4,9	5,0

<sup>1</sup> Since 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)*

	2006						2007					
	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
<b>Total resources, UAH</b>	<b>1611,7</b>	<b>767,4</b>	<b>1468,8</b>	<b>1909,2</b>	<b>2217,9</b>	<b>2536,2</b>	<b>2012,2</b>	<b>942,7</b>	<b>1784,3</b>	<b>2404,2</b>	<b>2726,4</b>	<b>3332,7</b>
	<b>Percent</b>											
Cash income	87,6	86,3	88,4	89,2	86,8	85,2	89,0	87,2	89,4	91,3	87,9	86,9
labour remuneration	48,4	25,0	38,3	60,2	57,6	47,8	50,6	27,1	40,4	60,9	58,9	52,8
income from entrepreneurship and self- employment	4,6	2,7	2,8	5,2	6,0	5,9	5,2	2,3	2,9	7,0	6,7	5,6
income from sales of agricultural products	3,8	2,5	4,3	3,2	4,2	4,9	3,6	2,7	3,9	3,1	4,0	4,3
cash pensions, stipends and benefits	23,7	44,2	34,7	14,2	13,1	22,6	23,0	42,0	35,5	13,9	13,0	20,3
cash support from relatives and other individuals and other cash income	7,1	11,9	8,3	6,4	5,9	4,0	6,6	13,1	6,7	6,4	5,3	3,9
Value of consumed products that were produced at private subsistence farms or individually procured	5,4	5,6	5,7	4,0	5,2	8,6	4,8	4,8	4,8	3,3	4,5	7,5
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,6	1,5	0,7	0,3	0,3	0,4	0,7	2,1	1,0	0,4	0,4	0,4
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc. as well as to pay for transport and communication services	0,6	0,7	0,6	0,6	0,6	0,5	0,5	0,7	0,6	0,4	0,5	0,6
Other receipts	5,8	5,9	4,6	5,9	7,1	5,3	5,0	5,2	4,2	4,6	6,7	4,6

## POPULATION INCOME AND EXPENDITURE

**18.38. Structure of total resources of households with children, by number of children***(average monthly per one household)*

	2006					2007				
	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
<b>Total resources, UAH</b>	<b>1988,0</b>	<b>1968,1</b>	<b>2035,8</b>	<b>1950,1</b>	<b>2036,6</b>	<b>2501,1</b>	<b>2475,3</b>	<b>2572,7</b>	<b>2340,7</b>	<b>2742,9</b>
	<b>Percent</b>									
Cash income	86,7	88,6	83,5	81,8	78,2	88,2	89,3	86,4	83,9	78,6
labour remuneration	55,1	58,7	49,7	41,2	32,2	57,1	60,3	51,7	43,2	31,3
income from entrepreneurship and self-employment	6,2	5,7	7,0	9,1	1,9	7,5	7,3	7,6	7,9	9,6
income from sales of agricultural products	4,3	3,5	5,8	5,6	5,9	3,8	3,0	5,3	6,1	9,9
cash pensions, stipends and benefits	13,9	13,5	13,5	18,0	33,5	12,8	12,0	14,0	18,2	22,6
cash support from relatives and other individuals and other cash income	7,2	7,2	7,5	7,9	4,7	7,0	6,7	7,8	8,5	5,2
Value of consumed products that were produced at private subsistence farms or individually procured	5,6	4,3	7,2	10,3	15,9	4,8	3,8	6,6	9,5	14,0
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,3	0,3	0,4	0,1	0,2	0,4	0,4	0,3	0,6	0,1
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc. as well as to pay for transport and communication services	0,6	0,6	0,7	0,7	0,8	0,6	0,5	0,7	0,5	0,0
Other receipts	6,8	6,2	8,2	7,1	4,9	6,0	6,0	6,0	5,5	7,3

## POPULATION INCOME AND EXPENDITURE

**18.39. Structure of household total resources in 2007, by total per capita income***(average monthly per one household)*

	All house- holds	With average per capita total income per month, UAH												for reference: under 532 UAH <sup>1</sup>
		under 300,0	300,1– 360,0	360,1– 420,0	420,1– 480,0	480,1– 540,0	540,1– 600,0	600,1– 660,0	660,1– 720,0	720,1– 780,0	780,1– 840,0	over 840,0		
<b>Total resources, UAH</b>	<b>2012,1</b>	<b>906,4</b>	<b>1231,5</b>	<b>1430,8</b>	<b>1533,9</b>	<b>1418,8</b>	<b>1528,3</b>	<b>1688,3</b>	<b>1700,7</b>	<b>1879,8</b>	<b>2051,4</b>	<b>2858,8</b>	<b>1368,8</b>	
	<b>Percent</b>													
Cash income	89,0	81,2	84,4	84,8	85,9	88,4	87,5	87,7	88,8	89,0	88,9	90,7	86,0	
labour remuneration	50,6	39,2	47,3	44,8	46,4	43,4	40,5	45,8	46,1	49,1	51,4	56,3	44,7	
income from entrepreneurship and self-employment	5,2	1,8	1,6	3,9	2,5	3,5	3,3	3,2	3,6	4,1	3,4	7,3	2,9	
income from sales of agricultural products	3,6	4,8	5,7	5,3	4,9	3,8	4,5	4,6	3,8	3,9	3,5	2,8	4,6	
cash pensions, stipends and benefits	23,0	24,0	21,9	23,1	24,7	31,1	32,7	28,3	29,0	25,7	23,8	17,6	26,1	
cash support from relatives and other individuals and other cash income	6,6	11,4	7,9	7,7	7,4	6,6	6,5	5,8	6,3	6,2	6,8	6,7	7,7	
Value of consumed products that were produced at private subsistence farms or individually procured	4,8	11,6	8,8	9,3	8,0	5,8	6,2	6,3	5,8	5,2	5,2	2,7	7,9	
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,7	0,4	0,4	0,5	0,5	0,8	1,0	1,1	1,0	1,0	0,9	0,6	0,5	
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	0,2	0,3	0,2	0,5	0,4	0,4	0,5	0,4	0,6	0,6	0,6	0,4	
Other receipts	5,0	6,6	6,1	5,2	5,1	4,6	4,9	4,4	4,0	4,2	4,4	5,4	5,2	

<sup>1</sup> See the footnote to Table 18.19

POPULATION INCOME AND EXPENDITURE

**18.40. Foodstuffs consumed by households**

(average monthly per capita; kg)

	2000			2006			2007		
	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	4,7	5,0	3,8	5,1	5,5	4,1
Milk and dairy products	17,1	15,4	20,5	22,3	21,8	23,3	22,1	21,7	22,8
Eggs, pcs	18	20	16	19	20	17	20	21	18
Fish and fish products	1,3	1,4	1,1	1,9	2,0	1,7	1,9	2,0	1,7
Sugar	3,5	3,5	3,5	3,2	3,1	3,3	3,2	3,1	3,4
Sunflower-seed oil and other vegetables oils	1,8	1,9	1,6	1,7	1,8	1,7	1,7	1,7	1,7
Potatoes	10,4	9,0	13,1	8,7	7,3	11,4	8,3	7,1	11,0
Vegetables, melons and gourds	9,5	9,7	9,3	9,4	9,5	9,3	8,7	8,6	8,9
Fruit, berries, nuts and grapes	2,5	2,7	1,9	3,0	3,5	1,8	3,6	4,2	2,1
Bread and bakery products	10,7	10,5	11,2	9,8	9,0	11,4	9,6	8,7	11,4

**18.41. Foodstuffs consumed by households, by household size**

(average monthly per capita; kg)

	2006						2007					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Meat and meat products	4,7	6,0	5,6	4,7	4,0	3,4	5,1	6,5	6,1	5,0	4,3	3,9
Milk and dairy products	22,3	32,2	25,9	20,4	19,0	19,0	22,1	31,4	25,3	20,2	19,1	19,2
Eggs, pcs	19	21	22	20	19	17	20	21	23	20	19	17
Fish and fish products	1,9	2,8	2,4	1,8	1,5	1,3	1,9	2,8	2,4	1,8	1,6	1,4
Sugar	3,2	4,6	3,9	3,0	2,6	2,5	3,2	4,7	4,0	2,9	2,6	2,6
Sunflower-seed oil and other vegetables oils	1,7	2,8	2,1	1,6	1,4	1,3	1,7	2,7	2,0	1,6	1,4	1,3
Potatoes	8,7	11,1	9,9	7,7	7,7	8,8	8,3	10,7	9,6	7,4	7,4	8,6
Vegetables, melons and gourds	9,4	13,3	11,4	8,8	8,0	7,3	8,7	12,2	10,6	8,1	7,2	7,0
Fruit, berries, nuts and grapes	3,0	3,7	3,3	3,1	2,8	2,2	3,6	4,3	4,0	3,7	3,2	2,7
Bread and bakery products	9,8	14,8	11,5	8,7	8,3	8,5	9,6	14,3	11,3	8,4	8,1	8,3

## POPULATION INCOME AND EXPENDITURE

**18.42. Foodstuffs consumed by households with children, by number of children within household***(average monthly per capita; kg)*

	2006					2007				
	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	3,9	4,2	3,5	2,8	2,3	4,3	4,5	3,8	3,3	2,8
Milk and dairy products	18,9	19,2	18,8	17,0	16,9	19,1	19,3	19,0	16,2	17,8
Eggs, pcs	18	19	17	16	13	19	20	17	16	15
Fish and fish products	1,4	1,6	1,3	1,1	0,9	1,5	1,6	1,3	1,3	0,9
Sugar	2,6	2,8	2,4	2,4	2,0	2,6	2,7	2,5	2,4	2,5
Sunflower-seed oil and other vegetables oils	1,4	1,5	1,3	1,2	1,2	1,4	1,5	1,3	1,1	1,2
Potatoes	7,8	7,5	8,0	8,4	10,3	7,4	7,1	7,6	8,8	10,7
Vegetables, melons and gourds	7,7	8,0	7,3	6,3	6,3	7,2	7,5	6,7	5,9	6,5
Fruit, berries, nuts and grapes	2,7	3,0	2,5	2,0	1,4	3,2	3,5	2,9	2,4	2,2
Bread and bakery products	8,2	8,3	8,0	7,9	9,1	8,0	8,0	7,7	7,8	9,6

**18.43. Foodstuffs consumed by households in 2007, 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– 360,0	360,1–420,0	420,1–480,0	480,1–540,0	540,0–600,0
Meat and meat products	5,1	2,7	3,1	3,5	3,9	4,2	4,6
Milk and dairy products	22,1	13,0	16,1	17,1	18,1	19,3	21,8
Eggs, pcs	20	15	16	18	18	19	20
Fish and fish products	1,9	1,2	1,3	1,4	1,5	1,7	1,8
Sugar	3,2	2,2	2,5	2,8	2,7	3,2	3,3
Sunflower-seed oil and other vegetables oils	1,7	1,3	1,4	1,5	1,5	1,7	1,8
Potatoes	8,3	7,8	7,7	8,1	8,3	8,0	8,8
Vegetables, melons and gourds	8,7	5,4	6,4	7,0	7,0	7,7	8,4
Fruit, berries, nuts and grapes	3,6	1,5	2,0	2,3	2,4	2,7	2,9
Bread and bakery products	9,6	8,7	8,3	8,9	9,0	9,6	10,1

## POPULATION INCOME AND EXPENDITURE

Table 18.43 is continued

	With average per capita total income per month, UAH					
	600,1–660,0	660,1–720,0	720,1–780,0	780,1–840,0	over 840,0	for reference: under 532 UAH <sup>1</sup>
Meat and meat products	4,6	5,0	5,4	5,6	6,4	3,6
Milk and dairy products	21,4	23,1	24,3	23,8	25,9	17,3
Eggs, pcs	19	21	21	22	22	18
Fish and fish products	1,8	2,0	2,1	2,0	2,4	1,5
Sugar	3,2	3,5	3,5	3,4	3,5	2,7
Sunflower-seed oil and other vegetables oils	1,7	1,9	1,8	1,7	1,8	1,5
Potatoes	8,6	9,0	8,7	8,9	8,1	8,0
Vegetables, melons and gourds	8,4	9,3	9,7	9,5	10,2	6,9
Fruit, berries, nuts and grapes	3,0	3,5	3,7	3,8	5,1	2,2
Bread and bakery products	9,9	10,4	10,2	9,9	9,4	9,0

<sup>1</sup> See the footnote to Table 18.19**18.44. Foodstuffs consumed by households, by quintile (20 %) group and total per capita income<sup>1</sup>**

(average monthly per capita; kg)

	2006						with average per capita total income <sup>1</sup> per month lower than subsistence level <sup>2</sup>
	all house-holds	including by quintile (20 %) groups					
		first	second	third	fourth	fifth	
Meat and meat products	4,7	2,5	3,7	4,8	5,7	7,5	3,2
Milk and dairy products	22,3	14,3	20,2	23,3	26,1	31,6	17,4
Eggs, pcs	19	15	18	20	22	24	17
Fish and fish products	1,9	1,1	1,5	1,9	2,3	3,1	1,3
Sugar	3,2	2,1	2,8	3,3	3,7	4,4	2,5
Sunflower-seed oil and other vegetables oils	1,7	1,3	1,6	1,8	2,0	2,2	1,4
Potatoes	8,7	7,9	8,3	8,8	9,2	9,9	8,1
Vegetables, melons and gourds	9,4	6,1	8,0	9,8	11,1	13,8	7,1
Fruit, berries, nuts and grapes	3,0	1,2	2,1	2,9	3,8	5,9	1,7
Bread and bakery products	9,8	8,3	9,5	10,1	10,7	11,3	8,9

## POPULATION INCOME AND EXPENDITURE

Table 18.44 is continued

	2007						with average per capita total income <sup>1</sup> per month lower than subsistence level <sup>2</sup>
	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

<sup>1</sup> In 2006, as the criteria for differentiation the indicator 'average per capita total income' was used<sup>2</sup> In the 4<sup>th</sup> quarter 2006, 472 UAH, in the 4<sup>th</sup> quarter 2007, 532 UAH

## 18.45. Foodstuffs consumed

(per capita per year; kg)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Meat and meat products (including lard and offal) on meat base	68	39	33	31	33	35	39	39	42	46
Milk and dairy products on milk base	373	244	199	205	225	226	226	226	235	225
Eggs, pcs	272	171	166	180	209	214	220	238	251	252
Fish and fish products	17,5	3,6	8,4	11,0	11,9	12,0	12,3	14,4	14,1	15,3
Sugar	50	32	37	40	36	36	38	38	40	40
Oil	11,6	8,2	9,4	10,0	10,7	11,3	13,0	13,5	13,6	14,3
Potatoes	131	124	135	140	133	138	141	136	134	130
Vegetables, melons and gourds	102	97	102	105	108	114	115	120	127	118
Fruit, berries and grapes (excluding processed for wine)	47	33	29	26	29	33	34	37	35	42
Bakery products (bread, pasta on flour base; flour, cereals and legume crops)	141	128	125	130	131	125	126	124	120	116



POPULATION INCOME AND EXPENDITURE

**18.46. Consumed nutrients<sup>1</sup>**

(per capita per day)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Calories, kcal	3597	2696	2661	2758	2800	2798	2910	2916	2935	2940
Proteins, g	105,3	77,7	73,4	75,9	78,6	77,7	79,3	79,7	80,0	79,0
Fat, g	124,0	77,1	71,7	73,2	78,3	80,9	87,8	89,7	92,5	95,5
Calcium, mg	1362	954	825	850	914	919	923	927	954	921
Iron, mg	25,0	20,2	19,4	19,9	20,3	20,1	20,5	20,5	20,3	20,0
Retinol, µg	1863	1217	1004	1037	1142	1150	1152	1156	1204	1158
Equivalent of beta-carotene, µg	1528	1431	1472	1514	1569	1646	1670	1735	1824	1711
Equivalent of retinol and beta-carotene (RET+ <sup>1</sup> / <sub>6</sub> B-CAREQ), µg	2115	1455	1249	1290	1403	1424	1430	1446	1507	1443
Thiamine, mg	2,30	1,86	1,81	1,85	1,87	1,84	1,88	1,90	1,90	1,87
Riboflavin, mg	3,46	2,57	2,27	2,32	2,47	2,50	2,54	2,51	2,60	2,57
Niacin, mg	22,4	17,3	16,8	17,1	17,5	17,5	17,9	17,9	18,1	18,1
Ascorbic acid, mg	123	98	100	101	102	108	110	111	111	110

<sup>1</sup> 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 durables<sup>1</sup> in households<sup>2</sup>**

(average per 100 households; pcs)

	2000	2001	2002	2003	2004	2005	2006
Refrigerators and freezers	94	93	94	95	96	99	100
Washing machines	74	74	74	75	74	77	78
Vacuum cleaners	56	55	54	56	56	62	64
Electric irons	98	98	99	98	96	98	98
CD-players	...	...	...	...	3	7	12
Colour TV sets	69	71	74	79	83	91	96
Black-and-white TV sets	36	32	29	24	20	15	12
Videocassette recorders	13	13	14	16	17	22	21
Audiocassette recorders	43	43	41	39	35	34	27
Music centers	3	3	4	6	8	11	13
Cameras	22	23	25	27	30	36	35
Computers	1	2	3	4	6	9	12
Microwaves	1	2	3	3	5	9	14
Kitchen combines	3	3	4	4	3	5	5
Sewing machines	48	46	43	40	35	35	32
Motorbikes and bicycles	43	43	42	40	41	44	44
Motorcycles	7	6	5	5	4	4	3
Cars	17	16	16	16	16	16	17
Mobile phones	...	...	...	...	15 <sup>3</sup>	44	81

<sup>1</sup> 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)

<sup>2</sup> Since 2006, the polling of households regarding the availability of durables in them is conducted once every two years

<sup>3</sup> 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 <sup>1</sup>	2003 <sup>1</sup>	2004 <sup>1</sup>	2005 <sup>1</sup>	2006 <sup>1</sup>	2007 <sup>1</sup>
<b>Ukraine</b>	<b>63</b>	<b>87</b>	<b>104</b>	<b>105</b>	<b>108</b>	<b>105</b>	<b>108</b>	<b>113</b>	<b>115</b>	<b>122</b>
Autonomous Republic of Crimea	83	110	119	126	124	127	126	127	119	119
<b>oblasts</b>										
Vinnitsya	56	81	101	103	100	106	94	104	104	112
Volyn	50	72	92	93	93	94	91	88	99	101
Dnipropetrovsk	73	96	106	107	112	116	106	118	119	134
Donetsk	63	79	102	102	101	106	107	102	107	104
Zhytomyr	49	70	90	90	95	83	99	99	105	113
Zakarpattia	64	94	92	92	95	96	103	115	118	117
Zaporizhzhya	96	121	144	145	146	161	166	170	167	166
Ivano-Frankivsk	39	68	86	86	90	96	96	98	99	106
Kyiv	59	91	115	114	131	65	132	144	122	158
Kirovohrad	75	90	121	109	103	102	89	87	93	110
Luhansk	73	89	95	100	104	88	112	115	119	124
Lviv	51	67	75	75	95	82	87	91	96	98
Mykolayiv	61	83	83	82	82	84	87	88	90	96
Odesa	69	83	102	103	108	98	97	87	80	100
Poltava	75	98	123	125	94	102	113	129	141	154
Rivne	37	58	76	74	76	95	88	91	82	88
Sumy	58	83	92	91	94	86	91	94	90	93
Ternopil	43	66	87	85	87	89	80	80	84	91
Kharkiv	68	95	108	116	119	122	121	124	125	124
Kherson	63	93	106	107	113	113	114	118	118	124
Khmelnyskiy	49	71	94	92	93	75	74	77	89	95
Cherkasy	68	110	117	121	120	121	121	118	126	130
Chernivtsi	52	90	108	104	105	98	96	98	98	99
Chernihiv	54	71	79	79	74	66	73	79	81	85
<b>cities</b>										
Kyiv	60	103	148	154	161	163	167	183	199	221
Sevastopol	87	113	125	128	133	162	79	144	146	147

<sup>1</sup> 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 persons<sup>1</sup>***(in national and foreign currencies;  
end of year; mln. UAH)*

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>6780</b>	<b>11338</b>	<b>19302</b>	<b>32396</b>	<b>41611</b>	<b>73202</b>	<b>106715</b>	<b>164159</b>
In national currency	3481	6566	11601	18875	22116	42176	57837	99411
In foreign currency	3299	4772	7701	13521	19495	31026	48878	64749

<sup>1</sup> 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 2007, 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
<b>Ukraine</b>	<b>164159</b>	<b>99411</b>	<b>29110</b>	<b>70300</b>	<b>64749</b>	<b>8230</b>	<b>56519</b>
Autonomous Republic of Crimea	6161	3527	932	2595	2634	441	2193
<b>oblasts</b>							
Vinnitsya	2656	1692	421	1270	965	115	849
Volyn	1976	1321	212	1109	655	65	590
Dnipropetrovsk	16282	11640	4926	6714	4643	789	3853
Donetsk	12995	8567	2459	6108	4428	392	4035
Zhytomyr	2020	1374	380	994	646	64	583
Zakarpattia	1648	845	188	657	802	92	710
Zaporizhzhya	4803	3092	700	2392	1711	170	1541
Ivano-Frankivsk	2746	1484	298	1185	1263	126	1136
Kyiv	3304	1979	363	1616	1325	140	1185
Kirovohrad	1463	1007	235	771	457	44	413
Luhansk	3956	2835	805	2031	1120	100	1020
Lviv	9790	5017	1130	3887	4773	496	4276
Mykolayiv	2944	1768	386	1382	1176	94	1082
Odesa	8276	3582	1232	2350	4694	882	3812
Poltava	3939	2563	510	2053	1376	95	1281
Rivne	1935	1176	304	872	759	72	687
Sumy	2044	1393	418	974	652	57	595
Ternopil	2165	1081	204	878	1084	140	944
Kharkiv	7470	4537	1276	3261	2933	380	2553
Kherson	2124	1309	305	1004	814	124	690
Khmelnyskiy	2594	1657	335	1321	937	106	832
Cherkasy	2833	1797	483	1315	1036	97	939
Chernivtsi	1565	834	167	667	731	93	638
Chernihiv	2061	1497	424	1073	564	44	520
<b>city</b>							
Kyiv	54407	31837	10016	21820	22570	3010	19559

## 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 regardless of the type of ownership available 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
<b>Total housing stock</b>	<b>922,1</b>	<b>978,3</b>	<b>1015,0</b>	<b>1031,7</b>	<b>1035,7</b>	<b>1040,0</b>	<b>1046,4</b>	<b>1049,2</b>	<b>1057,6</b>
Average per 1 inhabitant, sq. m	17,8	19,2	20,7	21,3	21,6	21,8	22,0	22,2	22,5
<b>Urban housing stock</b>	<b>574,3</b>	<b>616,6</b>	<b>643,2</b>	<b>658,4</b>	<b>661,7</b>	<b>664,5</b>	<b>669,9</b>	<b>671,3</b>	<b>677,6</b>
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
<b>Rural housing stock</b>	<b>347,8</b>	<b>361,7</b>	<b>371,8</b>	<b>373,3</b>	<b>374,0</b>	<b>375,5</b>	<b>376,5</b>	<b>377,9</b>	<b>380,0</b>
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

**19.2. Number of apartment applicants and improvement of housing conditions***(thsd.)*

	1990	1995	2000	2002	2003	2004	2005	2006	2007
Families and single persons registered as requiring accommodations, end of year	2638	2411	1765	1533	1460	1414	1323	1300	1252
Families and single persons who obtained accommodations during a year	235	82	32	25	25	23	20	20	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	1,6	1,3

## HOUSING CONDITIONS OF THE POPULATION

**19.3. Privatization of state dwelling stock in 2007, by region**

	Total privatised apartments and one-apartment buildings		Of which free of charge or with compensation		Total size of privatised apartments and one-apartment buildings, thsd. sq. m	
	total	percentage of total number of public apartments <sup>1</sup>	total	percentage of total number of privatised apartments and one-apartment buildings	total	of which free of charge or with compensation
<b>Ukraine</b>	<b>277828</b>	<b>4,0</b>	<b>233059</b>	<b>83,9</b>	<b>14386,9</b>	<b>11680,7</b>
Autonomous Republic of Crimea	9582	3,0	7638	79,7	493,5	377,2
<b>oblasts</b>						
Vinnitsya	4482	3,6	4200	93,7	218,5	200,4
Volyn	4563	5,3	4075	89,3	232,4	202,1
Dnipropetrovsk	27769	3,7	23083	83,1	1451,5	1171,2
Donetsk	46834	4,5	37341	79,7	2429,3	1859,9
Zhytomyr	7160	5,2	6504	90,8	369,5	328,7
Zakarpattia	2487	3,9	2137	85,9	123,9	104,5
Zaporizhzhya	15022	4,6	12607	83,9	808,5	663,9
Ivano-Frankivsk	3318	2,9	2994	90,2	160,6	140,7
Kyiv	7526	3,8	6657	88,5	398,9	345,9
Kirovohrad	6138	5,2	4691	76,4	305,5	220,7
Luhansk	24791	4,7	18861	76,1	1271,6	935,8
Lviv	11613	3,4	10555	90,9	599,9	533,3
Mykolayiv	8873	5,2	7770	87,6	465,3	395,8
Odesa	12107	3,8	10143	83,8	698,6	560,9
Poltava	5055	2,5	4139	81,9	258,0	203,6
Rivne	3676	3,7	3360	91,4	193,5	174,0
Sumy	5828	3,6	5067	86,9	273,4	228,2
Ternopil	1475	2,3	1278	86,6	73,7	61,7
Kharkiv	24347	4,6	20859	85,7	1213,0	1003,7
Kherson	3396	2,3	2768	81,5	175,5	137,5
Khmelnyskiy	3425	3,1	2856	83,4	174,7	139,2
Cherkasy	4575	3,3	4001	87,5	235,6	200,7
Chernivtsi	1860	2,6	1710	91,9	88,8	79,7
Chernihiv	5325	4,7	4635	87,0	265,9	224,4
<b>cities</b>						
Kyiv	22841	3,4	19858	86,9	1214,4	1023,0
Sevastopol	3760	4,8	3272	87,0	192,9	164,0

<sup>1</sup> Compared with the number of apartments and one-apartment buildings in the State housing stock at the beginning of the privatization process (as of January 1, 1993)

## 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	2006	2007	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>2055,9</b>	<b>1866,4</b>	<b>1351,8</b>	<b>1022,7</b>	<b>994,2</b>	<b>957,6</b>	<b>537,0</b>	<b>503,9</b>	<b>397,0</b>	<b>288,5</b>	<b>294,1</b>	<b>282,1</b>
Autonomous Republic of Crimea	91,0	80,1	55,0	49,4	47,3	49,3	31,8	30,2	26,0	24,5	26,7	24,6
<b>oblasts</b>												
Vinnitsya	51,8	52,7	40,7	23,6	23,5	23,1	11,9	13,1	11,2	9,7	9,5	9,6
Volyn	34,6	33,4	26,0	21,2	24,0	23,5	16,7	17,2	12,2	11,1	10,7	10,9
Dnipro-petrovsk	165,4	150,3	96,4	64,4	61,4	56,9	29,9	24,4	16,3	9,1	8,9	9,2
Donetsk	242,4	206,8	132,5	93,9	92,1	87,8	39,3	27,9	20,7	6,4	6,1	1,5
Zhytomyr	44,1	44,9	37,0	30,0	31,1	29,4	16,4	15,7	13,8	10,1	10,1	9,0
Zakarpattia	22,2	16,6	9,9	6,7	6,5	6,3	5,9	5,8	5,0	5,0	5,0	4,9
Zaporizhzhya	107,2	86,8	60,8	48,2	47,1	45,6	25,2	18,9	14,9	11,6	11,2	10,9
Ivano-Frankivsk	37,9	40,5	31,6	20,5	20,7	20,1	6,0	6,3	6,7	5,6	6,4	6,3
Kyiv	60,2	63,2	50,0	41,0	41,5	41,2	10,5	11,2	8,6	7,4	7,2	7,1
Kirovohrad	43,0	39,8	33,0	14,9	14,4	14,2	8,3	7,9	7,1	7,0	7,0	7,0
Luhansk	120,0	95,5	54,0	36,4	35,6	35,3	26,8	18,4	11,3	8,5	8,3	8,4
Lviv	118,6	100,0	81,3	57,0	55,7	54,4	36,5	35,3	25,5	22,2	22,5	22,5
Mykolayiv	53,1	48,7	34,4	24,4	23,7	23,2	6,1	6,5	5,9	3,4	3,8	3,7
Odesa	101,6	88,3	57,9	44,6	44,8	40,3	21,8	23,0	13,0	7,1	6,6	4,1
Poltava	60,9	55,3	35,7	25,2	24,2	23,8	12,6	12,5	9,2	4,2	3,7	3,6
Rivne	43,4	42,3	33,8	27,2	25,2	24,9	6,9	7,2	6,2	5,2	4,9	4,9
Sumy	70,5	65,5	54,4	42,8	42,1	41,2	19,0	19,4	17,8	16,1	21,4	21,5
Ternopil	32,0	26,1	19,2	17,3	17,3	14,1	10,8	11,3	11,5	9,4	9,6	9,6
Kharkiv	142,8	120,1	85,5	60,3	55,4	53,4	38,4	29,6	17,8	12,4	11,7	10,8
Kherson	51,1	43,1	25,4	18,7	18,4	17,6	12,8	12,6	7,7	5,1	4,5	4,5
Khmelnyskiy	55,3	55,5	42,9	32,3	32,6	30,1	23,7	23,4	22,5	21,7	21,8	22,0
Cherkasy	62,4	57,8	41,5	29,0	27,6	26,8	12,3	16,8	6,9	0,9	1,8	1,6
Chernivtsi	23,1	23,7	16,8	11,8	12,4	12,6	9,5	10,2	9,3	9,7	9,7	9,9
Chernihiv	41,0	36,2	28,2	24,2	24,2	21,0	7,7	5,3	3,4	3,0	3,1	2,4
<b>cities</b>												
Kyiv	155,7	171,0	151,8	145,2	132,7	129,0	74,6	80,0	76,9	46,3	46,3	46,3
Sevastopol	24,6	22,2	16,1	12,5	12,7	12,5	15,6	13,8	9,6	5,8	5,6	5,3

## HOUSING CONDITIONS OF THE POPULATION

**19.5. Families and single persons who obtained housing and improved their housing conditions in urban areas, by region**

	Public housing stock						Cooperative housing stock					
	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>198332</b>	<b>68778</b>	<b>28869</b>	<b>19192</b>	<b>19254</b>	<b>15966</b>	<b>28753</b>	<b>8874</b>	<b>1902</b>	<b>416</b>	<b>563</b>	<b>351</b>
Autonomous Republic of Crimea	8540	2721	1068	1007	1065	1724	743	417	5	—	60	—
<b>oblasts</b>												
Vinnitsya	6188	2046	781	825	908	700	1097	333	371	—	132	—
Volyn	3997	1794	729	327	1091	355	574	325	32	1	—	—
Dnipro-petrovsk	21484	4981	2155	1825	1251	813	1599	192	—	1	2	71
Donetsk	19424	7432	2861	2657	2778	2365	1937	140	1	39	—	—
Zhytomyr	5327	2119	577	415	289	306	1170	207	—	—	—	—
Zakarpattia	1836	349	312	93	116	159	417	16	—	18	58	27
Zaporizhzhya	7967	2759	1322	480	551	351	739	58	—	—	—	—
Ivano-Frankivsk	3758	2319	659	277	274	252	362	216	142	—	—	—
Kyiv	7926	3583	876	330	319	407	662	112	107	—	—	1
Kirovohrad	4864	1767	482	439	333	335	75	237	166	—	—	—
Luhansk	10817	3211	1875	1553	1601	1461	844	28	—	31	43	—
Lviv	9780	2293	1397	260	392	268	1154	460	91	8	92	77
Mykolayiv	6154	1814	741	457	650	399	565	255	68	6	—	24
Odesa	6256	2059	1161	646	711	738	1781	389	7	—	—	—
Poltava	5708	3033	1287	401	351	231	833	1013	129	43	—	—
Rivne	4335	1145	642	229	311	250	461	1	13	—	—	—
Sumy	5039	1812	921	380	306	257	827	209	280	—	90	—
Ternopil	3501	821	173	133	72	109	548	35	—	100	10	—
Kharkiv	12900	3220	1178	587	448	623	1193	158	152	28	46	53
Kherson	3590	805	402	154	228	150	1589	359	6	2	—	2
Khmelnyskiy	5009	2279	885	384	272	182	673	142	—	12	1	90
Cherkasy	4473	1850	653	392	501	170	968	242	131	125	29	—
Chernivtsi	2925	950	280	175	149	118	480	72	45	—	—	—
Chernihiv	4155	2211	792	340	141	113	438	—	123	—	—	—
<b>cities</b>												
Kyiv	20953	8892	4361	4291	3786	2969	6825	3103	33	1	—	1
Sevastopol	1426	513	299	135	360	161	199	155	—	1	—	5



## HOUSING CONDITIONS OF THE POPULATION

**19.6. Housing stock facilities**

(percent)

	1995		2000		2005		2006		2007	
	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	76,7	20,6	76,9	21,6
sewage	69,7	9,5	73,7	12,9	75,4	15,7	75,4	16,3	75,7	17,4
central heating	69,5	11,2	72,8	18,3	74,2	24,4	74,6	25,3	74,7	26,9
gas supply	80,2	79,4	81,6	82,5	81,8	84,1	81,9	84,3	82,2	84,5
hot water supply	54,1	2,7	58,4	4,3	59,7	5,4	59,2	5,7	59,4	6,3
baths	65,4	8,2	70,0	11,1	71,6	13,4	71,7	14,1	72,0	15,1
electric stoves for floor	4,5	0,2	4,8	0,1	5,3	0,1	5,4	0,1	5,4	0,1

**19.7. Improving housing amenities in settlements**

	2000	2001	2002	2003	2004	2005	2006	2007
Inhabited localities equipped with								
water supply								
cities	448	449	449	450	454	452	453	454
rural settlements of urban type	796	790	781	783	767	767	768	769
villages	6651	6616	6506	6490	6375	6308	6305	6280
sewage								
cities	426	429	432	432	436	438	439	440
rural settlements of urban type	518	507	504	497	490	489	495	496
villages	841	834	834	813	792	746	744	742
gasified with the natural gas only and with the natural and liquefied gas <sup>1</sup>								
cities	387	395	394	402	407	411	417	418
rural settlements of urban type	476	486	508	519	533	545	573	592
villages	8086	8321	8799	8671	9444	10318	11661	12281
gasified with the liquefied gas only <sup>1</sup>								
cities	57	53	53	49	45	42	36	34
rural settlements of urban type	384	376	355	341	328	316	295	238
villages	18807	18580	18050	18106	17318	16306	15172	14749

<sup>1</sup> 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

## HOUSING CONDITIONS OF THE POPULATION

**19.8. Housing stock,**

	Total housing stock					Including private housing stock				
	1990	1995	2000	2006	2007	1990	1995	2000	2006	2007
<b>Ukraine</b>	<b>922094</b>	<b>978318</b>	<b>1014974</b>	<b>1049196</b>	<b>1057628</b>	<b>485378</b>	<b>636960</b>	<b>793199</b>	<b>945222</b>	<b>964635</b>
Autonomous Republic of Crimea	31733	36738	37327	38981	39726	10718	22275	26641	33467	34193
<b>oblasts</b>										
Vinnitsya	39937	42011	42994	43376	43472	31234	35312	38004	40982	41077
Volyn	18300	19484	20164	21362	21543	12348	14885	16956	19992	20384
Dnipropetrovsk	69150	76685	77828	78391	78525	27158	42116	56319	67633	69148
Donetsk	95535	95464	98614	100274	100657	35469	53035	69549	84510	86798
Zhytomyr	28220	30555	31817	32756	32874	19518	22935	26162	30360	30811
Zakarpattia	21279	23621	25228	26678	27205	16866	20437	23277	25872	26423
Zaporizhzhya	36828	38200	39397	40231	40510	15876	21643	27999	35779	36796
Ivano-Frankivsk	25070	26746	28813	30500	30898	18458	21827	25877	29229	29779
Kyiv	39532	43339	46835	50221	51451	27198	32258	40103	46884	48315
Kirovohrad	23521	24494	24947	24706	24683	15352	18665	21177	23234	23450
Luhansk	52707	54058	54778	55152	55232	22014	34074	40082	47208	48474
Lviv	44083	47059	49988	51915	52268	23986	29904	40931	47357	48193
Mykolayiv	23470	23469	26009	25935	25930	12342	15526	21273	23234	23579
Odesa	45144	47728	48194	50947	52013	24065	29677	36649	45113	46144
Poltava	32819	34339	36333	36766	36844	19602	24181	29994	33877	34072
Rivne	20818	21900	22984	23725	23912	14317	16695	19602	22345	22724
Sumy	25775	26967	26948	27649	27671	15481	19146	21777	25401	25635
Ternopil	20726	21783	23490	24435	24619	15705	17965	21042	23589	23885
Kharkiv	53839	57454	59898	61573	62354	21237	30745	43930	54855	56206
Kherson	21940	23111	24436	24296	24599	11031	14233	19475	22823	23187
Khmelnyskiy	28867	30377	31708	32306	32564	21048	24120	27407	30726	30971
Cherkasy	30808	32316	33600	34259	34014	21490	24822	28815	32184	32463
Chernivtsi	16462	17852	18788	19572	19773	11639	14330	16674	18767	19073
Chernihiv	26324	27068	28045	29531	29385	18707	20786	23352	27099	27393
<b>cities</b>										
Kyiv	43630	47887	48857	55835	57034	1962	12590	26208	46255	48621
Sevastopol	5577	7613	6954	7824	7872	557	2778	3924	6447	6841

HOUSING CONDITIONS OF THE POPULATION

**by region**

*(thsd. sq. m of total size)*

Urban housing stock					Including private housing stock				
1990	1995	2000	2006	2007	1990	1995	2000	2006	2007
<b>574331</b>	<b>616568</b>	<b>643229</b>	<b>671333</b>	<b>677607</b>	<b>178592</b>	<b>299348</b>	<b>437544</b>	<b>574836</b>	<b>592418</b>
20718	24849	25143	26394	26818	4229	12846	16190	21671	22197
13364	14234	15420	15880	15886	6054	8500	11136	13805	13868
7837	8549	8872	9603	9726	2497	4257	5910	8318	8644
55259	62064	63166	63494	63616	15514	28961	42563	53223	54709
85467	85443	88251	89768	90091	27838	44312	60083	74401	76686
12927	14574	15684	16221	16295	5653	8389	10919	14391	14804
8128	8305	8571	9317	9491	3999	5342	6768	8585	8868
26232	27286	28325	29247	29492	7497	11930	17632	25135	26102
9620	10244	11096	11918	12154	3323	5518	8285	10702	11086
18556	21741	24031	25501	26114	8966	12349	18299	22659	23461
12570	13535	13817	13954	14027	5725	8377	10521	12654	12962
45225	46396	46870	47265	47381	16368	27224	32662	39541	40818
24364	25787	27721	28562	28683	5067	9389	19214	24341	24958
14257	14004	16607	16902	16947	5062	6906	12497	14495	14873
26252	28591	28784	31567	32597	7071	11620	17966	26077	27102
16415	17786	19486	19906	19964	5644	9014	14194	17447	17697
8696	9144	9769	10093	10158	2928	4465	6768	8885	9133
14377	15673	15870	16832	16897	5719	8679	11254	14753	15030
7447	7912	9064	9723	9823	2796	4324	6761	8948	9152
40968	44342	46267	47987	48786	11761	19667	31647	41842	43213
13055	13840	14679	14820	15103	4976	6232	10399	13754	14074
11053	12303	13589	14366	14627	3925	6534	9651	12911	13190
13817	15068	15709	16300	16086	5938	8410	11518	14437	14749
6314	6742	7013	7450	7521	1758	3426	5061	6722	6899
12206	13101	13928	14911	14733	5765	7552	9779	12710	12965
43630	47887	48857	55835	57034	1962	12590	26208	46255	48621
5577	7168	6640	7517	7557	557	2535	3659	6174	6557

## HOUSING CONDITIONS OF THE POPULATION

**19.9. 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
<b>Ukraine</b>	<b>17,8</b>	<b>16,5</b>	<b>20,6</b>	<b>19,2</b>	<b>17,8</b>	<b>21,9</b>	<b>20,7</b>	<b>19,3</b>	<b>23,5</b>
Autonomous Republic of Crimea	14,8	15,2	14,0	16,9	18,3	14,6	18,0	19,6	15,5
<b>oblasts</b>									
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
<b>cities</b>									
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			2006			2007		
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	22,2	20,9	25,0	22,5	21,2	25,4
18,7	20,2	16,3	19,0	20,5	16,5	19,4	21,0	16,7	19,8	21,4	17,1
25,1	19,2	30,3	25,4	19,3	30,8	25,6	19,4	31,3	25,9	19,4	32,0
19,2	17,4	21,0	19,5	17,7	21,4	19,7	17,9	21,6	19,9	18,1	21,9
22,3	21,7	25,4	22,5	21,8	25,8	22,6	21,8	26,1	22,8	22,0	26,4
21,3	21,2	22,7	21,5	21,4	23,2	21,8	21,5	23,7	22,0	21,8	24,1
23,9	21,1	27,6	23,3	21,2	26,0	23,6	21,4	26,4	23,8	21,5	26,8
20,8	19,6	21,6	21,1	20,0	21,8	21,4	20,2	22,1	21,8	20,6	22,6
21,1	20,1	24,4	21,4	20,4	24,6	21,5	20,4	25,0	21,8	20,7	25,4
21,3	19,6	22,6	21,6	19,8	22,9	22,0	20,2	23,3	22,3	20,5	23,6
27,1	23,2	32,6	27,7	23,6	33,7	28,4	24,0	34,9	29,3	24,6	36,3
22,9	21,1	25,8	23,2	21,4	26,0	23,5	21,7	26,3	23,8	22,0	26,5
22,1	21,9	23,3	23,2	23,1	23,7	22,8	22,6	24,2	23,1	22,8	24,5
19,6	18,0	22,0	19,8	18,1	22,4	20,1	18,4	22,7	20,3	18,5	23,2
20,9	20,1	22,4	21,2	20,5	22,6	21,2	20,5	22,6	21,3	20,6	22,8
21,1	19,8	23,5	21,0	19,7	23,5	21,1	19,8	23,7	21,6	20,4	23,9
23,3	21,3	26,3	23,4	21,1	26,8	23,7	21,4	27,2	24,0	21,6	27,7
20,0	17,9	21,8	20,1	17,9	22,0	20,4	18,3	22,3	20,6	18,4	22,6
21,6	19,9	24,9	22,0	20,2	25,3	22,3	20,5	25,8	22,6	20,7	26,2
21,5	19,9	22,6	21,7	20,1	22,9	22,1	20,4	23,3	22,4	20,7	23,6
21,5	21,2	22,7	21,6	21,2	22,9	21,7	21,2	23,3	22,1	21,7	23,6
21,1	21,2	21,1	21,4	21,6	21,2	21,5	21,4	21,6	22,0	22,0	21,9
23,0	19,3	27,0	23,4	19,6	27,5	23,6	19,7	28,0	24,0	20,1	28,4
24,7	21,3	28,8	25,3	21,7	29,6	25,6	22,0	30,1	25,7	21,8	30,5
21,2	19,8	22,1	21,3	19,8	22,4	21,5	19,9	22,7	21,8	20,0	23,0
24,1	20,3	29,6	24,0	20,5	29,2	24,2	20,9	29,3	24,4	20,7	30,2
20,0	20,0	—	20,2	20,2	—	20,3	20,3	—	20,5	20,5	—
19,1	19,4	13,8	19,4	19,8	13,7	20,1	20,5	13,5	20,2	20,6	13,6

## 20. EDUCATION

This section contains statistics on permanent preschools, general educational schools, 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 establishments 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
Total institutions, thsd.	24,5	21,4	16,3	15,7	15,3	15,0	14,9	15,1	15,1	15,3 <sup>1</sup>
in urban areas	11,9	10,5	7,4	7,1	6,9	6,7	6,7	6,7	6,6	6,6
in rural areas	12,6	10,9	8,9	8,6	8,4	8,3	8,2	8,4	8,5	8,7
Enrollment capacity of the institutions, thsd. places	2277	2014	1117	1077	1060	1053	1040	1056	1063	1084 <sup>2</sup>
in urban areas	1662	1463	832	808	790	782	767	773	780	789
in rural areas	615	551	285	269	270	271	273	283	283	295
Total children at the institutions, thsd.	2428	1536	983	968	973	977	996	1032	1081	1137
in urban areas	1877	1222	824	811	809	807	820	840	877	916
in rural areas	551	314	159	157	164	170	176	192	204	221
Coverage of children by institutions, percentage of total children of the specified age	57	44	40	41	48	49	50	51	53	56
in urban areas	64	53	52	55	65	65	65	64	66	69
in rural areas	43	28	18	17	21	22	24	27	29	31
Children at the institutions per 100 places	107	76	88	90	92	93	96	98	102	105
in urban areas	113	84	99	100	102	103	107	109	112	116
in rural areas	90	57	56	58	61	63	65	68	72	75

<sup>1</sup> Of them 1,4 thsd. of non-functioning institutions. A third of the mentioned establishments (38 %) has not been fit for training or undergone major repair, others (62 %) were not functioning due to absence of children, lack of fuel, electric energy, funds, etc. 45 % of establishments did not work for 6–10 years while 18 % were idle for more than 10 years

<sup>2</sup> Excluding places at preschool 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	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>24525</b>	<b>21359</b>	<b>16347</b>	<b>15058</b>	<b>15080</b>	<b>15305</b>	<b>2428,3</b>	<b>1535,6</b>	<b>983,0</b>	<b>1031,7</b>	<b>1081,0</b>	<b>1137,5</b>
Autonomous Republic of Crimea	1062	865	684	613	605	605	148,4	74,5	36,3	40,3	42,4	45,8
<b>oblasts</b>												
Vinnitsya	1127	983	695	644	652	678	83,6	55,7	37,8	39,0	41,0	43,1
Volyn	495	468	305	355	390	407	43,1	30,4	17,0	23,1	25,6	27,7
Dnipropetrovsk	1737	1579	1115	954	955	951	207,5	137,2	81,3	82,3	86,4	89,6
Donetsk	2337	2040	1402	1155	1151	1139	267,2	164,4	107,0	105,7	108,0	112,7
Zhytomyr	830	595	482	575	584	599	61,6	39,9	28,4	29,8	31,6	33,3
Zakarpattia	668	613	505	506	518	521	51,0	31,4	20,1	26,9	29,0	30,5
Zaporizhzhya	991	851	655	544	526	522	114,0	69,9	44,2	44,4	46,1	47,8
Ivano-Frankivsk	438	363	285	283	293	308	39,9	25,9	17,5	20,0	21,5	23,4
Kyiv	957	887	776	710	703	702	91,7	61,5	44,5	44,9	47,1	49,3
Kirovohrad	833	696	566	505	525	526	67,5	40,8	23,5	24,0	24,9	25,6
Luhansk	1200	1012	644	576	575	576	131,2	71,7	41,4	42,8	44,3	46,0
Lviv	858	679	483	478	487	512	83,7	47,4	34,9	40,8	44,4	48,0
Mykolayiv	871	785	541	517	530	538	76,5	49,1	28,9	29,3	30,7	32,5
Odesa	1263	1094	735	743	746	743	128,8	74,6	45,4	51,7	55,0	59,5
Poltava	1080	979	747	599	587	590	80,0	56,8	36,3	34,3	35,6	36,4
Rivne	487	364	263	265	284	315	43,1	28,9	18,2	22,3	24,7	26,9
Sumy	780	684	590	415	414	454	71,2	41,9	29,9	28,5	29,0	31,0
Ternopil	676	553	474	499	448	478	40,5	26,7	19,1	21,6	22,0	23,5
Kharkiv	1349	1227	742	612	614	624	150,9	95,8	55,1	55,4	57,7	60,9
Kherson	779	670	561	487	487	488	76,3	42,4	26,6	27,1	29,3	30,2
Khmelnyskiy	864	767	757	806	802	808	66,3	46,5	34,1	36,6	37,6	39,0
Cherkasy	902	885	791	691	683	687	80,4	57,0	36,1	35,8	36,1	37,4
Chernivtsi	368	312	252	309	316	328	34,9	20,0	15,3	21,2	22,2	23,7
Chernihiv	763	550	520	461	450	446	56,3	34,7	21,9	22,7	23,3	23,9
<b>cities</b>												
Kyiv	805	742	687	671	670	675	132,0	95,0	72,2	70,6	74,4	78,2
Sevastopol	...	116	90	85	85	85	...	15,5	10,0	10,6	11,1	11,6



# 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		
									total	in urban areas	in rural areas
<b>Ukraine</b>	<b>57</b>	<b>44</b>	<b>40</b>	<b>48</b>	<b>49</b>	<b>50</b>	<b>51</b>	<b>53</b>	<b>56</b>	<b>69</b>	<b>31</b>
Autonomous Republic of Crimea	68	50	37	45	45	46	48	50	54	71	29
<b>oblasts</b>											
Vinnitsya	58	43	38	46	47	49	51	53	56	76	37
Volyn	44	34	24	31	34	36	38	42	45	66	27
Dnipropetrovsk	65	55	48	60	59	58	58	60	63	69	34
Donetsk	63	54	53	61	60	61	62	63	66	69	40
Zhytomyr	52	38	35	40	41	43	47	49	52	74	24
Zakarpattia	43	29	25	32	34	35	37	40	41	59	31
Zaporizhzhya	66	51	49	60	60	60	59	60	62	74	28
Ivano-Frankivsk	31	22	20	23	25	27	28	30	32	58	15
Kyiv	57	48	48	57	57	58	59	61	64	75	45
Kirovohrad	68	47	39	50	50	51	53	55	56	73	33
Luhansk	59	42	39	49	49	50	51	52	54	59	22
Lviv	35	23	23	28	30	32	33	36	39	57	13
Mykolayiv	66	51	43	55	55	54	55	57	60	71	42
Odesa	60	43	37	44	45	47	49	51	55	67	37
Poltava	61	50	45	54	54	55	56	58	60	77	33
Rivne	40	29	23	27	28	30	32	35	39	69	18
Sumy	66	48	49	54	56	59	60	62	66	77	44
Ternopil	43	31	29	34	38	40	41	41	44	67	27
Kharkiv	62	52	46	54	52	53	53	54	57	66	25
Kherson	70	45	40	51	51	53	52	57	59	72	41
Khmelnyskiy	57	44	43	53	56	58	59	60	62	76	46
Cherkasy	68	56	49	59	59	62	65	67	69	82	52
Chernivtsi	43	27	26	36	37	40	45	47	51	78	35
Chernihiv	57	44	39	47	48	48	50	52	54	72	22
<b>cities</b>											
Kyiv	60	58	63	76	71	66	65	64	67	67	—
Sevastopol	...	59	63	79	74	71	68	67	70	72	50

# EDUCATION

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

(percent)

	Language of instruction											
	Ukrainian						Russian					
	1995	2000	2004	2005	2006	2007	1995	2000	2004	2005	2006	2007
<b>Ukraine</b>	<b>66,0</b>	<b>78,0</b>	<b>83,1</b>	<b>84,2</b>	<b>84,6</b>	<b>85,0</b>	<b>33,0</b>	<b>21,6</b>	<b>16,3</b>	<b>15,2</b>	<b>14,8</b>	<b>14,4</b>
Autonomous Republic of Crimea	0,2	2,8	3,6	3,6	3,7	3,7	99,3	96,3	95,4	95,3	95,2	95,4
<b>oblasts</b>												
Vinnitsya	99,9	100,0	100,0	99,9	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	88,6	89,2	89,0	89,7	23,0	15,5	11,4	10,8	11,0	10,3
Donetsk	10,0	34,5	60,6	65,9	68,4	70,6	90,0	65,5	39,4	34,1	31,6	29,4
Zhytomyr	98,0	99,8	100,0	100,0	100,0	100,0	2,0	0,2	—	—	—	—
Zakarpattia	89,0	90,2	88,3	88,6	88,9	88,8	1,0	0,6	0,6	0,5	0,5	0,5
Zaporizhzhya	36,0	62,9	76,1	77,4	78,7	79,9	64,0	37,1	23,9	22,6	21,3	20,1
Ivano-Frankivsk	99,8	100,0	100,0	100,0	100,0	100,0	0,2	—	—	—	—	—
Kyiv	97,0	99,6	99,9	99,9	99,9	99,9	3,0	0,4	0,1	0,1	0,1	0,1
Kirovohrad	96,0	98,2	98,7	99,2	99,2	99,2	4,0	1,8	1,3	0,8	0,8	0,8
Luhansk	14,0	19,7	33,3	35,6	34,8	36,1	86,0	80,3	66,7	64,4	65,2	63,9
Lviv	99,6	99,7	99,8	99,9	99,8	99,8	0,3	—	—	—	—	—
Mykolayiv	71,0	90,4	96,1	96,2	96,4	96,5	29,0	9,6	3,9	3,8	3,6	3,5
Odesa	33,0	62,9	69,2	72,9	74,6	74,6	66,0	35,4	29,1	25,5	23,7	23,7
Poltava	98,0	98,3	98,4	99,1	98,5	98,7	2,0	1,7	1,6	0,9	1,5	1,3
Rivne	99,6	99,9	100,0	100,0	100,0	100,0	0,4	0,1	—	—	—	—
Sumy	87,0	97,7	97,5	97,5	97,8	98,0	13,0	2,3	2,5	2,5	2,2	2,0
Ternopil	100,0	100,0	100,0	100,0	100,0	100,0	—	—	—	—	—	—
Kharkiv	48,0	82,7	87,7	88,7	88,9	88,4	52,0	17,3	12,3	11,3	11,1	11,6
Kherson	82,0	83,2	84,9	86,3	86,3	86,6	18,0	16,8	15,1	13,7	13,7	13,4
Khmelnyskiy	99,0	99,9	99,9	99,9	99,9	99,9	1,0	0,1	0,1	0,0	0,1	0,1
Cherkasy	99,6	99,9	99,9	99,9	100,0	100,0	0,4	0,1	0,1	0,1	—	—
Chernivtsi	92,0	93,6	92,0	91,3	91,5	91,5	0,5	0,2	0,1	—	—	—
Chernihiv	92,0	99,5	100,0	99,9	99,9	99,9	8,0	0,5	—	0,1	0,1	0,1
<b>cities</b>												
Kyiv	99,0	99,9	100,0	99,9	99,9	99,9	1,0	0,1	—	0,1	0,0	—
Sevastopol	1,0	1,6	1,6	2,0	2,4	3,3	99,0	98,4	98,4	98,0	97,6	96,7

At the end of 2007, 6,9 thsd. children in multi-national regions were taught in Hungarian, Moldavian, Romanian, Crimean Tatar, and other languages.

# EDUCATION

## 20.5. Secondary educational institutions and institutions of higher education for 1914–2007 (beginning of academic year)

	Secondary educational institutions		Institutions of higher education			
	total	pupils, thsd.	1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation		3 <sup>rd</sup> and 4 <sup>th</sup> 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

## 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
<b>Total</b>	<b>9430</b>	<b>9239</b>	<b>9220</b>	<b>9122</b>	<b>8974</b>	<b>8813</b>	<b>8605</b>	<b>8381</b>	<b>8124</b>
Secondary schools	7132	7143	6764	6350	6044	5731	5399	5120	4857
day	6939	7007	6647	6237	5936	5626	5301	5026	4768
night (part-time), including distance learning	193	136	117	113	108	105	98	94	89
Vocational schools	660	555	525	502	493	507	497	474	454
Institutions of higher education									
1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation	757	618	528	583	593	548	505	468	441
3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation	881	923	1403	1687	1844	2027	2204	2319	2372
<b>Per 10 thsd. population</b>									
Secondary schools	1373	1391	1372	1323	1269	1212	1151	1098	1047
Vocational schools	127	108	107	105	104	107	106	102	98
Institutions of higher education									
1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation	146	120	107	121	125	116	108	100	95
3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation	170	180	285	352	387	429	470	497	511

At the beginning of the 2007/08 academic year, 24 thsd. pupils were trained in 245 private secondary schools, 433 thsd. students were trained in 202 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
Institutions	21,8	22,3	22,2	22,2	22,1	21,9	21,7	21,6	21,4	21,2
Pupils	7132	7143	6764	6601	6350	6044	5731	5399	5120	4857
including grades 10–12 (10–16)	940	821	1049	1063	1072	1060	1026	975	920	851
Total teachers	537	596	577	568	561	551	547	543	537	531

In 2007, 45 thsd. pupils attended the 1<sup>st</sup> 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	1990/91	1995/96	2000/01	2005/06	2006/07	2007/08
<b>Ukraine</b>	<b>21825</b>	<b>22255</b>	<b>22210</b>	<b>21589</b>	<b>21417</b>	<b>21214</b>	<b>7132</b>	<b>7143</b>	<b>6764</b>	<b>5399</b>	<b>5120</b>	<b>4857</b>
Autonomous Republic of Crimea	583	625	645	632	629	626	314	329	295	223	210	198
<b>oblasts</b>												
Vinnitsya	1120	1116	1072	1040	1035	1025	246	248	245	205	195	184
Volyn	845	866	832	816	806	802	168	170	167	147	142	137
Dnipropetrovsk	1079	1098	1113	1094	1086	1074	523	522	492	378	355	336
Donetsk	1281	1325	1318	1235	1226	1210	666	665	588	432	405	382
Zhytomyr	980	967	950	903	891	874	217	211	208	173	165	157
Zakarpattia	716	734	722	716	712	714	216	210	208	182	176	170
Zaporizhzhya	664	690	698	677	673	668	284	285	269	203	192	181
Ivano-Frankivsk	731	762	772	772	772	770	218	222	222	191	184	175
Kyiv	820	821	813	809	806	800	267	270	263	214	204	192
Kirovohrad	642	647	631	617	605	603	162	164	159	125	118	111
Luhansk	833	851	843	793	780	764	377	376	325	234	216	203
Lviv	1353	1457	1479	1487	1482	1480	389	395	390	328	314	297
Mykolayiv	693	684	672	651	642	634	206	203	187	147	139	132
Odesa	951	944	975	975	972	969	364	355	344	283	271	258
Poltava	1037	1009	962	870	853	834	224	228	222	178	168	158
Rivne	766	791	796	750	752	729	188	193	192	171	166	161
Sumy	717	712	704	658	655	646	185	184	172	130	122	114
Ternopil	878	913	925	920	909	904	169	169	170	145	138	133
Kharkiv	1007	1015	1007	984	974	966	408	405	373	285	269	255
Kherson	582	588	581	575	574	570	195	195	182	143	135	127
Khmelnyskiy	1062	1099	1103	1075	1063	1054	210	217	212	177	168	160
Cherkasy	716	724	719	699	701	699	202	205	199	158	149	140
Chernivtsi	453	455	462	454	453	455	143	138	138	121	116	111
Chernihiv	909	891	843	778	758	735	179	177	166	129	121	114
<b>cities</b>												
Kyiv	341	398	497	534	534	535	357	350	327	261	249	239
Sevastopol	66	73	76	75	74	74	55	57	49	36	33	32

EDUCATION

**20.9. Secondary educational institutions at the beginning of 2007/08, by region**

	Total institu- tions	In which		By type of ownership					
		pupils	teachers	public <sup>1</sup>	in which		private	in which	
					pupils <sup>2</sup>	teachers		pupils	teachers
<b>Ukraine</b>	<b>21214</b>	<b>4857397</b>	<b>530597</b>	<b>20969</b>	<b>4833741</b>	<b>525197</b>	<b>245</b>	<b>23656</b>	<b>5400</b>
Autonomous Republic of Crimea	626	198213	19277	608	196503	18974	18	1710	303
<b>oblasts</b>									
Vinnitsya	1025	184036	22605	1021	183639	22493	4	397	112
Volyn	802	137207	16822	801	137207	16822	1	—	—
Dnipropetrovsk	1074	336297	29519	1056	335047	29137	18	1250	382
Donetsk	1210	382263	35972	1190	380805	35583	20	1458	389
Zhytomyr	874	157133	19031	868	156620	18904	6	513	127
Zakarpattia	714	170327	18345	709	169937	18273	5	390	72
Zaporizhzhya	668	180960	18755	658	180390	18594	10	570	161
Ivano-Frankivsk	770	175428	21519	768	175073	21464	2	355	55
Kyiv	800	192402	20684	795	191983	20591	5	419	93
Kirovohrad	603	110916	13191	600	110839	13143	3	77	48
Luhansk	764	202810	19735	757	202391	19607	7	419	128
Lviv	1480	297240	36783	1464	295691	36394	16	1549	389
Mykolayiv	634	131501	13107	631	131265	13047	3	236	60
Odesa	969	258075	26566	938	253229	25660	31	4846	906
Poltava	834	158255	18049	827	157679	17894	7	576	155
Rivne	729	160488	18908	729	160488	18908	—	—	—
Sumy	646	114254	13791	642	114084	13740	4	170	51
Ternopil	904	133228	18461	903	133208	18444	1	20	17
Kharkiv	966	254609	26087	945	251796	25579	21	2813	508
Kherson	570	126944	13383	566	126525	13283	4	419	100
Khmelnyskiy	1054	159942	20698	1051	159641	20616	3	301	82
Cherkasy	699	139575	17012	694	139304	16918	5	271	94
Chernivtsi	455	110990	11868	453	110886	11853	2	104	15
Chernihiv	735	113935	15005	734	113902	14982	1	33	23
<b>cities</b>									
Kyiv	535	238760	22210	491	234332	21164	44	4428	1046
Sevastopol	74	31609	3214	70	31277	3130	4	332	84

<sup>1</sup> Institutions of public and communal type of ownership

<sup>2</sup> 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 2007/08,  
by region**

	Gram- mar school	In which		Lycees	In which		Colle- giums	In which		Educa- tional training comple- xes	In which	
		pupils <sup>1</sup>	teachers		pupils <sup>1</sup>	teachers		pupils <sup>1</sup>	teachers		pupils	teachers
<b>Ukraine</b>	<b>560</b>	<b>292806</b>	<b>28397</b>	<b>386</b>	<b>155031</b>	<b>16482</b>	<b>42</b>	<b>25262</b>	<b>2369</b>	<b>2119</b>	<b>412597</b>	<b>47445</b>
Autonomous Republic of Crimea	5	3692	299	3	280	55	—	—	—	91	36687	3452
<b>oblasts</b>												
Vinnitsya	3	1944	158	4	854	138	—	—	—	81	20600	2206
Volyn	19	13272	1330	15	9046	833	3	1889	196	42	8986	1027
Dnipro- petrovsk	16	9261	792	29	10018	1058	2	1505	125	80	23144	2060
Donetsk	33	15274	1430	35	16117	1505	2	1033	98	81	26892	2476
Zhytomyr	22	13817	1322	7	4457	366	3	2123	189	45	9627	1059
Zakarpattia	13	5348	571	13	2349	299	—	—	—	35	4568	473
Zaporizhzhya	34	19404	1764	16	6716	760	5	3170	274	102	29441	3053
Ivano- Frankivsk	14	4640	550	8	2776	366	—	—	—	55	8375	1047
Kyiv	16	7654	769	14	2740	424	—	—	—	195	23654	3564
Kirovohrad	8	3030	296	2	547	81	—	—	—	41	15142	1555
Luhansk	49	22986	2020	12	4829	521	—	—	—	36	12881	1281
Lviv	26	10510	1244	14	3991	459	—	—	—	55	17159	1877
Mykolayiv	17	5579	565	6	1553	165	1	1203	101	31	3456	385
Odesa	11	5882	555	11	3116	367	—	—	—	165	50921	5262
Poltava	29	20863	1822	11	5251	500	2	1002	101	43	7145	821
Rivne	11	4662	511	11	2134	351	2	1325	115	64	22788	2479
Sumy	9	3684	385	—	—	—	—	—	—	143	10727	2013
Ternopil	15	5300	667	9	2356	340	2	150	36	57	3639	586
Kharkiv	50	31647	2702	55	25726	2383	5	3233	305	67	13855	1626
Kherson	13	6971	650	8	3106	416	—	—	—	42	6524	698
Khmelnyskiy	29	15860	1697	32	18469	1761	13	6600	671	155	14372	2309
Cherkasy	10	6647	636	11	1509	238	1	922	63	225	21371	3608
Chernivtsi	24	9093	1062	10	3529	415	—	—	—	43	6762	848
Chernihiv	25	12660	1277	9	4709	536	1	1107	95	44	3088	533
<b>cities</b>												
Kyiv	52	28410	2870	40	18512	2097	—	—	—	98	10601	1120
Sevastopol	7	4716	453	1	341	48	—	—	—	3	192	27

<sup>1</sup> 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
<b>Total institutions</b>	<b>21310</b>	<b>21903</b>	<b>21965</b>	<b>21954</b>	<b>21855</b>	<b>21669</b>	<b>21484</b>	<b>21357</b>	<b>21184</b>	<b>20984<sup>1</sup></b>
level 1 <sup>st</sup>	3178	3254	3144	3116	3046	2967	2855	2777	2673	2553
levels 1 <sup>st</sup> and 2 <sup>nd</sup>	7403	6639	6262	6191	6063	5903	5812	5754	5675	5600
levels 1 <sup>st</sup> –3 <sup>rd</sup>	10318	11612	12157	12243	12334	12390	12408	12418	12431	12432 <sup>1</sup>
special schools (boarding schools) and social rehabilitation schools	411	398	402	404	412	409	409	408	405	399
<b>Total pupils at the institutions, thsd.</b>	<b>6939</b>	<b>7007</b>	<b>6647</b>	<b>6486</b>	<b>6237</b>	<b>5936</b>	<b>5626</b>	<b>5301</b>	<b>5026</b>	<b>4768<sup>1</sup></b>
level 1 <sup>st</sup>	67	96	107	110	108	108	108	101	93	89
levels 1 <sup>st</sup> and 2 <sup>nd</sup>	966	837	707	673	625	578	545	497	463	430
levels 1 <sup>st</sup> –3 <sup>rd</sup>	5821	6005	5764	5635	5436	5185	4910	4642	4410	4183 <sup>1</sup>
special schools (boarding schools) and social rehabilitation schools	85	69	69	68	68	65	63	61	60	66
<b>Total teachers, thsd.</b>	<b>532</b>	<b>591</b>	<b>572</b>	<b>564</b>	<b>556</b>	<b>547</b>	<b>542</b>	<b>539</b>	<b>533</b>	<b>526</b>

<sup>1</sup> At the beginning of the 2006/07 academic year, the total for institutions includes 84 educational institutions of levels 2<sup>nd</sup> and 3<sup>rd</sup> with attendance of 23 thsd. pupils; at the beginning of the 2007/08 academic year, 85 and 20 thsd. accordingly

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

*(beginning of academic year)*

	Total institutions				Total pupils <sup>2</sup>			
	with one shift		with two shifts <sup>3</sup>		attending the 1 <sup>st</sup> shift		attending the 2 <sup>nd</sup> shift <sup>3</sup>	
	total	percentage of total institutions	total	percentage of total institutions	thousand	percentage of total pupils	thousand	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

<sup>1</sup> Excluding special schools (boarding schools), sanatorium schools and schools undergoing major repair

<sup>2</sup> Excluding pupils of grade 1<sup>st</sup> at pre-schools and special schools (boarding schools)

<sup>3</sup> Before the 2001/02 academic year, with two and three shifts



# EDUCATION

## 20.13. Pupils of secondary educational institutions, by language of instruction and region<sup>1</sup> (beginning of academic year; percent)

	Language of instruction									
	Ukrainian					Russian				
	1995/96	2000/01	2005/06	2006/07	2007/08	1995/96	2000/01	2005/06	2006/07	2007/08
<b>Ukraine</b>	<b>58</b>	<b>70</b>	<b>78</b>	<b>79</b>	<b>80</b>	<b>41</b>	<b>29</b>	<b>21</b>	<b>20</b>	<b>19</b>
Autonomous Republic of Crimea	0,1	0,9	5	5	6	99,5	97	93	92	91
<b>oblasts</b>										
Vinnitsya	91	98	99	99	99	9	2	1	1	1
Volyn	98	99	99,7	99,7	99,8	2	1	0,3	0,3	0,2
Dnipropetrovsk	46	68	78	79	80	54	32	22	21	20
Donetsk	6	14	29	33	36	94	86	71	67	64
Zhytomyr	86	96	99	99	99	14	4	1	1	1
Zakarpattia	84	86	86	86	86	4	2	1	1	1
Zaporizhzhya	31	45	60	63	65	69	55	40	37	35
Ivano-Frankivsk	98	99	99,7	99,7	99,6	2	1	0,2	0,2	0,3
Kyiv	92	97	99	99	99	8	3	1	1	1
Kirovohrad	75	89	96	96	97	25	11	4	4	3
Luhansk	9	17	34	37	40	91	83	66	63	60
Lviv	96	98	99	99	99	4	2	1	1	1
Mykolayiv	56	74	87	89	90	44	26	13	11	10
Odesa	32	47	65	68	69	66	51	33	30	29
Poltava	83	93	97	97	97	17	7	3	3	3
Rivne	99	99,7	99,9	99,95	99,96	1	0,3	0,1	0,05	0,04
Sumy	63	83	93	94	95	37	17	7	6	5
Ternopil	99	99,7	99,8	99,9	99,9	1	0,3	0,2	0,1	0,1
Kharkiv	37	55	71	73	74	63	45	29	27	26
Kherson	60	76	83	83	84	40	24	17	17	16
Khmelnyskiy	92	98	99,3	99,4	99,5	8	2	0,4	0,4	0,3
Cherkasy	86	96	98	99	99	14	4	2	1	1
Chernivtsi	78	81	81	81	82	5	2	0,7	0,6	0,5
Chernihiv	81	94	99	99	99	19	6	1	1	1
<b>cities</b>										
Kyiv	70	93	96	97	97	30	7	4	3	3
Sevastopol	0,0	2	2	2	2	99,98	98	98	98	98

<sup>1</sup> 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 2007/08 school year, 22,8 thsd. children were taught in Romanian, 17,8 thsd. in Hungarian, 5,2 thsd. in Moldovian, 5,9 thsd. in Crimean Tatar, 1,4 thsd. in Polish, 0,4 thsd. in English, 0,07 thsd. in Slovakian and 0,09 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
Total institutions	515	352	245	232	233	230
Total pupils (including distance learning) <sup>1</sup> , thsd.	193	136	117	98	94	89
of which grades 10–12 (10–16)	186	120	99	87	84	80

<sup>1</sup> 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 <sup>nd</sup> level schools (incomplete secondary education)			Finished 3 <sup>rd</sup> 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

From year to year the percentage of pupils in the 9<sup>th</sup> grade, who decide to obtain complete secondary education grows. In 2007, 66,8 % of graduates joined the 10<sup>th</sup> grade at day secondary educational schools, 3,3 % were admitted to part-time evening shift schools, 15,5 % entered vocational schools, and 13,9 % were enrolled to institutions of higher learning.

### 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 <sup>1</sup>	454,4	299,2	285,1
Vocational training in 2007				
of pupils with complete secondary education	×	118,8	100,5	93,4
of pupils obtaining qualification along with complete secondary education	×	282,3	102,1	97,9
of pupils obtaining qualification without complete secondary education	×	25,8	16,4	16,7
of pupils involved in vocational training				
not working population	×	12,1	33,1	32,6
enterprise workers	×	13,6	32,6	30,8
of pupils involved in upgrading				
not working population	×	1,1	7,1	6,5
enterprise workers	×	0,7	7,4	7,2

<sup>1</sup> In addition to 1017 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
<b>Ukraine</b>	<b>277,3</b>	<b>266,8</b>	<b>278,8</b>	<b>282,4</b>	<b>275,6</b>	<b>283,4</b>	<b>286,6</b>	<b>289,3</b>	<b>285,1</b>
Autonomous Republic of Crimea	9,1	8,7	9,7	9,9	10,1	9,9	10,0	9,9	10,2
<b>oblasts</b>									
Vinnitsya	10,5	10,9	12,0	12,9	12,4	13,1	14,5	13,9	14,2
Volyn	6,9	7,1	7,4	8,1	8,0	8,9	8,6	8,9	8,6
Dniepropetrovsk	23,1	20,0	22,0	22,1	22,6	23,1	24,5	25,7	25,6
Donetsk	27,8	28,4	30,8	31,0	30,4	30,8	29,7	30,2	28,3
Zhytomyr	7,9	7,1	7,6	7,3	7,0	6,7	6,9	6,7	7,1
Zakarpattia	5,5	5,1	5,5	5,4	5,7	5,6	5,4	5,5	5,1
Zaporizhya	11,7	13,0	13,9	13,8	14,4	14,5	15,3	15,0	14,0
Ivano-Frankivsk	7,0	5,4	5,7	6,6	6,4	7,2	6,8	6,9	6,6
Kyiv	8,4	9,0	9,9	10,6	10,3	9,9	9,9	9,4	9,6
Kirovohrad	8,1	7,6	8,4	8,7	8,3	8,3	7,9	7,1	6,9
Luhansk	17,9	18,7	18,1	18,1	17,2	17,6	17,1	16,6	17,8
Lviv	20,0	19,3	19,1	18,6	17,8	18,9	19,5	19,5	20,1
Mykolayiv	7,8	8,1	8,1	8,6	8,5	8,7	8,5	8,9	8,6
Odesa	12,0	9,2	9,4	9,0	9,1	9,9	10,0	10,1	10,4
Poltava	10,5	10,6	10,9	10,6	9,6	9,8	10,4	10,9	11,0
Rivne	6,5	5,8	5,5	5,1	5,4	6,4	6,6	6,6	7,1
Sumy	8,0	8,9	8,8	9,5	8,8	8,8	9,4	10,1	9,2
Ternopil	5,6	4,8	4,9	5,2	5,1	6,2	6,6	6,9	7,2
Kharkiv	15,7	15,5	15,9	15,5	14,9	15,1	15,8	14,8	12,4
Kherson	7,0	5,9	6,3	6,7	7,0	7,3	7,1	7,1	7,5
Khmelnyskiy	7,9	7,2	7,6	7,6	7,1	7,4	7,0	8,3	8,6
Cherkasy	7,5	6,2	6,0	6,2	6,2	5,9	5,8	5,9	6,1
Chernivtsi	4,8	3,9	4,4	4,7	4,4	4,1	4,7	4,8	4,7
Chernihiv	5,2	6,3	6,8	6,8	6,0	6,4	6,0	6,0	5,3
<b>cities</b>									
Kyiv	13,2	12,8	12,6	12,1	11,4	11,4	10,9	11,9	11,3
Sevastopol	1,7	1,3	1,5	1,7	1,5	1,5	1,7	1,7	1,6

## EDUCATION

### 20.18. Institutions of higher education

*(beginning of school year)*

	1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation					3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation				
	1990/91	1995/96	2000/01	2005/06	2007/08	1990/91	1995/96	2000/01	2005/06	2007/08
<b>Total institutions</b>	<b>742</b>	<b>782</b>	<b>664</b>	<b>606</b>	<b>553</b>	<b>149</b>	<b>255</b>	<b>315</b>	<b>345</b>	<b>351</b>
<b>Total students, thsd.</b>	<b>757,0</b>	<b>617,7</b>	<b>528,0</b>	<b>505,3</b>	<b>441,3</b>	<b>881,3</b>	<b>922,8</b>	<b>1402,9</b>	<b>2203,8</b>	<b>2372,5</b>
full-time	510,7	455,6	400,8	373,4	327,1	520,0	616,3	859,5	1233,8	1300,2
<b>Admitted, thsd.</b>	<b>241,0</b>	<b>188,8</b>	<b>190,1</b>	<b>169,2</b>	<b>142,5<sup>1</sup></b>	<b>174,5</b>	<b>206,8</b>	<b>346,4</b>	<b>503,0</b>	<b>491,2<sup>1</sup></b>
full-time	155,8	142,2	141,2	124,8	105,7	110,9	150,7	219,5	305,0	302,1
<b>Graduated, thsd.</b>	<b>228,7</b>	<b>191,2</b>	<b>148,6</b>	<b>142,7</b>	<b>134,3<sup>2</sup></b>	<b>136,9</b>	<b>147,9</b>	<b>273,6</b>	<b>372,4</b>	<b>468,4<sup>2</sup></b>
full-time	143,9	131,5	109,5	101,9	94,8	73,3	91,7	189,1	199,6	246,2

<sup>1</sup> 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)

<sup>2</sup> 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 1<sup>st</sup> and 2<sup>nd</sup> levels of accreditation accounted for 3,9 thsd. disabled, 4,1 thsd. orphans and uncared children (aged under 18), at the educational establishments of the 3<sup>rd</sup> and 4<sup>th</sup> levels of accreditation — 8,3 thsd. and 5,0 thsd. respectively.

32,6 thsd. foreign students study at institutions of higher education of all levels of accreditation.

In 2007, 63,6 thsd. masters, 280,5 thsd. specialists, 66,4 thsd. bachelors and 192,2 thsd. junior specialists graduated from institutions of higher learning of all levels of accreditation.

At the beginning of the 2007/08 academic year, institutions of higher education of all levels of accreditation employed 200,5 thsd. teachers, and research and educational staff; this includes 12,3 thsd. doctors and 63,5 thsd. candidates of science, 12,3 thsd. professors and 45,3 thsd. senior lecturers.

### 20.19. Competitive examinations to institutions of higher education

*(number of applications per 100 admitted students)*

	1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation						3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation					
	1995	2000	2004	2005	2006	2007	1995	2000	2004	2005	2006	2007
<b>All types of training</b>	<b>156</b>	<b>138</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>126</b>	<b>167</b>	<b>158</b>	<b>147</b>	<b>153</b>	<b>157</b>	<b>156</b>
full-time	160	143	133	135	135	131	168	174	163	169	176	172
part-time	161	133	128	129	118	119	151	134	118	134	123	117
distance learning	143	121	118	115	114	112	164	129	124	128	128	131

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 2007/08 this number amounted to 61 %.

At the beginning of the 2007/08 academic year, institutions of higher education of all levels of accreditation trained 32,6 thsd. foreign students: 4,7 (14,4 %) thsd. from China and the Russian Federation respectively, 2,2 (6,8 %) thsd. from the Jordan, 1,8 (5,5 %) thsd. from Syrian Arab Republic, India and Iran respectively.

EDUCATION

**20.20. Admission to institutions of higher education and training of specialists in 2007,  
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 education¹
		State budget		local budgets		
		total, persons	percentage of total number of the admitted	total, persons	percentage of total number of the admitted	
<b>Total</b>	<b>633746</b>	<b>235409</b>	<b>37</b>	<b>28036</b>	<b>4</b>	<b>602662</b>
By educational and qualification levels						
holder of a master’s degree	253	215	85	—	—	63571
specialist	16065	5965	37	3	0,02	280474
bachelor	413121	143661	35	4300	1	66373
junior specialist	204307	85568	42	23733	12	192244

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

**20.21. Institutions of higher education of the 1<sup>st</sup> and 2<sup>nd</sup> levels of accreditation, by region**  
(beginning of academic year)

	Total institutions					Enrollment, thsd.				
	1990/91	1995/96	2000/01	2005/06	2007/08	1990/91	1995/96	2000/01	2005/06	2007/08
<b>Ukraine</b>	<b>742</b>	<b>782</b>	<b>664</b>	<b>606</b>	<b>553</b>	<b>757,0</b>	<b>617,7</b>	<b>528,0</b>	<b>505,3</b>	<b>441,3</b>
Autonomous Republic of Crimea	25	33	26	22	20	21,7	19,8	14,1	11,2	10,2
<b>oblasts</b>										
Vinnitsya	28	29	26	20	19	27,8	24,0	22,8	17,8	18,1
Volyn	15	15	15	14	13	12,8	10,4	10,7	11,0	9,4
Dnipropetrovsk	72	75	43	35	35	79,1	64,7	37,0	32,6	29,4
Donetsk	83	82	68	63	62	88,0	65,7	51,1	56,8	52,9
Zhytomyr	21	22	20	20	18	20,4	17,0	17,5	22,7	19,5
Zakarpattia	15	16	15	14	14	11,4	10,5	8,2	7,0	7,3
Zaporizhzhya	27	29	23	23	25	29,8	22,2	18,4	18,9	18,6
Ivano-Frankivsk	18	20	25	22	20	15,8	15,1	19,4	18,3	17,3
Kyiv	16	16	18	20	18	16,9	15,0	12,8	11,3	10,2
Kirovohrad	18	19	18	17	15	16,2	11,8	11,2	12,3	10,8
Luhansk	40	43	30	33	29	40,0	33,4	25,0	28,0	21,4
Lviv	40	44	40	33	26	41,2	35,9	33,4	30,8	24,2
Mykolayiv	14	16	17	12	12	17,1	13,9	13,1	10,4	9,9
Odesa	35	36	32	23	20	38,9	30,1	27,6	24,8	19,5
Poltava	27	27	24	18	16	25,1	21,1	18,0	14,3	12,2
Rivne	15	17	11	11	11	13,1	12,2	12,8	11,0	11,0
Sumy	26	26	21	12	10	22,5	17,7	14,5	6,6	5,3
Ternopil	15	15	13	12	10	13,4	12,5	11,0	9,5	7,3
Kharkiv	49	50	39	38	37	55,6	42,8	31,2	29,3	28,8
Kherson	19	21	18	15	14	19,0	15,0	14,3	15,0	12,9
Khmelnyskiy	18	18	15	15	12	16,0	13,6	9,6	10,9	8,3
Cherkasy	20	22	20	21	12	19,6	17,4	16,2	17,8	11,4
Chernivtsi	18	18	16	16	13	14,2	12,5	13,6	13,6	11,0
Chernihiv	20	21	20	21	17	16,2	15,8	15,6	15,4	10,5
<b>cities</b>										
Kyiv	40	48	46	51	50	55,3	44,2	44,9	45,1	41,0
Sevastopol	4	4	5	5	5	3,3	3,4	4,0	2,9	2,9

EDUCATION

**20.22. Students in institutions of higher education of the 1<sup>st</sup> and 2<sup>nd</sup> levels of accreditation, by language of instruction and region**

(beginning of academic year; percent)

	Language of instruction											
	Ukrainian						Russian					
	1995/96	2000/01	2004/05	2005/06	2006/07	2007/08	1995/96	2000/01	2004/05	2005/06	2006/07	2007/08
<b>Ukraine</b>	<b>55</b>	<b>78</b>	<b>84</b>	<b>85</b>	<b>85</b>	<b>86</b>	<b>45</b>	<b>22</b>	<b>16</b>	<b>14</b>	<b>15</b>	<b>14</b>
Autonomous Republic of Crimea	—	—	3	3	3	3	100	100	97	97	97	97
<b>oblasts</b>												
Vinnitsya	97	99	100	100	100	100	3	1	—	—	—	0,0
Volyn	100	100	100	100	100	100	—	—	—	—	—	—
Dnipropetrovsk	28	74	93	93	94	96	72	26	7	7	6	4
Donetsk	3	24	21	35	38	41	97	76	79	65	62	59
Zhytomyr	90	100	100	100	100	100	10	—	—	—	—	—
Zakarpattia	96	97	98	99	92	98	1	—	—	—	6	0,2
Zaporizhzhya	24	69	82	80	90	93	76	31	18	20	10	7
Ivano-Frankivsk	100	100	100	100	100	100	—	—	—	—	—	—
Kyiv	96	100	98	100	100	100	4	—	2	—	—	—
Kirovohrad	92	99	100	100	100	100	8	1	—	—	—	—
Luhansk	8	43	68	68	63	65	92	57	32	32	37	35
Lviv	100	100	100	100	96	100	—	—	—	—	4	—
Mykolayiv	54	95	100	100	100	100	46	5	—	—	—	—
Odesa	30	58	73	87	84	87	70	42	27	13	16	13
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	85	92	92	93	63	31	15	8	8	7
Kherson	50	73	88	89	88	89	50	27	12	11	12	11
Khmelnyskiy	98	100	100	100	100	100	2	—	—	—	—	—
Cherkasy	98	99,9	97	100	100	100	2	0,1	3	—	0,0	—
Chernivtsi	95	99,5	99	99	99	99	4	—	—	—	—	—
Chernihiv	80	99	100	100	100	100	20	1	—	—	—	—
<b>cities</b>												
Kyiv	72	98	99	99	95	100	28	2	1	1	5	—
Sevastopol	—	—	—	—	—	—	100	100	100	100	100	100

As of the beginning of the 2007/08 academic year, 95 students studied in Hungarian in the Zakarpattia oblast and 85 students studied in Romanian in the Chernivtsi oblast.

EDUCATION

**20.23. Institutions of higher education of the 3<sup>rd</sup> and 4<sup>th</sup> levels of accreditation, by region**  
(beginning of academic year)

	Total institutions					Enrollment, thsd.				
	1990/91	1995/96	2000/01	2005/06	2007/08	1990/91	1995/96	2000/01	2005/06	2007/08
<b>Ukraine</b>	<b>149</b>	<b>255</b>	<b>315</b>	<b>345</b>	<b>351</b>	<b>881,3</b>	<b>922,8</b>	<b>1402,9</b>	<b>2203,8</b>	<b>2372,5</b>
Autonomous Republic of Crimea	3	11	14	13	14	15,5	24,1	42,4	53,3	60,8
<b>oblasts</b>										
Vinnitsya	3	5	5	5	5	19,4	19,4	25,6	39,8	40,9
Volyn	1	2	3	4	4	9,4	11,6	18,1	23,8	27,6
Dnipropetrovsk	12	16	20	22	24	77,4	70,4	107,0	156,3	163,9
Donetsk	10	21	26	27	27	61,5	76,4	120,4	160,3	161,7
Zhytomyr	2	5	5	5	5	9,5	10,6	20,1	28,5	30,4
Zakarpattia	1	1	4	5	6	8,0	8,5	14,5	20,1	21,7
Zaporizhzhya	7	12	12	12	12	33,8	36,5	51,5	83,4	95,2
Ivano-Frankivsk	3	3	6	9	9	14,3	12,6	24,5	42,2	43,9
Kyiv	1	2	3	5	6	6,0	7,4	18,5	28,9	31,1
Kirovohrad	3	6	6	6	7	11,8	12,2	17,7	20,8	22,2
Luhansk	5	7	7	9	9	32,6	30,0	52,3	86,4	97,6
Lviv	12	15	17	28	27	67,7	59,3	83,8	127,8	141,4
Mykolayiv	2	3	3	5	5	12,8	13,2	21,7	33,5	35,6
Odesa	15	19	20	22	22	77,5	73,0	88,4	119,5	130,5
Poltava	5	6	8	8	7	22,6	20,8	38,5	58,8	63,2
Rivne	3	3	5	6	6	15,7	15,5	22,9	42,9	46,7
Sumy	4	5	6	5	5	15,5	16,2	27,0	59,2	56,6
Ternopil	3	7	9	11	10	17,5	22,6	43,8	57,4	55,2
Kharkiv	22	36	36	37	37	128,7	135,5	176,7	256,8	262,7
Kherson	3	5	6	6	8	15,7	17,0	25,2	29,7	30,3
Khmelnyskiy	3	7	10	10	9	16,5	17,9	28,7	39,4	46,9
Cherkasy	3	5	7	6	6	11,7	17,2	24,2	39,3	48,1
Chernivtsi	2	2	4	4	4	11,9	12,7	17,6	25,8	27,5
Chernihiv	2	5	4	5	5	10,9	11,3	19,4	26,7	27,4
<b>cities</b>										
Kyiv	18	45	66	65	68	150,2	165,1	259,9	525,7	586,6
Sevastopol	1	1	3	5	4	7,2	5,8	12,5	17,5	16,8

EDUCATION

**20.24. Students in institutions of higher education of the 3<sup>rd</sup> and 4<sup>th</sup> levels of accreditation, by language of instruction and region**

(beginning of academic year; percent)

	Language of instruction									
	Ukrainian					Russian				
	1995/96	2000/01	2004/05	2005/06	2007/08	1995/96	2000/01	2004/05	2005/06	2007/08
<b>Ukraine</b>	<b>51</b>	<b>73</b>	<b>80</b>	<b>82</b>	<b>83</b>	<b>49</b>	<b>27</b>	<b>20</b>	<b>18</b>	<b>17</b>
Autonomous Republic of Crimea	—	0,1	6	7	16	100	99,9	94	93	84
<b>oblasts</b>										
Vinnitsya	85	99	99	99	99	15	1	1	1	1
Volyn	97	100	100	100	100	3	—	—	—	—
Dnipropetrovsk	32	62	76	79	79	68	38	24	21	21
Donetsk	8	23	29	34	36	92	77	71	66	64
Zhytomyr	78	92	98	97	97	22	8	2	3	3
Zakarpattia	100	98	97	97	95	—	—	—	—	—
Zaporizhzhya	20	70	83	84	86	80	30	17	15	14
Ivano-Frankivsk	100	100	100	100	100	—	—	—	—	—
Kyiv	99	99,8	100	100	100	0,8	0,2	—	—	—
Kirovohrad	85	92	92	91	91	15	8	8	9	9
Luhansk	8	26	40	43	54	92	74	60	57	46
Lviv	100	100	100	100	100	—	—	—	—	—
Mykolayiv	42	91	99,7	99,8	99,8	58	9	0,3	0,2	0,2
Odesa	30	66	75	76	77	70	34	25	24	23
Poltava	68	83	97	99,1	99,7	32	17	3	0,9	0,3
Rivne	97	100	100	100	100	3	—	—	—	—
Sumy	41	100	100	99,8	100	59	—	—	0,2	—
Ternopil	100	100	100	100	99,9	—	—	—	—	—
Kharkiv	31	66	75	76	76	69	34	25	23	24
Kherson	40	60	64	65	70	60	40	36	35	30
Khmelnyskiy	99	99	99,6	99,8	99,9	1	1	0,4	0,2	0,1
Cherkasy	84	98	99,7	99,8	99,8	16	2	0,3	0,2	0,2
Chernivtsi	99,7	99,9	100	100	100	0,3	0,1	—	—	—
Chernihiv	78	94	96	96	96	22	6	4	4	4
<b>cities</b>										
Kyiv	67	94	95	96	96	33	6	5	3	4
Sevastopol	—	—	4	4	3	100	100	96	96	97

At the beginning of 2007/08, 1,1 thsd. students in city of Kyiv and 56 students in the Ternopil region were taught in English, 1,0 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
Total institutions offering postgraduate course	291	374	418	434	445	479	490	496	502	507
Total postgraduate students	13374	17464	23295	24256	25288	27106	28412	29866	31293	32497
Admitted	4162	6261	7744	8027	8463	9022	9225	9711	10201	10286
full-time	2625	4445	5153	5277	5455	5790	5877	6006	6172	6188
part-time	1537	1816	2591	2750	3008	3232	3348	3705	4029	4098
Graduated	3377	3372	5132	5223	5550	5733	6100	6417	6840	7154
full-time	2055	2339	3715	3725	3890	3970	4156	4279	4527	4726
part-time	1322	1033	1417	1498	1660	1763	1944	2138	2313	2428

### 20.26. Training of doctoral students

	1991	1995	2000	2001	2002	2003	2004	2005	2006	2007
Total institutions offering doctorate training	93	158	209	215	225	235	246	240	241	252
Total Doctorate students	503	1105	1131	1106	1166	1220	1271	1315	1373	1418
Admitted	203	436	376	393	428	437	469	461	502	506
Graduated	123	224	401	371	333	352	366	373	396	414

## 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 21.1–21.6) 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.

Dentists (stomatologists with higher education) and dental technicians (teeth specialists with secondary medical education) are also included.

**Paramedical personnel** includes all persons with secondary medical education (excluding dental technicians) who are employed in medical and sanatorium establishments, social protection establishments, preschool 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** include 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.).

**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.

**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.

**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 personnel<sup>1</sup>***(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

<sup>1</sup> Data for 1913 cover Ukraine within the frontiers of the former Ukrainian Soviet Republic before September 17, 1939, whereas for 1940–2007 the data cover the current territory of Ukraine

## HEALTH CARE AND SOCIAL AID

**21.2. Basic health care indicators**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Total medical practitioners (doctors)										
thsd.	227	230	226	226	224	223	223	224	225	223
per 10 thsd. population	44,0	45,1	46,2	46,8	46,9	47,1	47,4	47,9	48,4	48,3
Total paramedical staff										
thsd.	607	595	541	530	526	523	522	496	493	488
per 10 thsd. population	117,5	116,5	110,3	110,0	110,0	110,3	110,9	106,2	106,1	105,5
Total hospitals, thsd.	3,9	3,9	3,3	3,2	3,1	3,0	2,9	2,9	2,9	2,8
In which beds										
thsd.	700	639	466	466	465	458	451	445	444	440
per 10 thsd. population	135,5	125,1	95,0	96,6	97,3	96,6	95,7	95,2	95,6	95,2
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
including										
institutions with dental departments under Ministry of Health Care	4,8	4,7	4,6	4,7	4,6	4,7	4,7	4,6	4,7	4,7
independent dental clinics under Ministry of Health Care	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
per 10 thsd. population	173,1	189,0	198,4	203,2	205,0	206,8	209,6	211,7	214,8	214,7
Total ambulance outlets <sup>1</sup>	970	1064	1039	1001	988	974	975	976	982	987
Total patients who received out-patient and ambulance services <sup>1</sup>										
mln.	17,8	16,0	14,0	13,9	13,9	13,9	13,8	13,8	13,8	13,9
per 1000 population	345	313	285	286	290	291	293	294	297	300

<sup>1</sup> 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. <sup>1</sup>						Per 10 thsd. population					
	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>227,2</b>	<b>230,2</b>	<b>226,3</b>	<b>223,8</b>	<b>224,9</b>	<b>223,3</b>	<b>44,0</b>	<b>45,1</b>	<b>46,2</b>	<b>47,9</b>	<b>48,4</b>	<b>48,3</b>
Autonomous Republic of Crimea	12,9	12,1	11,1	10,7	10,7	10,6	60,8	55,6	53,3	54,4	54,6	54,2
<b>oblasts</b>												
Vinnitsya	7,7	8,3	8,3	8,3	8,4	8,4	40,4	44,3	46,6	48,9	49,9	50,6
Volyn	3,9	4,2	4,2	4,1	4,0	4,0	36,1	39,1	39,6	39,0	39,1	38,8
Dnipropetrovsk	17,1	18,5	17,5	16,6	16,7	16,4	43,9	48,3	47,7	48,3	48,7	48,4
Donetsk	23,7	23,5	22,4	21,6	21,5	21,1	44,5	45,4	46,0	46,9	47,1	46,6
Zhytomyr	5,0	5,1	5,4	5,2	5,2	5,3	32,9	34,8	38,5	39,3	39,9	40,4
Zakarpattia	4,9	5,2	5,2	5,2	5,3	5,1	39,2	40,6	40,6	42,1	42,5	40,8
Zaporizhzhya	9,1	9,2	9,5	8,8	9,0	8,8	43,6	44,2	48,3	47,6	48,6	47,9
Ivano-Frankivsk	6,1	6,4	6,6	6,7	6,9	7,1	42,7	44,1	45,6	48,7	49,9	50,7
Kyiv	6,1	6,2	6,0	5,8	5,9	5,9	31,2	32,6	33,4	32,8	33,9	34,2
Kirovohrad	4,8	4,2	4,0	3,7	3,7	3,6	38,7	34,5	35,3	35,2	35,1	35,0
Luhansk	11,0	11,2	10,7	10,3	10,2	10,0	38,4	40,3	41,2	43,0	43,0	42,6
Lviv	13,5	14,2	13,9	14,5	14,9	14,8	49,0	51,8	51,9	56,6	58,3	58,2
Mykolayiv	4,6	4,9	4,6	4,4	4,5	4,3	34,3	36,6	36,0	35,8	37,0	35,6
Odesa	13,5	12,3	11,9	11,2	11,2	11,2	51,8	47,9	48,0	46,8	46,8	46,9
Poltava	6,8	7,5	7,8	7,3	7,3	7,3	38,5	43,4	46,9	47,4	47,9	48,2
Rivne	3,7	4,2	4,6	4,7	4,8	4,7	31,9	35,2	38,9	40,6	41,9	41,2
Sumy	4,6	4,7	4,8	4,5	4,5	4,4	32,1	33,8	36,7	36,5	36,8	37,2
Ternopil	5,1	5,5	5,4	5,4	5,4	5,5	43,7	47,0	47,0	49,1	49,4	50,5
Kharkiv	15,7	16,0	15,2	15,8	15,9	15,7	49,5	52,1	52,0	56,1	56,7	56,3
Kherson	4,5	4,6	4,2	4,1	4,0	4,0	35,9	36,6	34,9	36,1	36,1	36,6
Khmelnyskiy	4,9	5,4	5,4	5,5	5,6	5,6	32,5	35,8	37,4	40,1	41,3	41,7
Cherkasy	5,6	5,6	5,4	5,1	5,0	5,1	36,9	37,2	37,9	37,8	38,1	38,1
Chernivtsi	4,0	4,3	4,4	4,9	4,9	5,2	42,7	45,6	47,2	54,0	54,0	57,7
Chernihiv	4,5	4,6	4,6	4,3	4,3	4,2	32,2	34,1	36,3	36,9	37,4	37,4
<b>cities</b>												
Kyiv	21,2	20,1	21,3	23,2	23,2	23,2	81,3	77,0	81,5	87,6	86,7	85,9
Sevastopol	2,7	2,2	1,9	1,9	1,9	1,8	67,6	54,1	48,0	49,1	49,2	48,8

<sup>1</sup> Including dentists: 5,7 thsd. in 1990; 4,3 thsd. in 1995; 3,6 thsd. in 2000; 3,0 thsd. in 2005; 2,9 thsd. in 2006, 2,8 thsd. in 2007

## HEALTH CARE AND SOCIAL AID

**21.4. Paramedical personnel, by region***(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>607,2</b>	<b>595,1</b>	<b>541,0</b>	<b>496,3</b>	<b>493,2</b>	<b>487,5</b>	<b>117,5</b>	<b>116,5</b>	<b>110,3</b>	<b>106,2</b>	<b>106,1</b>	<b>105,5</b>
Autonomous Republic of Crimea	27,4	27,1	23,1	21,9	22,0	21,9	129,7	124,3	111,5	111,1	111,9	111,5
<b>oblasts</b>												
Vinnitsya	23,1	22,6	20,5	18,9	18,8	18,7	121,3	121,2	114,4	111,7	111,7	112,2
Volyn	13,9	13,3	11,8	11,3	11,3	11,3	130,2	123,6	112,5	108,8	109,4	109,8
Dnipropetrovsk	45,3	46,2	39,3	35,3	34,6	34,0	116,3	120,3	107,0	102,4	101,1	100,2
Donetsk	67,4	63,5	55,1	48,4	47,6	46,5	126,5	122,7	113,1	104,9	104,3	102,7
Zhytomyr	16,8	17,4	16,5	15,3	15,1	15,0	112,0	118,3	116,4	114,7	114,5	114,9
Zakarpattia	13,0	13,5	13,1	12,9	12,5	11,8	103,0	105,3	103,1	104,1	100,3	95,4
Zaporizhzhya	23,5	22,9	22,0	19,2	19,3	18,7	112,2	110,8	111,4	103,2	104,4	101,9
Ivano-Frankivsk	16,5	16,1	15,5	14,2	14,4	14,6	115,2	110,5	107,6	102,7	104,4	105,6
Kyiv	19,7	19,7	18,5	16,3	16,2	15,7	101,5	104,3	102,2	92,9	92,9	89,9
Kirovohrad	15,7	13,5	12,9	11,4	11,2	11,1	127,5	111,3	112,7	107,9	107,3	106,9
Luhansk	33,9	31,4	26,6	24,8	24,6	24,5	118,4	112,9	102,1	103,2	103,3	104,3
Lviv	28,8	30,5	30,5	30,1	30,0	30,2	104,8	111,2	113,8	117,6	117,6	119,0
Mykolayiv	13,8	13,8	12,3	11,1	11,4	10,9	102,7	103,0	95,9	90,9	94,2	90,6
Odesa	31,3	27,6	24,9	21,8	21,8	21,9	119,5	107,4	100,5	91,3	91,4	91,8
Poltava	19,2	20,3	19,4	16,8	16,6	16,3	109,8	117,2	116,9	108,3	108,2	107,7
Rivne	13,0	14,3	13,2	13,5	14,1	14,1	110,8	120,2	112,3	116,9	122,5	122,3
Sumy	16,2	15,6	14,5	13,0	12,9	12,9	113,9	112,0	110,5	106,7	106,9	107,9
Ternopil	13,7	13,2	12,5	12,2	12,2	12,0	117,3	113,1	109,0	109,9	111,0	109,6
Kharkiv	35,6	36,3	32,3	28,7	28,5	28,0	112,2	118,4	110,7	102,0	101,8	100,8
Kherson	15,6	14,7	12,2	11,3	11,2	11,2	124,2	116,7	100,8	100,3	100,1	101,5
Khmelnyskiy	16,3	16,6	14,7	13,8	14,1	14,0	107,7	110,2	102,1	100,4	104,0	103,8
Cherkasy	17,2	16,8	16,2	14,6	14,3	14,2	112,5	112,2	113,5	108,9	108,1	108,6
Chernivtsi	9,9	10,2	9,4	9,0	9,2	9,3	105,1	107,8	101,0	99,4	101,7	103,7
Chernihiv	16,0	16,3	15,1	13,3	13,0	12,8	113,8	120,7	119,1	114,6	113,9	113,9
<b>cities</b>												
Kyiv	38,6	36,6	34,6	33,4	32,6	32,4	148,0	140,1	132,8	125,9	121,7	120,0
Sevastopol	5,8	5,1	4,3	3,8	3,7	3,5	142,9	125,8	111,0	100,2	98,6	92,6

## HEALTH CARE AND SOCIAL AID

**21.5. Hospital beds, by region***(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>700,3</b>	<b>638,9</b>	<b>466,0</b>	<b>444,9</b>	<b>444,3</b>	<b>439,5</b>	<b>135,5</b>	<b>125,1</b>	<b>95,0</b>	<b>95,2</b>	<b>95,6</b>	<b>95,2</b>
Autonomous Republic of Crimea	26,3	25,0	19,3	17,9	17,7	17,6	124,3	114,7	92,9	90,6	89,9	89,7
<b>oblasts</b>												
Vinnitsya	28,2	25,0	16,1	15,6	15,6	15,5	148,2	134,1	90,2	92,1	92,8	93,3
Volyn	14,7	13,7	8,9	8,6	8,6	8,6	137,5	127,5	84,2	82,5	82,7	82,8
Dnipropetrovsk	54,7	54,1	40,3	37,5	37,3	36,7	140,3	141,0	109,9	109,0	109,2	108,2
Donetsk	74,1	63,6	44,3	41,7	41,6	41,5	139,2	122,9	90,9	90,5	91,2	91,7
Zhytomyr	20,9	15,3	11,4	10,8	10,5	10,4	138,8	104,1	80,9	80,8	80,1	79,9
Zakarpattia	14,8	14,0	10,8	10,2	10,2	10,1	117,6	108,9	84,4	82,0	81,9	81,7
Zaporizhzhya	29,4	28,5	20,8	18,3	18,8	17,7	140,7	137,6	105,2	98,6	101,7	96,5
Ivano-Frankivsk	18,3	16,8	12,8	12,7	12,6	12,6	128,1	115,3	88,6	91,3	91,2	91,5
Kyiv	24,0	21,8	15,5	14,3	14,2	15,3	123,8	115,2	85,6	81,5	81,2	88,7
Kirovohrad	18,1	16,5	11,0	10,3	10,3	10,2	146,6	136,3	96,3	97,2	98,5	99,1
Luhansk	40,8	35,8	25,8	25,7	25,4	25,2	142,5	128,7	99,1	106,7	107,1	107,2
Lviv	34,3	29,5	25,8	24,8	24,8	24,4	124,9	107,7	96,3	97,0	97,3	96,0
Mykolayiv	17,9	17,7	11,1	10,6	10,7	10,4	133,6	131,6	86,7	87,2	88,1	86,3
Odesa	35,0	28,6	22,7	21,8	21,8	22,0	133,7	111,2	91,7	91,1	91,3	92,3
Poltava	24,0	23,7	14,4	13,8	13,7	13,6	137,0	136,8	87,2	89,1	89,6	89,8
Rivne	15,8	15,4	10,3	10,5	10,8	10,5	135,1	129,3	87,7	90,9	93,7	91,1
Sumy	20,0	17,6	11,9	11,4	11,4	11,4	140,4	126,5	90,8	93,2	94,7	95,4
Ternopil	15,5	14,3	10,7	10,1	10,1	10,1	132,5	122,5	93,0	91,4	91,8	92,2
Kharkiv	42,4	41,9	29,0	27,8	27,7	27,4	133,5	136,6	99,4	98,7	99,0	98,8
Kherson	16,5	15,5	11,2	11,8	11,7	11,5	131,0	122,8	92,7	105,0	104,5	103,6
Khmelnyskiy	20,6	19,1	13,2	12,2	12,4	12,2	136,0	127,1	91,6	88,9	91,1	90,3
Cherkasy	20,8	17,9	12,9	12,1	11,9	11,9	136,5	119,0	90,3	90,7	90,1	90,5
Chernivtsi	12,2	10,8	8,2	8,3	8,3	8,3	130,1	114,5	87,6	91,5	91,7	91,6
Chernihiv	20,1	19,0	14,2	13,0	13,0	12,9	143,0	140,7	112,1	112,1	113,3	114,2
<b>cities</b>												
Kyiv	36,6	33,6	30,3	30,1	30,2	28,5	139,9	129,0	116,4	113,6	112,9	105,5
Sevastopol	4,3	4,2	3,1	3,0	3,0	3,0	106,6	102,8	80,8	79,1	79,1	79,0

## HEALTH CARE AND SOCIAL AID

**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	2006	2007	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>894,9</b>	<b>965,5</b>	<b>973,0</b>	<b>989,9</b>	<b>998,3</b>	<b>991,8</b>	<b>173,1</b>	<b>189,0</b>	<b>198,4</b>	<b>211,7</b>	<b>214,8</b>	<b>214,7</b>
Autonomous Republic of Crimea	31,9	34,1	35,1	34,9	34,8	34,8	150,7	156,5	169,5	176,6	177,0	177,3
<b>oblasts</b>												
Vinnitsya	24,3	25,7	25,3	25,8	25,9	26,9	127,6	137,7	141,3	152,5	154,1	161,6
Volyn	14,7	16,2	17,9	18,0	18,1	18,0	137,8	151,2	170,0	173,2	175,1	173,6
Dnipropetrovsk	82,4	93,1	93,7	93,2	92,9	93,1	211,5	242,4	255,7	270,6	271,7	274,2
Donetsk	79,7	82,3	86,4	94,0	94,1	90,1	149,6	158,9	177,3	204,0	206,0	199,1
Zhytomyr	28,8	31,1	32,5	32,3	32,4	32,3	191,8	211,5	230,3	242,7	245,7	247,3
Zakarpattia	22,3	24,0	24,2	24,8	25,7	26,2	177,1	187,1	189,9	199,7	207,4	211,5
Zaporizhzhya	31,9	33,2	36,4	37,1	38,4	37,0	152,6	160,3	184,3	199,4	207,8	202,1
Ivano-Frankivsk	18,6	20,3	20,5	20,6	21,1	23,1	130,0	139,2	141,8	149,0	153,0	167,7
Kyiv	31,4	35,4	35,1	34,3	35,7	34,2	161,8	187,5	194,5	195,0	204,8	197,4
Kirovohrad	26,2	27,9	27,2	27,0	27,0	26,8	212,1	230,1	238,3	254,1	257,6	259,2
Luhansk	52,0	52,7	53,9	53,4	53,5	51,9	181,4	189,5	207,0	222,2	224,9	220,7
Lviv	44,1	47,4	47,3	48,0	48,1	48,8	160,7	173,0	176,1	187,6	188,7	191,8
Mykolayiv	20,6	22,3	23,3	22,3	23,5	22,8	153,7	166,2	181,4	183,4	194,2	189,7
Odesa	51,1	51,4	48,3	50,9	50,9	52,0	195,4	200,1	195,1	212,8	213,6	217,9
Poltava	33,2	37,0	37,2	38,1	38,2	38,0	189,6	213,2	224,4	246,5	249,0	250,7
Rivne	20,1	23,3	22,7	23,7	24,2	23,3	171,6	196,2	192,9	204,7	210,2	202,8
Sumy	23,5	27,2	26,9	27,5	27,6	27,5	165,1	195,1	204,7	224,4	227,9	230,3
Ternopil	18,0	19,5	19,8	20,2	20,6	20,7	153,6	166,4	173,0	181,8	186,8	188,8
Kharkiv	56,1	59,0	57,2	60,9	61,0	60,3	176,8	192,2	195,8	216,3	218,1	217,0
Kherson	20,8	20,9	21,0	21,4	21,5	21,5	165,6	165,2	173,2	190,6	192,6	194,1
Khmelnyskiy	22,6	25,2	25,8	25,2	26,1	25,3	149,6	168,0	178,8	184,2	192,0	187,6
Cherkasy	25,1	27,3	27,4	27,6	27,6	27,6	164,2	181,7	191,5	206,2	208,2	210,7
Chernivtsi	15,3	15,2	15,1	15,9	16,1	16,4	162,2	161,2	162,4	175,3	177,9	182,3
Chernihiv	22,2	24,0	24,1	23,8	23,8	24,0	158,2	178,6	190,9	205,6	208,6	212,7
<b>cities</b>												
Kyiv	70,8	82,0	81,1	81,6	82,1	81,8	270,9	314,4	311,2	307,7	306,5	302,9
Sevastopol	7,2	7,8	7,6	7,4	7,4	7,4	177,4	191,6	196,1	195,1	195,0	197,3



**21.7. Morbidity, by disease***(cases of newly registered diseases)*

	Thsd.						Per 100 thsd. population					
	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
<b>Total diseases</b>	<b>32188</b>	<b>32547</b>	<b>33471</b>	<b>32912</b>	<b>32240</b>	<b>32807</b>	<b>62335</b>	<b>63474</b>	<b>67966</b>	<b>70138</b>	<b>69173</b>	<b>70814</b>
including												
some infectious and parasitic diseases	1333	1504	1436	1337	1312	1292	2582	2934	2915	2850	2816	2790
neoplasms	310	327	382	408	414	407	601	639	776	870	888	879
diseases of blood and hemogenic organs and selected immunity disorders	114	191	246	238	235	232	221	373	499	506	505	500
diseases of endocrine system, nutrition and metabolic disorders <sup>1</sup>	307	272	596	549	545	540	594	531	1210	1170	1168	1166
psychological and behavioural disorders	265	267	243	228	216	220	514	521	494	486	463	475
diseases of the nervous system <sup>2</sup>	2640	3037	748	754	764	752	5112	5923	1519	1607	1639	1623
diseases of eyes and eye adventive organ <sup>2</sup>	...	...	1541	1615	1612	1612	...	...	3129	3441	3459	3480
diseases of ears and mamillary appendix <sup>2</sup>	...	...	1149	1197	1187	1197	...	...	2332	2550	2547	2584
diseases of blood circulation system	1149	1390	2338	2430	2431	2437	2225	2710	4747	5179	5215	5260
diseases of respiratory organs	17021	15705	14639	13894	13308	13946	32962	30628	29727	29609	28552	30101
digestion disorders	1189	1332	1429	1410	1383	1379	2303	2597	2903	3004	2968	2976
diseases of skin and hypodermic cellular tissue	1799	2144	1996	1936	1906	1952	3483	4181	4053	4126	4090	4213
disease of bony and muscle systems and connective tissue	1374	1416	1571	1600	1597	1569	2661	2761	3191	3411	3427	3387
diseases of urogenital system	1224	1544	1939	2185	2172	2132	2370	3012	3937	4655	4661	4601
pregnancy, delivery and postnatal period	414	516	588	661	667	663	3358 <sup>3</sup>	4051 <sup>3</sup>	4621 <sup>3</sup>	5342 <sup>3</sup>	5426 <sup>3</sup>	5448 <sup>3</sup>
congenital anomalies (defects of growth), deformation and chromosome disorders	41	47	62	53	53	51	79	92	125	114	114	111
traumas, poisoning and some other consequences of external affects	2866	2647	2339	2264	2289	2284	5550	5161	4749	4825	4911	4930

<sup>1</sup> 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

<sup>2</sup> According to ICD'10, since 1999 diseases of eyes and eye adventive organ and diseases of ears and mamillary appendix were eliminated from class of diseases of the nervous system and hearing and classified in separate groups

<sup>3</sup> Per 100 thsd. women of fertility age (15–49)

**21.8. Incidence of selected infections diseases**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total cases</b>										
Acute intestinal diseases, thsd.	107,3	123,3	102,5	84,6	75,3	76,3	75,1	83,2	71,0	84,0
Typhoid fever and paratyphus A, B and C	172	189	103	46	31	34	38	90	23	13
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
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
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
Scarlet fever, thsd.	32,2	16,7	16,1	14,1	16,6	10,6	9,2	10,3	11,6	15,2
Diphtheria	109	5277	365	283	285	158	123	98	68	81
Whooping cough, thsd.	4,2	1,2	2,2	2,2	0,4	0,8	2,2	1,5	2,5	2,2
Tetanus	102	72	36	34	36	34	20	16	24	28
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
<b>Per 100 thsd. population, cases</b>										
Acute intestinal diseases	207,8	240,4	208,1	174,7	157,0	160,2	159,0	177,3	152,3	181,2
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
Infections caused by salmonella	32,0	29,8	16,2	16,1	17,6	16,9	14,4	15,9	16,7	21,7
Virus hepatitis including serum	285,8	320,9	78,3	108,3	95,6	86,0	66,8	57,3	35,9	26,1
Flu and acute infections of respiratory organs	24194	20935	19897	18874	16546	18816	16909	18051	16089	18419
Scarlet fever	62,3	32,6	32,6	29,1	34,5	22,3	19,4	21,9	24,9	32,8
Diphtheria	0,2	10,3	0,7	0,6	0,6	0,3	0,3	0,2	0,1	0,2
Whooping cough	8,1	2,3	4,6	4,6	0,9	1,6	4,7	3,2	5,3	4,7
Tetanus	0,2	0,1	0,1	0,1	0,1	0,1	0,0	0,0	0,1	0,1
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

**21.9. New HIV infections and number of persons registered as HIV positive<sup>1</sup>**

	HIV infected persons						Registered HIV positive persons					
	1995	2000	2004	2005	2006	2007	1995	2000	2004	2005	2006	2007
Total newly registered HIV infected person												
thsd.	1,5	6,3	12,2	13,8	16,1	17,7 <sup>2</sup>	0,04	0,7	2,7	4,2	4,7	4,6
per 100 thsd. population	2,9	12,9	25,8	29,4	34,5	38,2	0,1	1,3	5,7	9,0	10,1	9,9
Total patients registered at medical institutions, end of year												
thsd.	1,5	29,8	51,7	57,8	64,8	72,9	0,1	0,9	3,1	5,1	7,2	8,9
per 100 thsd. population	2,9	60,7	109,8	123,7	139,5	157,7	0,1	1,9	6,6	10,9	15,5	19,4

<sup>1</sup> Including foreign citizens<sup>2</sup> For 2007 and the previous years inclusive, data include persons who were newly diagnosed as HIV positive

At the end of 2007, 59 % of HIV infected and registered as HIV positive persons were males and almost 53 % were those infected through drug injections.

**21.10. HIV infected and HIV positive, by region<sup>1</sup>***(total newly registered)*

	HIV infected persons <sup>2</sup>					Registered HIV positive persons				
	2000	2004	2005	2006	2007	2000	2004	2005	2006	2007
<b>Ukraine</b>	<b>6307</b>	<b>12175</b>	<b>13786</b>	<b>16094</b>	<b>17685</b>	<b>653</b>	<b>2713</b>	<b>4220</b>	<b>4729</b>	<b>4575</b>
Autonomous Republic of Crimea	412	756	896	805	960	92	337	235	192	227
<b>oblasts</b>										
Vinnitsya	101	196	248	325	339	8	54	82	103	114
Volyn	96	135	158	173	210	3	4	26	54	80
Dnipropetrovsk	920	2130	2045	2465	2670	17	312	778	1050	715
Donetsk	1503	2551	2997	3608	3773	73	722	1343	1336	1209
Zhytomyr	59	164	225	247	266	7	25	68	74	84
Zakarpattia	17	14	36	22	43	1	22	9	6	3
Zaporizhzhya	144	325	406	435	454	18	86	102	91	122
Ivano-Frankivsk	18	64	74	71	97	4	5	8	23	17
Kyiv	63	392	333	497	633	3	79	95	141	217
Kirovohrad	45	197	173	228	269	1	2	13	50	48
Luhansk	153	523	525	475	548	5	55	67	93	156
Lviv	89	221	209	242	255	5	37	43	104	75
Mykolayiv	453	726	802	1049	1167	75	143	288	214	322
Odesa	977	1447	1349	1470	1704	275	388	442	251	186
Poltava	121	142	303	297	390	—	39	80	124	111
Rivne	22	85	82	105	158	4	6	9	18	32
Sumy	36	74	92	145	179	3	14	21	52	14
Ternopil	60	51	65	115	124	—	8	14	48	46
Kharkiv	153	352	401	440	453	8	19	42	61	73
Kherson	195	235	327	496	550	18	72	61	86	63
Khmelnyskiy	110	201	241	295	238	1	35	48	68	58
Cherkasy	151	257	300	331	376	3	46	94	138	161
Chernivtsi	25	50	62	46	67	9	7	23	41	40
Chernihiv	84	248	236	297	349	1	10	27	51	57
<b>cities</b>										
Kyiv	217	486	1023	1146	1184	15	133	73	151	266
Sevastopol	83	153	178	269	229	4	53	129	109	79

<sup>1</sup> See the first footnote for Table 21.9<sup>2</sup> See the second footnote for Table 21.9

**21.11. Incidence of malignant tumors**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Total newly registered										
thsd.	155,4	158,6	156,6	155,0	155,3	155,3	155,9	157,5	153,6	154,1
per 100 thsd. population	301	309	318	320	324	326	330	336	330	333
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
per 100 thsd. population	1297	1434	1567	1621	1672	1724	1782	1849	1919	1977

**21.12. Incidence of malignant tumors in 2007, by location**

	Thsd.			Per 100 thsd. population		
	total	including		total	including	
		males	females		males	females
Total newly registered	154,1	74,9	79,2	332,7	350,6	317,3
including malignant tumour						
lips, mouth and throat	5,3	4,3	1,0	11,5	20,3	4,0
oesophagus	1,7	1,5	0,2	3,8	7,1	0,9
stomach	11,7	6,9	4,8	25,4	32,5	19,4
rectum	8,7	4,5	4,2	18,9	21,3	16,8
larynx	2,4	2,3	0,1	5,3	10,9	0,5
trachea, bronchi, lungs	17,6	14,6	3,0	38,1	68,3	12,2
skin	21,1	8,8	12,3	45,5	40,9	49,5
mammary glands	15,4	0,1	15,3	33,4	0,7	61,4
urine bladder	4,9	4,0	0,9	10,5	18,9	3,3
kidney	4,8	2,9	1,9	10,5	13,7	7,7
womb	11,4	×	11,4	45,6 <sup>1</sup>	×	45,6
thyroid gland	2,4	0,4	2,0	5,2	1,9	8,0
lymphatic and hemogenic tissue	7,6	3,9	3,7	16,4	18,3	14,7

<sup>1</sup> 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
Total newly registered										
thsd.	128,9	135,6	129,0	124,0	120,0	115,8	115,5	113,6	108,0	112,6
per 100 thsd. population	250	264	262	256	250	243	244	242	232	243
Total registered at medical institutions, end of year										
thsd.	1178	1169	1202	1201	1191	1181	1177	1176	1179	1176
per 100 thsd. population	2280	2288	2452	2493	2492	2490	2500	2516	2537	2545

**21.14. Incidence of active tuberculosis**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Total newly registered										
thsd.	16,5	21,5	29,8	33,6	36,5	37,0	38,4	39,6	38,9	37,1 <sup>1</sup>
per 100 thsd. population	31,9	41,8	60,4	69,5	76,0	77,8	81,2	84,4	83,4	80,1
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
per 100 thsd. population	28,5	38,9	56,7	65,6	72,3	74,0	77,4	80,5	79,7	76,7
Total patients registered at medical institutions, end of year										
thsd.	98,3	99,5	122,9	131,8	138,6	141,4	106,7 <sup>2</sup>	103,2	99,2	93,2
per 100 thsd. population	190,2	194,8	250,6	273,6	290,1	298,1	226,6	220,7	213,6	201,8

<sup>1</sup> Among the persons newly registered as sick of active form of tuberculosis in 2007 71 % are males, 96 % are sick of respiratory tuberculosis

<sup>2</sup> 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

## HEALTH CARE AND SOCIAL AID

**21.15. Incidence of active tuberculosis, by region***(total newly registered)*

	Persons						Per 100 thsd. population					
	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>16465</b>	<b>21459</b>	<b>29753</b>	<b>39608</b>	<b>38884</b>	<b>37095</b>	<b>31,9</b>	<b>41,8</b>	<b>60,4</b>	<b>84,4</b>	<b>83,4</b>	<b>80,1</b>
Autonomous Republic of Crimea	548	747	1190	1743	1678	1678	26,1	34,2	57,2	88,0	85,1	85,4
<b>oblasts</b>												
Vinnitsya	726	668	999	1199	1039	1008	38,0	35,7	55,6	70,4	61,6	60,3
Volyn	308	469	611	714	748	702	29,0	43,7	58,0	68,7	72,2	67,9
Dnipropetrovsk	1120	1490	2329	2841	3412	3219	28,8	38,6	63,2	82,1	99,4	94,5
Donetsk	1496	2408	3364	4816	4582	4325	28,1	46,2	68,6	103,9	99,9	95,1
Zhytomyr	622	770	932	1295	1167	1093	41,0	52,1	65,7	96,8	88,1	83,3
Zakarpattia	479	420	616	737	744	742	38,2	32,8	48,3	59,2	59,9	59,8
Zaporizhzhya	670	949	1303	1736	1670	1685	32,1	45,7	65,6	92,9	90,1	91,6
Ivano-Frankivsk	500	591	837	1101	975	981	35,0	40,6	57,9	79,3	70,4	71,0
Kyiv	629	800	989	1244	1279	1238	32,4	42,1	54,5	70,5	73,0	71,2
Kirovohrad	478	447	736	1184	1203	1067	38,8	36,7	64,0	110,7	114,2	102,6
Luhansk	899	1282	1997	2784	2687	2461	31,4	45,8	76,2	115,0	112,4	104,1
Lviv	870	1301	1748	2023	1899	1939	31,8	47,4	65,0	78,9	74,3	76,2
Mykolayiv	453	573	941	1365	1294	1262	33,9	42,6	72,9	111,5	106,5	104,6
Odesa	1091	1248	1720	2292	2262	2077	41,7	48,4	69,3	95,6	94,7	87,1
Poltava	495	532	830	879	869	884	28,2	30,5	49,9	56,5	56,4	58,0
Rivne	405	664	776	940	886	864	34,6	55,8	65,7	81,2	76,8	75,0
Sumy	425	585	724	724	671	666	29,8	41,8	54,7	58,7	55,1	55,4
Ternopil	379	516	509	756	746	722	32,4	44,0	44,3	67,9	67,5	65,7
Kharkiv	975	1321	1593	2563	2376	2199	30,7	42,8	54,3	90,8	84,7	78,9
Kherson	543	624	1122	1978	1752	1689	43,4	49,2	92,2	174,9	156,4	152,0
Khmelnyskiy	497	563	786	887	928	871	32,8	37,4	54,3	64,4	68,0	64,4
Cherkasy	490	546	730	931	928	913	32,1	36,2	50,7	69,2	69,7	69,3
Chernivtsi	266	355	428	512	506	454	28,3	37,5	45,8	56,5	56,0	50,3
Chernihiv	509	603	792	901	932	842	36,2	44,5	62,2	77,0	80,9	74,2
<b>cities</b>												
Kyiv	498	852	956	1228	1403	1256	19,1	32,6	36,7	46,5	52,7	46,7
Sevastopol	94	135	195	235	248	258	23,4	33,0	50,1	62,4	65,7	68,4

## HEALTH CARE AND SOCIAL AID

**21.16. Incidence of illnesses due to drug addiction**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
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
per 100 thsd. population	128	124	105	108	108	111	119	122	116	127
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
per 100 thsd. population	6,6	24,0	23,9	25,1	23,3	19,3	15,5	14,7	13,6	12,5
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
per 100 thsd. population	1471	1441	1402	1410	1400	1389	1393	1391	1384	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
per 100 thsd. population	44	91	155	171	181	186	188	188	186	184

At the end of 2007, 227 thsd. persons were registered as those addicted to alcohol, narcotics or other psychoactive materials, including 116 thsd. newly registered.

**21.17. Incidence of venereal disease**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
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
per 100 thsd. population	6,0	119,0	91,9	78,1	64,1	54,9	48,9	42,2	34,5	30,0
Gonorrhoea										
thsd.	37,8	45,9	26,1	24,8	22,5	20,5	19,4	18,2	15,4	13,8
per 100 thsd. population	73,2	89,4	52,9	51,2	46,8	42,9	41,0	38,7	33,1	29,9
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
per 100 thsd. population	30,5	225,0	342,8	314,2	284,1	255,5	230,9	205,7	185,9	169,3

## HEALTH CARE AND SOCIAL AID

**21.18. Abortions**

	1990	1995	2000	2001	2002	2003	2004	2005	2006 <sup>1</sup>	2007
Total abortions <sup>2</sup> , thsd.	1019	740	434	370	346	316	289	264	230	225
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
per 100 deliveries (including still-born)	155	150	113	98	89	77	68	62	51	48

<sup>1</sup> Based on data from the Ministry of Health Care of Ukraine<sup>2</sup> 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
<b>Thsd.</b>										
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 <sup>1</sup>
including fatal accidents	2,6	2,1	1,2	1,3	1,2	1,1	1,1	1,0	1,0	1,1
Total man-days of disability	3182	2122	...	1029	893	860	839	769	746	706
<b>Per 1000 employees</b>										
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
including fatal accidents	0,117	0,116	0,095	0,105	0,100	0,094	0,089	0,084	0,083	0,093
Total man-days of disability	140,7	118,2	...	81,3	72,7	71,9	70,2	65,7	63,6	61,6
<b>Per 1 injured</b>										
Total man-days of disability	22,8	26,4	...	30,3	32,1	33,5	36,1	36,3	37,8	37,6

<sup>1</sup> Therefore, 1 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 2007, traumas unrelated to production caused injuries of 4,1 thsd. persons; death of 0,9 thsd. persons, loss of 71 thsd. man-days of work, 17 man-days per one injured person.

In 2007, 3,9 UAH bln. were spent **for labor protection measures** or 344 UAH per one employee.



## HEALTH CARE AND SOCIAL AID

**21.20. Industrial injuries, by region**

	Thsd.						Per 1000 employees					
	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>139,6</b>	<b>80,5</b>	<b>34,3</b>	<b>21,2</b>	<b>19,7</b>	<b>18,8</b>	<b>6,2</b>	<b>4,5</b>	<b>2,6</b>	<b>1,8</b>	<b>1,7</b>	<b>1,6</b>
Autonomous Republic of Crimea	3,0	1,0	0,5	0,4	0,4	0,5	2,9	1,4	1,1	1,0	1,0	1,0
<b>oblasts</b>												
Vinnitsya	3,5	1,6	0,5	0,5	0,5	0,4	4,2	2,3	1,0	1,2	1,3	1,2
Volyn	2,0	1,2	0,6	0,5	0,5	0,5	4,4	3,4	2,1	2,1	2,1	2,1
Dnipropetrovsk	8,3	5,9	2,5	1,9	1,9	1,6	5,0	3,9	2,3	1,7	1,7	1,5
Donetsk	40,1	31,5	12,9	6,4	6,0	6,2	17,3	16,7	9,3	5,0	4,6	4,8
Zhytomyr	2,7	1,4	0,4	0,4	0,4	0,4	4,1	2,6	0,9	1,3	1,2	1,3
Zakarpattya	1,0	0,2	0,2	0,1	0,1	0,1	2,0	0,6	0,7	0,5	0,4	0,4
Zaporizhzhya	5,4	2,4	1,0	0,8	0,7	0,7	5,6	2,9	1,6	1,5	1,4	1,3
Ivano-Frankivsk	1,2	0,4	0,2	0,3	0,2	0,2	2,1	0,9	0,6	1,0	1,0	0,8
Kyiv	4,0	1,5	0,4	0,4	0,4	0,4	5,3	2,7	1,0	1,1	1,1	0,9
Kirovohrad	3,2	1,4	0,6	0,4	0,3	0,3	5,8	3,1	1,9	1,5	1,4	1,2
Luhansk	20,7	12,7	6,3	3,0	2,7	2,4	16,1	12,6	9,1	4,8	4,4	4,1
Lviv	2,7	1,6	1,8	0,8	0,6	0,6	2,2	1,6	2,5	1,3	1,0	1,0
Mykolayiv	2,7	1,4	0,5	0,3	0,3	0,2	4,4	2,7	1,4	1,1	0,9	0,8
Odesa	5,0	1,5	0,5	0,5	0,4	0,3	4,4	1,8	1,0	0,8	0,7	0,6
Poltava	4,0	1,9	0,7	0,5	0,4	0,4	4,9	3,0	1,4	1,2	1,1	1,0
Rivne	2,3	1,0	0,2	0,2	0,2	0,2	4,7	2,3	0,8	0,9	1,0	0,9
Sumy	4,3	2,0	0,7	0,6	0,6	0,5	6,5	3,7	1,8	2,0	2,0	1,9
Ternopil	1,8	0,7	0,2	0,2	0,2	0,1	3,6	1,8	0,6	0,7	0,8	0,7
Kharkiv	7,1	2,5	0,9	0,8	0,8	0,7	5,3	2,3	1,1	1,1	1,0	1,0
Kherson	3,0	1,3	0,4	0,3	0,2	0,2	5,3	3,0	1,5	1,2	0,9	1,1
Khmelnyskiy	2,4	1,2	0,5	0,3	0,3	0,3	3,4	2,1	1,2	1,0	1,0	1,1
Cherkasy	2,2	1,0	0,4	0,3	0,3	0,3	3,2	1,7	0,9	0,9	1,0	1,0
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	0,3	5,2	3,2	1,3	1,1	1,1	1,0
<b>cities</b>												
Kyiv	3,0	1,1	0,7	0,8	0,8	0,8	2,3	1,4	1,1	0,8	0,8	0,8
Sevastopol	...	0,2	0,1	0,1	0,1	0,1	...	1,5	1,3	1,8	1,3	1,6

## HEALTH CARE AND SOCIAL AID

**21.21. Industrial deaths, by region**

	Persons						Per 1000 employees					
	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
<b>Ukraine</b>	<b>2640</b>	<b>2083</b>	<b>1239</b>	<b>989</b>	<b>972</b>	<b>1069</b>	<b>0,117</b>	<b>0,116</b>	<b>0,095</b>	<b>0,084</b>	<b>0,083</b>	<b>0,093</b>
Autonomous Republic of Crimea	104	57	44	30	28	28	0,102	0,084	0,089	0,068	0,063	0,063
<b>oblasts</b>												
Vinnitsya	133	85	37	22	36	28	0,159	0,124	0,074	0,059	0,100	0,079
Volyn	45	41	22	13	19	19	0,099	0,114	0,083	0,057	0,083	0,084
Dnipropetrovsk	188	169	75	92	102	84	0,112	0,112	0,070	0,085	0,093	0,078
Donetsk	386	356	216	177	180	288	0,166	0,189	0,156	0,137	0,138	0,225
Zhytomyr	67	46	29	21	16	27	0,104	0,087	0,075	0,067	0,053	0,092
Zakarpattia	41	25	13	13	15	11	0,087	0,069	0,051	0,063	0,072	0,049
Zaporizhzhya	101	74	52	49	37	39	0,104	0,091	0,083	0,089	0,069	0,073
Ivano-Frankivsk	50	39	14	14	16	21	0,084	0,093	0,045	0,057	0,064	0,082
Kyiv	89	64	32	41	33	35	0,116	0,111	0,075	0,104	0,081	0,089
Kirovohrad	58	46	31	23	16	17	0,104	0,101	0,102	0,085	0,062	0,069
Luhansk	212	195	202	84	88	91	0,165	0,192	0,290	0,138	0,145	0,154
Lviv	121	69	36	47	27	45	0,100	0,071	0,049	0,084	0,046	0,077
Mykolayiv	67	57	23	19	15	16	0,108	0,112	0,064	0,065	0,053	0,057
Odesa	140	115	64	48	31	32	0,123	0,137	0,118	0,083	0,053	0,056
Poltava	95	77	31	27	26	33	0,117	0,122	0,064	0,061	0,065	0,080
Rivne	58	31	20	12	17	21	0,119	0,073	0,073	0,048	0,072	0,090
Sumy	83	50	37	24	22	14	0,127	0,094	0,094	0,081	0,077	0,052
Ternopil	56	46	21	18	32	17	0,114	0,112	0,073	0,091	0,167	0,091
Kharkiv	139	111	54	48	37	31	0,104	0,103	0,067	0,066	0,048	0,043
Kherson	72	61	34	15	12	12	0,125	0,137	0,115	0,068	0,053	0,060
Khmelnyskiy	84	59	35	28	25	18	0,118	0,105	0,079	0,087	0,081	0,061
Cherkasy	88	54	19	14	25	18	0,130	0,096	0,047	0,047	0,083	0,061
Chernivtsi	37	19	10	4	13	10	0,098	0,066	0,050	0,024	0,080	0,062
Chernihiv	56	52	36	23	21	14	0,093	0,102	0,101	0,081	0,074	0,051
<b>cities</b>												
Kyiv	70	73	46	76	75	94	0,053	0,093	0,069	0,077	0,073	0,095
Sevastopol	...	12	6	7	8	6	...	0,109	0,072	0,097	0,108	0,089

## HEALTH CARE AND SOCIAL AID

**21.22. Disabled persons, by region***(beginning of 2008)*

	Total	Including				Per 1000 population
		1 <sup>st</sup> group	2 <sup>nd</sup> group	3 <sup>rd</sup> group	disabled children <sup>1</sup>	
<b>Ukraine</b>	<b>2442597</b>	<b>278195</b>	<b>1104602</b>	<b>1009129</b>	<b>50671</b>	<b>53</b>
Autonomous Republic of Crimea	117354	13617	62270	39920	1547	60
<b>oblasts</b>						
Vinnitsya	101811	14223	40085	45500	2003	61
Volyn	65669	7609	29998	27059	1003	64
Dnipropetrovsk	154327	16109	63327	70713	4178	45
Donetsk	240210	24745	92356	118079	5030	53
Zhytomyr	82514	13267	36494	31106	1647	63
Zakarpattia	53215	4449	24157	23287	1322	43
Zaporizhzhya	86127	9576	39304	35198	2049	47
Ivano-Frankivsk	76187	6157	34800	33614	1616	55
Kyiv	92821	10391	50310	29650	2470	54
Kirovohrad	49800	4875	22796	20879	1250	48
Luhansk	106761	10447	48843	45106	2365	45
Lviv	151779	13784	57842	77415	2738	60
Mykolayiv	56189	5660	23467	25883	1179	47
Odesa	128256	17011	70329	38750	2166	54
Poltava	76219	8607	34745	31433	1434	50
Rivne	59391	5069	24285	28672	1365	52
Sumy	57970	7967	26330	22395	1278	49
Ternopil	50166	5771	22079	21402	914	46
Kharkiv	138119	12562	68694	54038	2825	50
Kherson	47378	5536	19160	21614	1068	43
Khmelnyskiy	97880	13277	40305	42659	1639	73
Cherkasy	80868	10591	34268	34427	1582	62
Chernivtsi	39500	3365	18391	16776	968	44
Chernihiv	77020	14045	34181	27691	1103	68
<b>cities</b>						
Kyiv	138552	17660	76567	40733	3592	51
Sevastopol	16514	1825	9219	5130	340	44

<sup>1</sup> Disabled children younger than 18 entitled to social benefits

**21.23. Persons declared disabled for the first time in 2007, by cause of disability**

	Thsd.		Percent		Per 10 thsd. population	
	total <sup>1</sup>	including of working age	total <sup>1</sup>	including of working age	total <sup>1</sup>	including of working age <sup>2</sup>
<b>Total</b>	<b>203,0</b>	<b>150,8</b>	<b>100,0</b>	<b>100,0</b>	<b>54</b>	<b>56</b>
due to the following diseases						
infectious and parasitic diseases	9,4	9,1	4,6	6,1	2	3
neoplasms	36,2	24,6	17,8	16,3	10	9
endocrine system, nutrition and metabolic disorders	8,6	6,1	4,2	4,1	2	2
blood and hemogenic organs and selected disorders involving the immunity	0,4	0,4	0,2	0,3	0,1	0,1
psychological and behavioural disorders	11,0	10,5	5,4	6,9	3	4
nervous system	11,0	9,7	5,4	6,4	3	4
eyes and eye adventive organ	8,2	5,1	4,0	3,4	2	2
ears and mammillary appendix	1,2	1,1	0,6	0,7	0,3	0,4
blood circulation	54,2	30,8	26,7	20,4	14	12
respiratory organs	6,4	5,2	3,2	3,4	2	2
digestion organs	5,4	5,0	2,7	3,3	1	2
urogenital system	2,8	2,4	1,4	1,6	1	1
bony and muscle systems and connective tissue	21,5	16,6	10,6	11,0	6	6
traumas, poisoning and consequences of other external reasons, other reasons	26,7	24,2	13,2	16,1	7	9

<sup>1</sup> Population aged 18 and older<sup>2</sup> All population of working age

Of total number of the injured, 6,8 thsd. persons were recognised disabled due to a work related injury or an occupational disease, of whom 5,9 thsd. ( 87,2 %) were of working age.

## HEALTH CARE AND SOCIAL AID

**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	2007	1995	2000	2005	2007	1995	2000	2005	2007
<b>Ukraine</b>	<b>261,2</b>	<b>215,2</b>	<b>212,2</b>	<b>203,0</b>	<b>71,4</b>	<b>62,6</b>	<b>64,9</b>	<b>60,6</b>	<b>65</b>	<b>54</b>	<b>56</b>	<b>54</b>
Autonomous Republic of Crimea	14,8	13,1	11,3	9,2	4,2	4,0	4,0	3,0	87	77	70	57
<b>oblasts</b>												
Vinnitsya	8,1	7,6	7,8	8,9	4,0	3,5	3,6	4,0	55	53	58	66
Volyn	6,0	4,7	4,0	4,1	2,5	1,9	1,8	1,9	74	58	50	51
Dnipropetrovsk	19,7	15,7	15,5	14,6	2,5	2,0	2,0	2,0	64	52	55	52
Donetsk	32,7	21,5	24,4	22,4	3,6	2,8	2,7	1,8	78	53	63	59
Zhytomyr	7,6	7,4	6,3	5,6	3,2	3,0	2,5	2,2	65	65	59	53
Zakarpattia	3,5	3,4	5,3	4,6	2,1	2,1	3,7	3,2	37	35	57	48
Zaporizhzhya	11,1	8,1	7,9	7,5	1,9	1,6	1,5	1,4	68	50	52	49
Ivano-Frankivsk	4,7	5,7	5,5	5,1	2,3	2,8	3,1	2,8	43	51	51	47
Kyiv	10,8	7,4	7,1	7,4	4,2	2,8	2,8	2,8	72	50	50	52
Kirovohrad	6,3	4,7	4,6	4,5	2,4	1,7	1,6	1,8	66	51	54	53
Luhansk	11,5	9,8	10,6	10,0	2,3	2,0	2,6	1,6	51	45	53	50
Lviv	15,6	13,1	11,3	11,7	4,2	4,6	4,3	4,6	74	61	56	58
Mykolayiv	5,0	5,3	6,2	5,6	1,4	1,6	2,0	1,8	48	52	63	57
Odesa	12,6	11,8	12,9	11,0	3,7	4,3	4,7	4,2	62	59	67	57
Poltava	8,9	7,7	6,6	6,5	3,5	3,1	2,6	2,6	64	57	52	52
Rivne	6,3	5,5	5,0	4,7	3,3	2,7	2,5	2,4	71	61	57	54
Sumy	7,8	5,6	3,9	4,2	2,6	1,6	1,1	1,2	70	52	39	42
Ternopil	4,0	3,5	4,9	5,3	2,0	1,7	2,8	2,9	44	38	56	60
Kharkiv	14,5	12,0	9,9	10,4	2,9	2,2	1,7	1,7	58	49	42	44
Kherson	6,0	4,6	5,0	4,4	1,8	1,5	1,9	1,5	62	48	55	49
Khmelnitskiy	6,3	6,0	5,7	6,0	2,5	2,5	2,4	2,5	53	51	52	55
Cherkasy	7,7	7,0	6,2	5,8	3,0	2,5	2,4	2,2	64	60	57	54
Chernivtsi	3,0	3,3	4,0	3,4	1,5	1,6	2,3	2,1	42	45	57	48
Chernihiv	8,9	6,4	5,7	6,2	3,7	2,4	2,2	2,3	81	61	59	66
<b>cities</b>												
Kyiv	16,1	12,5	12,5	11,8	—	—	—	—	78	58	56	52
Sevastopol	1,7	1,8	2,1	2,1	0,05	0,1	0,1	0,09	53	57	68	65

**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
Total boarding houses	274	280	275	288	314	314	316	319	320	321
in which beds, thsd.	61,9	58,1	53,0	54,0	55,1	55,8	56,5	57,1	57,9	58,1
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
for disabled children	11,3	10,2	9,2	9,0	9,0	9,0	8,9	8,8	8,8	8,6

In 2007, 910 departments for social assistance serviced 515,6 thsd. persons, and 744 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	2007	1990	1995	2000	2005	2007
<b>Ukraine</b>	<b>274</b>	<b>280</b>	<b>275</b>	<b>319</b>	<b>321</b>	<b>61883</b>	<b>58068</b>	<b>52997</b>	<b>57124</b>	<b>58100</b>
Autonomous Republic of Crimea	6	7	10	10	12	1490	1704	1802	1932	1984
<b>oblasts</b>										
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	3931
Donetsk	19	18	17	19	20	6265	5707	5185	5914	6074
Zhytomyr	13	12	12	15	15	2680	2425	2249	2644	2646
Zakarpattia	9	9	7	7	7	1721	1721	1396	1422	1312
Zaporizhzhya	12	12	11	11	11	2725	2570	2240	2390	2529
Ivano-Frankivsk	8	8	8	8	8	1610	1360	1325	1325	1290
Kyiv	7	9	9	12	11	1445	1592	1699	1982	1968
Kirovohrad	12	12	12	12	12	2341	2065	1590	1885	1900
Luhansk	14	14	14	19	19	3475	3138	2616	3268	3350
Lviv	15	13	13	13	13	2985	1966	1650	1748	1769
Mykolayiv	10	10	10	10	10	1805	1481	1417	1542	1580
Odesa	10	10	10	10	10	2301	2277	2149	2140	2158
Poltava	13	14	14	14	14	2865	2965	2600	2675	2695
Rivne	6	6	7	7	7	1370	1275	1165	1151	1185
Sumy	14	13	13	13	13	2604	2087	1957	2011	2011
Ternopil	7	7	7	7	7	1376	1276	1276	1276	1276
Kharkiv	16	16	16	18	18	3675	3675	3675	3660	3625
Kherson	6	6	6	11	11	1755	1651	1443	1650	1699
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	2101
<b>cities</b>										
Kyiv	6	7	7	7	7	2255	2507	2507	2507	2510
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 2007***(by Pension Fund)*

	Number of beneficiaries, thsd.		Average benefit, UAH
	total	including in rural areas	
<b>Total</b>	<b>666,6</b>	<b>295,6</b>	<b>43,03</b>
Pensioners, of which			
retired due to disability	77,0	38,3	59,17
survivors who lost their benefactor	1,2	0,5	33,49
entitled to social benefits	122,8	58,8	37,83
Of the total, lonely pensioners	39,8	15,6	58,30

**21.28. Cash and in-kind assistance to low-income persons incapable of working in 2007***(provided by social protection agencies, charity organisations 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	2126,7	1366,4	1294,6	661,7	×
Received assistance					
cash	588,6	261,9	329,7	159,5	148,7
in-kind	1382,7	705,4	1003,6	510,4	70,3

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
Boarding schools for orphans and children deprived of parents' guardianship								
establishments	44	45	52	53	54	54	55	53
enrolment <sup>1</sup>	12254	12090	13173	13110	12593	11954	10553	9145
Children's homes subordinated to the Ministry of Education and Science								
establishments	83	91	96	101	106	109	114	115
enrollment <sup>1</sup>	5552	5910	6116	6417	6690	6434	6119	5918
Children-orphans homes subordinated to the Ministry of Health Care								
establishments	46	47	48	48	50	48	48	48
enrollment <sup>1</sup>	4969	4775	5132	5205	5387	5200	4946	4398
Boarding houses subordinated to the Ministry of Labor and Social Policy								
establishments	58	57	56	56	56	56	56	56
enrollment <sup>1</sup>	7977	7865	7781	7856	7716	7475	7304	7158
Shelters for minors								
establishments	86	88	91	94	93	96	95	95
pupils	27773	28477	30007	28432	26194	23674	21221	20593

<sup>1</sup> The total number of children who are in boarding establishments, excluding orphans, include children that have parents

At the end of 2007, 1960 pupils resided at 300 family type children's homes, 1617 in 2561 foster homes and 5520 in 29 centers of social and psychological rehabilitation.

**21.30. Adopted orphans and children deprived of parents' guardianship**

	2000	2001	2002	2003	2004	2005	2006	2007
Adopted children	7692	7593	6925	6345	5596	5241	4318	5229
of which by								
Ukrainian citizens, persons	5492	4921	4584	4103	3515	3085	3184	3528
percent of the total adopted	71,4	64,8	66,2	64,7	62,8	58,9	73,7	67,5
foreigners, persons	2200	2672	2341	2242	2081	2156	1134	1701
percent of the total adopted	28,6	35,2	33,8	35,3	37,2	41,1	26,3	32,5
Orphans and children deprived of parents guardianship, total, end of year	...	...	...	96112	97590	97829	102912	102924



**21.31. Children who were in centers of social and psychological rehabilitation  
and shelter-care facilities for minors<sup>1</sup>**

	Children who were in centers of social and psychological rehabilitation		Children who were in shelter-care facilities for minors	
	2006	2007	2006	2007
<b>Total</b>	<b>15109</b>	<b>5520</b>	<b>21221</b>	<b>20593</b>
town-dwellers	12534	3884	12588	11683
rural dwellers	2575	1636	8633	8910
boys	10217	4054	13429	12836
girls	4892	1466	7792	7757
Have complete family	8682	3383	5083	5166
Have incomplete family	5689	1514	11142	10846
Children from families where parents evade their responsibilities	438	743	×	×
Orphans and children deprived of parents guardianship				
those at general educational institutions, family houses, vocational training schools	116	102	4200	3717
those sent to centers to settle their affairs	134	324	×	×
those who live in family-type children's homes	×	×	36	26
those who live in tutors' family or with curators	460	197	760	838
Those in centers or shelter-care facilities due to <sup>2</sup>				
difficult life circumstances	14465	4668	×	×
absence of family environment	331	409	×	×
transition from shelter-care facilities for minors	257	356	×	×
cruel behavior	56	87	×	×
vagrancy, without care, mendicancy	×	×	11735	11324
conflicts with counterparts, adults at educational institutions	×	×	1768	1604
physical abuse	×	×	195	146
mental violence	×	×	44	74
sexual violence	×	×	24	12
child's individual application	×	×	1809	1523
withdrawal from family	×	×	5018	5401
lost, found	×	×	510	389
violation of the rights to housing and property	×	×	104	65
involvement into the worst labor (porno-sex business, exploitation, etc.)	×	×	14	55
Approached centers individually	13388	4018	×	×
Got into shelter-care facilities several times	×	×	2118	1924

<sup>1</sup> Data from the Ministry of Ukraine on Families, Youth and Sport

<sup>2</sup> A child who had several reasons to be placed to center or shelter-care facility has been recorded the relevant number of times

## HEALTH CARE AND SOCIAL AID

**21.32. Subsidies to the population in 2007, 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.
<b>Ukraine</b>	<b>2120,4</b>	<b>188947,0</b>	<b>456,6</b>	<b>218603,1</b>
Autonomous Republic of Crimea	31,4	1183,0	15,6	7237,5
<b>oblasts</b>				
Vinnitsya	69,8	4920,6	71,5	41564,4
Volyn	36,1	2430,9	8,9	2938,6
Dnipropetrovsk	136,2	11880,2	7,5	3709,7
Donetsk	346,5	36500,3	16,1	7651,6
Zhytomyr	63,2	3169,5	33,8	15299,3
Zakarpattia	30,6	3194,4	11,7	5398,4
Zaporizhzhya	67,1	5414,7	12,4	5206,4
Ivano-Frankivsk	39,9	5919,1	7,5	3423,5
Kyiv	73,7	7152,5	13,2	6602,2
Kirovohrad	59,4	3521,2	28,1	14722,3
Luhansk	141,6	17055,9	6,9	3263,1
Lviv	68,7	8497,7	7,0	2709,2
Mykolayiv	32,2	1711,1	12,7	4509,8
Odesa	35,8	2388,9	18,2	7043,2
Poltava	86,9	8511,8	10,1	4942,5
Rivne	31,7	3503,6	8,6	2553,6
Sumy	106,4	8390,9	27,9	12798,2
Ternopil	46,5	3911,6	9,9	4473,1
Kharkiv	207,7	20336,4	17,0	9670,3
Kherson	41,5	2844,2	14,2	6684,3
Khmelnyskiy	65,4	5497,2	27,8	12280,2
Cherkasy	85,1	6128,6	34,2	19728,7
Chernivtsi	22,9	1373,8	13,9	6562,0
Chernihiv	86,9	6038,7	21,4	7471,7
<b>cities</b>				
Kyiv	104,6	7344,1	0,1	32,4
Sevastopol	2,6	126,1	0,4	126,9

## 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 labor 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 1913–2007**

	Theatres	Museums	Libraries	Movie demonstrators	Club-houses
1913	47	36	3153	265 <sup>1</sup>	...
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

<sup>1</sup> At the end of 1914

CULTURE, LEISURE, SPORT AND TOURISM

**22.2. Theatres, concert organizations and museums**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Total professional theatres (including drama schools), end of year	125	136	131	129	131	135	133	135	137	138
opera and ballet	7	7	6	6	7	7	7	7	7	7
drama and musical comedy	82	89	87	85	86	89	85	88	89	90
children's	36	40	38	38	38	39	41	40	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
Total concert organizations	44	53	61	61	67	71	77	78	81	79
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
Total museums (including their branches), end of year	214	314	378	386	376	394	422	437	445	458 <sup>1</sup>
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

<sup>1</sup> In 2007, of total number of museums 155 were museums of local lore, history and economy, 142 historical and archaeological, 73 museums of fine arts and 45 literary museums

At the end of 2007, the state registration kept record of 138 thsd. immovable historical and cultural monuments, 65 thsd. monuments of archeology, 51 thsd. monuments of history, 5 thsd. monuments of monumental art, 17 thsd. monuments of urban construction and architecture, 227 of garden art, 33 of landscape and 23 of science and technology.

**22.3. Libraries, movie demonstrators and cultural establishments**

	Total						Including in rural areas					
	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
Total general and universal libraries, thsd.	25,6	23,8	20,7	19,8	19,8	20,8	18,7	18,0	15,7	15,1	15,0	15,0
Library stocks, mln. copies	419	370	343	330	324	345	188	168	151	146	145	143
Movie demonstrators, thsd.	27,2	16,1	6,9	3,3	3,2	3,0	22,2	13,6	5,9	2,5	2,4	2,2
Cinema attendance per year, mln.	552	36	6	10	12	18	200	15	2	1	1	1
Club-houses, thsd.	25,1	23,0	20,4	19,1	19,0	18,9	21,0	19,8	17,7	16,8	16,8	16,7
total seats, mln.	6,5	5,9	5,4	5,0	4,9	4,8	4,8	4,6	4,3	4,0	4,0	4,0

**22.4. Cultural and arts establishments in 2007, by region**

	Theatres	Museums	Libraries		Movie demonstrators <sup>1</sup>		Club-houses	
			total	of which in rural areas	total	of which in rural areas	total	of which in rural areas
<b>Ukraine</b>	<b>138</b>	<b>458</b>	<b>20804</b>	<b>14953</b>	<b>2959</b>	<b>2213</b>	<b>18888</b>	<b>16690</b>
Autonomous Republic of Crimea	6	20	808	523	98	15	659	515
<b>oblasts</b>								
Vinnitsya	2	25	1048	887	342	311	1172	1059
Volyn	2	10	582	497	14	4	686	639
Dnipropetrovsk	13	8	861	474	127	111	636	521
Donetsk	5	23	1059	367	65	6	700	417
Zhytomyr	2	7	961	808	14	—	1102	1019
Zakarpattia	5	8	516	436	31	18	477	439
Zaporizhzhya	5	22	597	394	66	49	480	405
Ivano-Frankivsk	4	17	770	646	326	281	723	669
Kyiv	1	18	922	783	65	40	860	792
Kirovohrad	2	29	610	476	46	31	622	545
Luhansk	4	17	790	372	14	1	569	394
Lviv	11	17	1374	1153	110	88	1397	1265
Mykolayiv	3	3	534	404	28	8	553	497
Odesa	9	13	924	708	335	286	743	694
Poltava	2	29	836	706	63	40	868	803
Rivne	2	11	598	499	29	18	690	637
Sumy	2	13	616	483	10	2	655	581
Ternopil	2	18	930	826	123	109	923	870
Kharkiv	7	27	1338	649	127	106	724	631
Kherson	2	6	1038	368	130	24	455	398
Khmelnyskiy	3	18	962	834	228	205	1201	1111
Cherkasy	2	26	755	659	211	184	744	689
Chernivtsi	3	4	411	352	168	146	393	353
Chernihiv	4	28	759	635	146	123	796	730
<b>cities</b>								
Kyiv	31	37	140	—	30	—	26	—
Sevastopol	4	4	65	14	13	7	34	17

<sup>1</sup> In 2007, based on data from the Ministry of Culture and Tourism of Ukraine, of the total number of demonstrators only 1312 demonstrators functioned: 572 in urban areas and 740 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	2007	1990	1995	2000	2007	1990	1995	2000	2007
<b>Ukraine</b>	<b>806</b>	<b>715</b>	<b>693</b>	<b>743</b>	<b>11</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>10</b>
Autonomous Republic of Crimea	725	654	658	649	14	5	1	2	13	9	10	10
<b>oblasts</b>												
Vinnitsya	1107	1082	1057	1056	16	10	11	8	22	21	21	21
Volyn	897	795	718	670	14	10	2	1	19	16	14	14
Dnipropetrovsk	657	582	557	733	7	2	1	1	8	7	6	5
Donetsk	587	543	533	664	7	3	1	0,5	6	6	5	5
Zhytomyr	945	864	841	844	14	11	4	0,4	21	20	19	19
Zakarpattia	781	678	591	585	9	6	5	0,5	13	11	10	8
Zaporizhzhya	666	583	551	557	12	7	2	1	11	9	9	8
Ivano-Frankivsk	830	687	667	648	10	7	7	5	13	12	12	12
Kyiv	760	690	654	627	11	7	4	1	13	13	12	12
Kirovohrad	987	890	860	867	16	12	2	1	19	18	18	18
Luhansk	580	521	481	639	8	4	0,4	0,2	7	7	6	6
Lviv	789	598	548	571	9	6	2	0,4	11	10	10	9
Mykolayiv	882	836	801	809	13	3	2	0,1	15	13	13	13
Odesa	975	838	842	883	9	7	6	6	10	11	10	8
Poltava	922	840	821	815	16	13	8	1	17	17	17	16
Rivne	956	806	769	1055	12	7	4	0,4	15	14	13	12
Sumy	931	829	785	763	14	7	3	0,2	17	16	16	15
Ternopil	1030	778	744	747	14	13	4	2	20	19	18	18
Kharkiv	903	757	822	1016	7	5	1	2	9	8	7	7
Kherson	728	652	644	706	15	10	8	2	15	14	12	11
Khmelnyskiy	1073	1047	1024	901	16	13	6	5	24	23	23	23
Cherkasy	1012	903	952	1120	17	13	11	5	19	18	18	18
Chernivtsi	912	786	734	696	11	9	8	5	14	12	12	11
Chernihiv	935	914	922	956	15	13	9	3	18	18	17	18
<b>cities</b>												
Kyiv	566	497	418	371	2	1	1	0,4	2	1	0,4	0,5
Sevastopol	...	...	609	521	...	...	2	1	...	...	3	3

CULTURE, LEISURE, SPORT AND TOURISM

**22.6. Attendance at cultural and arts establishments, by region**

(per 100 population)

	Museums				Theatres				Concert organizations				Cinema performances			
	1990	1995	2000	2007	1990	1995	2000	2007	1990	1995	2000	2007	1990	1995	2000	2007
<b>Ukraine</b>	<b>61</b>	<b>34</b>	<b>32</b>	<b>45</b>	<b>34</b>	<b>16</b>	<b>11</b>	<b>14</b>	<b>29</b>	<b>14</b>	<b>8</b>	<b>9</b>	<b>1064</b>	<b>69</b>	<b>12</b>	<b>39</b>
Autonomous Republic of Crimea	308	89	90	147	33	21	14	21	69	22	16	15	1537	40	13	25
<b>oblasts</b>																
Vinnitsya	31	19	31	39	20	9	8	9	21	8	7	8	1083	83	15	27
Volyn	21	15	8	11	28	19	13	14	33	17	9	10	1088	65	4	4
Dnipropetrovsk	29	22	21	21	34	16	9	15	16	6	1	2	989	26	2	46
Donetsk	16	15	15	18	17	10	9	11	16	28	18	17	835	157	6	31
Zhytomyr	15	9	7	14	25	19	8	8	19	11	3	10	1148	128	14	18
Zakarpattia	28	14	13	22	37	24	16	12	12	10	7	12	1054	38	5	6
Zaporizhzhya	25	28	23	33	25	11	5	8	33	19	10	3	1155	33	9	14
Ivano-Frankivsk	44	14	22	32	17	7	9	7	22	6	1	3	1023	46	4	17
Kyiv	28	20	14	22	7	2	0,3	2	59	3	5	1	842	54	11	25
Kirovohrad	9	9	9	18	28	18	10	9	22	14	11	11	1263	75	11	11
Luhansk	33	25	19	26	20	7	7	9	31	10	3	2	850	35	3	7
Lviv	81	41	39	58	72	22	13	17	16	6	5	12	1011	48	6	5
Mykolayiv	26	24	24	24	39	30	20	19	22	9	4	4	1060	29	9	27
Odesa	78	44	31	37	52	29	18	19	26	6	6	9	1054	70	25	16
Poltava	61	47	43	50	21	8	5	7	23	2	7	3	1235	118	15	12
Rivne	33	21	11	21	34	11	8	10	31	6	4	6	1259	65	7	15
Sumy	16	9	7	14	26	8	14	9	18	7	1	4	1174	65	12	12
Ternopil	47	36	36	40	21	11	7	8	26	5	1	5	1168	90	16	17
Kharkiv	21	11	17	35	27	13	11	15	21	12	3	3	776	55	18	39
Kherson	21	22	24	30	25	20	14	12	37	97	4	3	1452	50	20	9
Khmelnyskiy	27	10	14	31	21	15	7	10	11	13	2	9	1124	70	20	27
Cherkasy	46	50	47	58	23	14	8	6	19	7	5	13	1352	56	15	18
Chernivtsi	18	28	29	30	31	16	5	8	48	16	11	9	1097	133	34	40
Chernihiv	46	64	39	64	30	16	11	17	23	11	2	14	1072	112	12	11
<b>cities</b>																
Kyiv	308	139	132	156	126	40	36	51	80	18	29	31	1082	29	21	324
Sevastopol	...	...	163	294	...	...	29	31	...	...	4	4	...	97	67	26



CULTURE, LEISURE, SPORT AND TOURISM

## 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	2006/07	2007/08	1990/91	1995/96	2000/01	2005/06	2006/07	2007/08
Children's music schools	1204	1201	1036	966	954	938	295,2	285,9	194,1	185,4	186,5	184,3
Special secondary music schools	4	5	4	4	4	5	1,8	2,0	1,7	1,7	1,7	2,1
Children's arts schools	110	244	307	370	377	389	32,2	74,8	77,6	101,7	105,1	111,1
Children's painting schools	126	138	130	124	125	125	20,0	22,4	18,5	20,1	21,4	22,0
Secondary painting schools	2	1	1	2	2	2	0,7	0,6	0,5	0,6	0,6	0,8
Children's choreographic schools	5	10	9	12	12	10	1,6	2,0	1,9	2,3	2,3	2,0
Children's choral singing schools	1	6	6	6	6	9	0,1	1,1	0,9	0,9	0,9	1,7
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
<b>Books</b>										
Total books (published items)	7046	6109	7749	10614	12444	13805	14790	15720	15867	17987
Number of copies, mln.	170	68	44	50	48	39	53	54	54	56
of which in Ukrainian	95	32	29	29	30	24	36	33	30	29
<b>Magazines</b>										
Total magazines and other periodicals	185	604	1245	1653	1923	2246	2385	2182	2301	2420
Annual circulation, mln. copies	166	24	52	60	84	130	124	132	138	237
of which in Ukrainian	150	17	12	17	26	24	35	25	24	29
<b>Newspapers</b>										
Total newspapers	1787	1877	2667	2727	3045	2891	3014	2974	2918	2885
One-off circulation, mln. copies	25	21	48	53	87	75	88	80	90	61
of which in Ukrainian	17	10	13	18	32	23	29	25	31	22
Annual circulation, mln. copies	4652	1630	3459	3632	4860	4347	4508	4960	4235	3665

## 22.9. Exhibition activity

	2005	2006	2007
Actions carried out	1094	1107	1088
including			
exhibitions	572	566	593
fairs	522	541	495
Total built-up area of fairs, thsd. sq. m	1231	1540	1476
Total display area of exhibition centers, thsd. sq. m	203	210	169
Participants in exhibition actions	66376	74082	74937
of which foreigners	3571	3862	4684
Visitors of exhibition actions, thsd.	9834	11891	11006

**22.10. Local television and radio programmes of state broadcasting companies in 2007,  
by region**

	Television			Radio <sup>1</sup>		
	average daily telecasting, hours	of which, percent		average daily broadcasting, hours	of which, percent	
		in Ukrainian	in Russian		in Ukrainian	in Russian
<b>Ukraine</b>	<b>519,14</b>	<b>93,7</b>	<b>5,9</b>	<b>432,99</b>	<b>94,5</b>	<b>1,7</b>
Autonomous Republic of Crimea	14,00	52,9	40,7	3,00	26,7	50,0
<b>oblasts</b>						
Vinnitsya	20,00	100,0	—	15,83	100,0	—
Volyn	17,60	100,0	—	19,56	100,0	—
Dnipropetrovsk	16,60	100,0	—	20,63	100,0	—
Donetsk	10,00	100,0	—	25,40	100,0	—
Zhytomyr	19,03	99,8	—	24,66	99,8	—
Zakarpattia	20,50	100,0	—	12,30	92,7	—
Zaporizhzhya	22,70	100,0	—	24,52	100,0	—
Ivano-Frankivsk	—	—	—	1,60	100,0	—
Kyiv	18,11	100,0	—	19,64	100,0	—
Kirovohrad	21,00	100,0	—	1,84	100,0	—
Luhansk	15,04	74,7	25,3	20,33	100,0	—
Lviv	10,24	100,0	—	2,07	100,0	—
Mykolayiv	15,50	100,0	—	16,10	100,0	—
Odesa	20,00	80,0	17,8	4,38	72,6	4,6
Poltava	17,00	94,1	5,9	25,26	95,0	5,0
Rivne	18,00	100,0	—	18,00	100,0	—
Sumy	16,78	99,8	0,2	1,89	100,0	—
Ternopil	14,00	100,0	—	6,57	100,0	—
Kharkiv	12,26	97,3	2,7	9,83	100,0	—
Kherson	21,60	93,1	6,9	17,14	100,0	—
Khmelnyskiy	13,10	98,1	1,9	21,64	86,1	13,9
Cherkasy	22,00	90,0	10,0	13,25	95,0	5,0
Chernivtsi	7,92	88,4	—	11,47	88,9	—
Chernihiv	32,00	93,8	6,3	1,72	100,0	—
<b>cities</b>						
Kyiv (National TV and Radio Company) <sup>2</sup>	92,75	96,7	3,3	92,40	86,5	—
Sevastopol	12,04	40,0	57,6	1,96	54,5	44,9

<sup>1</sup> Excluding city (rayon) broadcasting<sup>2</sup> Including broadcasting for other regions

Except 62,7 hours intrastate broadcasting, the National Telecasting and Broadcasting Company also produced programmes mainly in Ukrainian (60,7 %) for foreign countries (31,8 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 facilities<sup>1</sup>**

	1990	1995	2000 <sup>2</sup>	2001/ 02 <sup>2</sup>	2002/ 03 <sup>2</sup>	2003/ 04 <sup>2</sup>	2004/ 05 <sup>2</sup>	2005/ 06 <sup>2</sup>	2006/ 07 <sup>2</sup>
<b>Total</b>	<b>3841</b>	<b>3417</b>	<b>3327</b>	<b>3242</b>	<b>3260</b>	<b>3268</b>	<b>3245</b>	<b>3164</b>	<b>3110</b>
Sanatoria	473	489	480	474	469	472	465	468	471
including children's sanatoria	194	199	185	183	180	177	173	171	171
Boarding houses providing medical treatment	32	62	69	70	67	59	59	52	52
Dispensaries	556	517	377	334	325	311	291	277	269
Rest homes and guest houses	332	294	266	290	292	302	321	301	302
Recreation centers and other rest facilities	2213	1862	2037	2010	2042	2068	2052	2012	1969
Establishments for 1–2 day stay	235	193	98	64	65	56	57	54	47
<b>Beds<sup>3</sup>, thsd.</b>	<b>646</b>	<b>562</b>	<b>502</b>	<b>493</b>	<b>489</b>	<b>481</b>	<b>482</b>	<b>482</b>	<b>466</b>
Sanatoria	149	145	136	135	132	133	131	136	131
including children's sanatoria	39	37	35	38	37	36	34	34	33
Boarding houses providing medical treatment	6	14	15	16	16	14	14	12	12
Dispensaries	55	43	31	28	27	25	23	23	21
Rest homes and guest houses	115	83	63	63	62	62	65	63	64
Recreation centers and other rest facilities	302	263	247	245	247	242	244	243	234
Establishments for 1–2 day stay	19	14	10	6	5	5	5	5	4
<b>Persons who improved their health<sup>4</sup>, thsd.</b>	<b>6394</b>	<b>3515</b>	<b>2870</b>	<b>3120</b>	<b>3148</b>	<b>3176</b>	<b>3267</b>	<b>3278</b>	<b>3486</b>
Sanatoria	1616	1223	1105	1245	1264	1316	1299	1321	1419
including children's sanatoria	206	236	221	254	262	272	274	276	274
Boarding houses providing medical treatment	89	102	114	122	129	119	129	117	131
Dispensaries	821	511	274	242	276	241	244	236	236
Rest homes and guest houses	1324	431	276	331	360	380	385	368	410
Recreation centers and other rest facilities	2305	1175	1063	1160	1101	1104	1186	1211	1273
Establishments for 1–2 day stay	239	73	38	20	18	16	24	25	17

<sup>1</sup> 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.

<sup>2</sup> The total includes establishments which did not function for various reasons and beds registered there

<sup>3</sup> Maximum use month

<sup>4</sup> 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 region<sup>1</sup>**

	Sanatoria and rest establishments providing medical treatment						Rest homes and guest houses					
	total (2006/ 07)	total beds					total (2006/ 07)	total beds				
		1990	1995	2000	2005/06	2006/07		1990	1995	2000	2005/06	2006/07
<b>Ukraine</b>	<b>523</b>	<b>154484</b>	<b>158507</b>	<b>150554</b>	<b>148229</b>	<b>143069</b>	<b>302</b>	<b>114980</b>	<b>83282</b>	<b>62923</b>	<b>63372</b>	<b>63583</b>
Autonomous Republic of Crimea	140	56330	60220	56981	53844	54992	131	43028	37339	27590	28938	29946
<b>oblasts</b>												
Vinnitsya	21	5391	5993	5246	5171	5085	1	1459	570	—	200	200
Volyn	7	1271	1331	1482	2029	1998	—	39	39	39	44	—
Dnipro-petrovsk	20	3365	2742	2742	2509	2509	4	3285	2000	1140	1150	950
Donetsk	19	6972	6197	4200	4239	3981	50	17226	14824	9475	11535	11118
Zhytomyr	6	1010	1820	2750	1620	1587	—	818	—	—	—	—
Zakarpattya	23	4509	4307	3564	3763	4131	1	424	170	200	—	60
Zaporizhzhya	16	6424	5725	5169	4864	4635	7	2622	2236	1812	1322	945
Ivano-Frankivsk	14	2260	2134	2743	2279	2201	3	517	451	145	220	174
Kyiv	14	3806	3302	3004	2851	2591	3	1464	540	748	188	188
Kirovohrad	3	785	680	630	310	360	1	350	70	450	450	450
Luhansk	12	1552	2157	1207	1613	1215	—	3312	527	60	—	—
Lviv	64	20149	20437	19807	21157	16424	8	307	24	340	392	387
Mykolayiv	11	1190	1930	2374	3958	3967	20	10862	4492	6791	4471	4567
Odesa	37	16230	17233	15053	14545	14823	12	7236	2646	2023	2074	1955
Poltava	14	4670	4941	4462	3920	3917	2	251	177	177	385	385
Rivne	9	655	859	1324	1378	1284	—	—	37	—	—	—
Sumy	3	712	580	535	460	460	—	1059	660	—	—	—
Ternopil	10	1250	1300	1729	1796	1745	—	212	—	—	—	—
Kharkiv	15	4901	4082	3714	3282	3244	2	3360	1253	1705	1406	606
Kherson	12	1381	1197	2119	2763	2720	48	12440	12289	8482	9423	10329
Khmelnyskiy	12	1629	1557	1610	1673	1643	—	265	100	—	—	—
Cherkasy	10	2420	2325	2300	2604	1986	—	537	198	—	—	—
Chernivtsi	6	910	785	897	897	897	—	260	220	—	—	—
Chernihiv	7	895	1426	1759	1325	1325	1	1022	585	336	100	100
<b>cities</b>												
Kyiv	15	2867	2897	2598	3135	3105	3	1070	910	650	450	500
Sevastopol	3	950	350	555	244	244	5	1555	925	760	624	723

<sup>1</sup> See the first footnote to Table 22.11

**22.13. Health camps for children in 2007, 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	
<b>Ukraine</b>	<b>18363</b>	<b>702</b>	<b>225,7</b>	<b>184,2</b>	<b>2043,6</b>	<b>524,9</b>	<b>40</b>
Autonomous Republic of Crimea	638	82	33,3	26,4	149,9	89,3	30
<b>oblasts</b>							
Vinnitsya	729	20	6,0	5,2	81,8	13,3	42
Volyn	575	16	3,9	2,5	52,8	8,8	40
Dnipropetrovsk	864	27	11,9	7,7	108,9	18,1	44
Donetsk	938	82	29,5	26,8	129,4	72,9	32
Zhytomyr	662	12	2,8	2,4	56,0	6,9	37
Zakarpattia	552	18	6,5	2,5	89,0	9,7	50
Zaporizhzhya	350	54	18,2	16,5	75,8	50,3	27
Ivano-Frankivsk	915	4	4,4	0,9	91,8	3,4	49
Kyiv	402	15	4,3	3,2	41,8	11,5	26
Kirovohrad	537	7	3,3	1,8	45,2	5,9	41
Luhansk	903	41	14,1	12,6	78,1	27,4	38
Lviv	880	19	3,5	2,7	98,3	7,8	34
Mykolayiv	555	20	6,1	5,1	47,8	10,3	32
Odesa	1190	48	15,4	14,4	154,2	37,5	53
Poltava	1042	27	6,4	5,7	60,1	16,4	40
Rivne	472	3	2,1	0,6	48,6	1,9	30
Sumy	790	26	5,9	5,5	57,7	14,6	47
Ternopil	611	12	2,5	1,9	53,5	5,1	39
Kharkiv	949	39	9,3	8,0	117,8	18,8	51
Kherson	644	55	17,4	17,4	101,2	57,0	42
Khmelnyskiy	867	14	2,7	1,9	99,2	5,1	64
Cherkasy	1021	12	4,1	2,2	65,5	6,3	47
Chernivtsi	402	12	3,8	3,1	60,2	8,5	52
Chernihiv	563	23	4,0	3,6	41,2	6,5	39
<b>cities</b>							
Kyiv	226	4	1,6	0,9	20,5	2,7	27
Sevastopol	86	10	2,7	2,7	17,3	8,9	37

Additionally, in health and resort establishment of Ukraine, particularly in all-year children's health camps in 2007, 799,2 thsd. children improved their health, of which in summer – 554,4 thsd.

**22.14. Sports school for children, by region***(end of 2007)*

	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
<b>Ukraine</b>	<b>1434</b>	<b>643448</b>	<b>254</b>	<b>82721</b>	<b>35</b>	<b>3688</b>
Autonomous Republic of Crimea	46	21081	9	1624	1	149
<b>oblasts</b>						
Vinnytsya	56	25583	6	2020	1	93
Volyn	40	19302	3	609	1	115
Dnipropetrovsk	100	46715	20	8101	1	307
Donetsk	107	52494	25	11223	1	253
Zhytomyr	51	17401	2	928	1	63
Zakarpattia	30	17977	3	1012	1	123
Zaporizhzhya	52	17901	15	4562	1	148
Ivano-Frankivsk	46	23907	7	1932	1	71
Kyiv	68	30087	4	923	2	168
Kirovohrad	39	16815	2	731	1	49
Luhansk	56	28524	17	6392	1	179
Lviv	81	29621	18	3600	2	245
Mykolayiv	44	16788	17	4314	1	83
Odesa	60	28852	11	3872	1	84
Poltava	55	19248	5	1849	1	123
Rivne	50	20825	3	1044	1	97
Sumy	49	18562	4	1062	1	86
Ternopil	35	12408	5	1053	1	65
Kharkiv	90	59484	12	3775	2	402
Kherson	44	16037	6	1921	1	87
Khmelnyskiy	55	24749	2	797	1	82
Cherkasy	46	17168	1	423	1	69
Chernivtsi	36	16930	2	242	1	72
Chernihiv	46	16198	7	2008	2	116
<b>cities</b>						
Kyiv	41	23437	45	15638	5	310
Sevastopol	11	5354	3	1066	1	49

CULTURE, LEISURE, SPORT AND TOURISM

**22.15. Sports facilities**

(end of year)

	2000	2001	2002	2003	2004	2005	2006	2007
Stadiums with stands for 1500 seats	1128	1138	1152	1151	1155	1147	1131	1118
Sports grounds	35674	36491	37078	39466	40021	39977	40232	40303
including tennis-courts	845	984	1085	1137	1180	1205	1227	1245
Football grounds	9910	10316	10706	10722	10996	11248	11331	11433
Ski lodges per 100 pair of skis and more	122	131	124	115	111	103	105	99
Shooting range, covered and semi-covered,								
at least 25 m long	7598	7464	7197	6783	6653	6538	6376	5917
Swimming pools	509	511	508	504	506	510	510	512
of which								
50 m long	50	49	49	47	46	44	46	...
covered	419	429	431	428	430	436	436	...
including								
50 m long	26	24	24	24	24	24	26	...
Gymnasiums with 62 sq. m space	17032	17117	17127	17067	17136	17189	17240	17215
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	...
Grounds (gymnastics) equipped with simulators	11300	11310	11330	11145	11242	11286	11642	11761
Premises for physical training and health improving sessions	13139	13814	14323	14730	14910	15180	15494	15572
of which equipped with simulators	4315	4668	4998	5173	5349	5494	5657	...
Jump skis	19	19	20	21	22	22	20	20
of which for freestyle	3	3	3	3	5	5	5	...
Horse riding sports centers	29	28	29	32	32	33	37	47
Cycle tracks	4	4	4	4	4	4	4	4
Facilities with manufactured ice	10	11	12	11	11	13	24	42
of which with field area of 30×61 m	8	8	8	8	8	10	14	...

**22.16. Tourist flows**

(thsd.)

	2000	2001	2002	2003	2004	2005	2006	2007
Ukraine's citizens who traveled abroad <sup>1</sup>	13422	14849	14729	14795	15488	16454	16875	17335
Foreign citizens who visited Ukraine <sup>1</sup>	6431	9174	10517	12514	15629	17631	18936	23122
Tourists attended by Ukraine's tourism entities <sup>2</sup>	2014	2175	2265	2857	1890	1826	2206	2864
including								
foreign tourists	378	416	418	591	436	327	299	373
tourists (Ukraine's citizens) who traveled abroad	285	271	302	344	442	567	868	336
inland tourists	1351	1488	1545	1922	1012	932	1039	2155
The number of sightseers <sup>2</sup>	1644	1874	1992	2691	1502	1705	1769	2393

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

<sup>2</sup> Based on data from the State Service of Tourism and Spas of Ukraine

In 2007, the most popular spots for Ukraine's citizens were Russia, Poland, Belarus, Moldova, Hungary, Rumania, Turkey, Slovakia, Egypt and Germany.

Among foreigners who visited our country, Russian, Polish, Moldovan, Belorussian, Hungarian, Rumanian, Slovak, German, USA and Turkey citizens outnumbered those from other countries.

## CULTURE, LEISURE, SPORT AND TOURISM

**22.17. 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	2006	2007 <sup>1</sup>	2000	2005	2006	2007	2000	2005	2006	2007
<b>Ukraine</b>	<b>1308</b>	<b>1232</b>	<b>1269</b>	<b>1420</b>	<b>51012</b>	<b>51686</b>	<b>53645</b>	<b>62165</b>	<b>949,1</b>	<b>1072,4</b>	<b>1120,2</b>	<b>1313,6</b>
Autonomous Republic of Crimea	89	79	82	83	5570	5992	6474	6787	99,0	115,7	130,0	133,5
<b>oblasts</b>												
Vinnitsya	32	25	24	23	1166	784	809	780	22,3	15,9	16,1	15,6
Volyn	32	26	27	28	1137	996	1010	1122	20,9	18,2	18,8	19,5
Dnipropetrovsk	84	106	106	107	2941	4323	4189	4209	57,9	98,6	99,8	97,2
Donetsk	73	69	70	70	3240	3154	3289	3350	57,0	67,6	69,1	70,4
Zhytomyr	37	31	34	42	1155	950	983	1290	23,3	22,4	24,4	32,9
Zakarpattia	39	38	39	45	1395	1462	1651	1821	23,4	27,8	31,6	38,3
Zaporizhzhya	59	40	35	32	1823	1520	1461	1455	28,9	24,3	23,7	26,7
Ivano-Frankivsk	34	33	37	34	1188	1142	1290	1496	19,9	20,7	25,9	27,1
Kyiv	46	39	38	35	1369	1331	1311	1186	22,1	21,0	19,0	18,5
Kirovohrad	21	17	18	16	520	578	645	631	10,1	8,2	9,1	9,0
Luhansk	43	56	79	83	1851	1866	2012	2134	30,4	38,1	41,9	43,6
Lviv	55	100	110	128	2526	3927	4306	4463	40,9	77,1	84,2	91,2
Mykolayiv	44	30	27	84	1143	702	669	4303	20,8	14,8	13,7	78,1
Odesa	96	79	76	80	3674	3262	3273	3701	75,7	75,3	76,0	84,5
Poltava	65	45	45	43	1647	1234	1270	1262	27,4	23,4	24,3	25,1
Rivne	23	22	22	23	1018	1200	1196	1241	15,9	22,4	22,3	23,8
Sumy	46	44	42	39	898	842	824	1060	18,3	17,9	17,2	21,1
Ternopil	27	29	29	37	1187	1094	1123	1283	27,3	28,0	27,3	31,4
Kharkiv	76	51	48	48	2328	1905	1895	1856	49,1	44,0	44,5	46,7
Kherson	47	34	32	38	1247	995	989	1686	24,8	21,9	20,3	32,7
Khmelnyskiy	30	22	22	27	763	728	726	972	15,0	12,6	14,2	18,9
Cherkasy	36	36	33	53	1215	1092	1002	1589	21,1	20,9	19,5	31,4
Chernivtsi	18	12	17	27	943	785	1041	1370	13,8	11,6	21,6	33,1
Chernihiv	52	51	50	62	822	927	946	1287	13,3	16,0	16,6	32,9
<b>cities</b>												
Kyiv	95	109	117	123	7637	8246	8627	9186	157,3	192,5	196,8	217,6
Sevastopol	9	9	10	10	609	649	634	645	13,2	15,5	12,3	12,8

<sup>1</sup> Including other establishments for short-term stay that are available seasonally



**22.18. 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	2006	2007	2000	2006	2007	2000	2006	2007	2000	2006	2007
<b>Ukraine</b>	<b>251</b>	<b>292</b>	<b>315</b>	<b>515</b>	<b>668</b>	<b>742</b>	<b>302</b>	<b>520</b>	<b>621</b>	<b>94</b>	<b>86</b>	<b>112</b>
Autonomous Republic of Crimea	10	20	24	44	91	98	35	65	78	10	10	20
<b>oblasts</b>												
Vinnitsya	6	7	5	17	12	10	9	11	7	3	2	4
Volyn	9	10	9	13	16	18	9	12	12	1	1	1
Dnipropetrovsk	11	13	13	16	41	41	24	50	48	1	6	5
Donetsk	15	20	21	37	51	52	16	47	44	—	3	3
Zhytomyr	8	10	11	9	13	14	4	5	11	1	2	5
Zakarpattia	3	13	18	29	36	49	13	24	40	4	2	3
Zaporizhzhya	6	8	9	12	10	13	11	11	13	—	—	—
Ivano-Frankivsk	6	10	10	15	21	21	7	21	20	2	2	2
Kyiv	6	8	7	13	14	12	8	13	13	2	2	2
Kirovohrad	6	5	4	11	9	8	6	8	8	8	2	3
Luhansk	5	6	8	14	5	5	8	4	6	2	—	—
Lviv	17	30	28	42	72	81	21	47	58	2	8	9
Mykolayiv	8	5	10	17	9	18	6	2	10	5	2	3
Odesa	18	17	19	38	42	42	17	29	32	12	7	8
Poltava	10	11	13	12	12	10	11	15	18	1	1	1
Rivne	8	6	4	9	7	6	4	6	6	2	3	3
Sumy	5	6	6	13	12	16	10	14	18	5	4	4
Ternopil	5	10	9	14	17	18	3	15	21	1	3	5
Kharkiv	11	13	17	19	22	26	10	14	18	3	1	1
Kherson	6	4	6	9	8	11	11	11	14	1	2	2
Khmelnyskiy	6	8	9	5	7	12	3	3	4	1	1	1
Cherkasy	11	9	9	14	16	18	14	17	19	4	3	3
Chernivtsi	5	8	7	10	12	16	4	10	21	2	2	5
Chernihiv	11	7	6	6	5	7	9	14	23	6	—	1
<b>cities</b>												
Kyiv	36	26	31	69	93	105	27	48	55	14	15	15
Sevastopol	3	2	2	8	15	15	2	4	4	1	2	3

**22.19. Capacities of hotels and other places for short-term stay, by region**

	One-off capacity, beds				Total guests registered, thsd.				Ratio of use <sup>1</sup>			
	2000	2005	2006	2007	2000	2005	2006	2007	2000	2005	2006	2007
<b>Ukraine</b>	<b>102906</b>	<b>106048</b>	<b>110669</b>	<b>135199</b>	<b>3287,4</b>	<b>3938,2</b>	<b>4196,2</b>	<b>4560,2</b>	<b>0,24</b>	<b>0,33</b>	<b>0,31</b>	<b>0,29</b>
Autonomous Republic of Crimea	11329	12735	13567	14012	204,5	256,6	282,5	340,8	0,28	0,35	0,30	0,26
<b>oblasts</b>												
Vinnitsya	2464	1519	1596	1553	67,5	56,9	69,7	76,4	0,17	0,36	0,37	0,37
Volyn	2378	1961	1948	2075	92,6	89,6	90,3	122,4	0,21	0,27	0,28	0,57
Dnipropetrovsk	6025	11658	11194	10924	194,9	270,3	231,1	242,1	0,21	0,24	0,20	0,27
Donetsk	5910	5457	5718	5805	154,9	180,6	211,9	207,1	0,22	0,22	0,24	0,23
Zhytomyr	2312	1752	1864	3627	59,8	75,0	90,0	92,2	0,11	0,23	0,26	0,20
Zakarpattia	2839	3152	3496	3801	84,3	99,2	121,0	127,0	0,19	0,34	0,29	0,28
Zaporizhzhya	3554	2696	2510	2427	148,9	122,2	108,0	106,0	0,32	0,30	0,33	0,36
Ivano-Frankivsk	2305	2092	2444	2899	58,2	72,7	68,4	68,5	0,17	0,23	0,19	0,18
Kyiv	2693	2447	2391	2233	97,5	121,7	121,5	141,4	0,20	0,23	0,25	0,38
Kirovohrad	970	1066	1152	1134	31,6	42,3	36,3	37,9	0,18	0,36	0,23	0,23
Luhansk	3297	3807	4553	4722	47,7	75,4	93,3	86,2	0,09	0,20	0,19	0,20
Lviv	4893	8701	9438	9780	164,3	237,3	278,2	303,2	0,19	0,18	0,18	0,21
Mykolayiv	2490	1486	1405	11235	40,1	74,7	65,1	117,5	0,09	0,29	0,35	0,17
Odesa	8161	6619	6611	7425	243,1	289,8	295,5	298,5	0,20	0,28	0,29	0,27
Poltava	3421	2571	2686	2632	125,3	83,7	87,8	90,6	0,24	0,31	0,25	0,28
Rivne	1833	2519	2503	2675	66,4	90,7	96,0	89,9	0,19	0,35	0,32	0,21
Sumy	2372	2054	1955	2446	59,5	67,2	70,2	66,1	0,16	0,25	0,31	0,21
Ternopil	2478	3082	3061	4298	51,6	72,6	67,7	71,3	0,13	0,31	0,29	0,23
Kharkiv	4859	3467	3463	3360	143,2	160,2	168,7	191,7	0,18	0,24	0,29	0,32
Kherson	2817	2186	2121	4590	64,0	48,2	44,4	57,3	0,19	0,13	0,13	0,20
Khmelnyskiy	1578	1352	1388	1750	46,8	80,9	80,8	104,5	0,18	0,28	0,25	0,37
Cherkasy	2491	2139	1921	3960	73,8	119,9	110,7	105,7	0,20	0,25	0,32	0,17
Chernivtsi	1793	1398	2665	4678	52,9	50,9	60,1	64,4	0,21	0,20	0,20	0,17
Chernihiv	1887	2095	2143	3486	56,2	91,4	96,5	111,7	0,18	0,38	0,38	0,30
<b>cities</b>												
Kyiv	14478	14757	15589	16377	810,2	974,1	1112,4	1195,8	0,40	0,68	0,63	0,64
Sevastopol	1279	1280	1287	1295	47,6	34,1	38,1	44,0	0,78	0,23	0,38	0,40

<sup>1</sup> 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, labor, 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
<b>Total registered cases<sup>1</sup></b>	<b>369,8</b>	<b>641,9</b>	<b>567,8</b>	<b>514,6</b>	<b>460,4</b>	<b>566,4</b>	<b>527,8</b>	<b>491,8</b>	<b>428,1</b>	<b>408,2</b>
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
premeditated severe injuries	6,7	8,8	6,9	6,1	6,0	6,3	5,9	5,7	5,3	5,5
rapes and attempted rapes	2,7	1,9	1,2	1,1	1,0	1,0	1,0	0,9	1,0	0,9
hooliganism	18,8	37,1	23,4	17,7	14,0	20,1	15,9	15,0	13,4	12,1
violent crime	3,1	5,3	5,6	5,7	5,2	5,7	5,5	6,7	6,5	5,7
robberies	17,8	32,1	23,0	23,3	21,1	36,5	40,8	47,1	41,7	32,3
extortion	1,5	3,6	2,7	2,1	2,1	1,9	1,3	1,2	0,9	0,7

<sup>1</sup> For 1990 and 1995, by offices of home affairs, including transport police; for 2000–2007, including tax police

Out of crimes registered by the law enforcement agencies and tax police in 2007, 154,0 thsd. were grave and very grave offences.

**23.2. Registered crimes, by region**

(thsd.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine<sup>1</sup></b>	<b>369,8</b>	<b>641,9</b>	<b>567,8</b>	<b>514,6</b>	<b>460,4</b>	<b>566,4</b>	<b>527,8</b>	<b>491,8</b>	<b>428,1</b>	<b>408,2</b>
Autonomous Republic of Crimea	23,6	34,4	30,2	27,4	22,8	26,7	26,3	23,8	18,8	20,8
<b>oblasts</b>										
Vinnitsya	8,6	14,6	14,0	13,6	13,0	14,9	15,0	12,5	11,4	10,6
Volyn	4,5	7,6	7,7	7,3	6,8	8,9	8,3	8,6	8,2	8,3
Dnipropetrovsk	41,7	81,4	65,6	60,6	51,5	55,5	53,9	46,5	38,1	36,0
Donetsk	44,2	62,7	54,7	51,7	46,8	60,3	59,3	58,2	52,2	49,5
Zhytomyr	8,3	15,4	15,8	12,1	10,7	13,9	11,8	10,0	8,7	7,9
Zakarpattia	3,5	7,6	6,7	7,0	6,7	6,7	6,7	6,6	5,6	5,2
Zaporizhzhya	17,3	32,4	32,6	27,9	24,9	32,6	30,7	28,4	25,8	27,4
Ivano-Frankivsk	4,6	9,1	8,9	7,9	7,9	8,9	7,8	7,5	6,4	5,8
Kyiv	10,2	17,2	15,8	14,9	13,0	16,1	14,9	13,5	12,3	12,1
Kirovohrad	8,5	12,9	12,8	11,6	10,0	11,4	10,2	9,6	7,8	7,1
Luhansk	25,9	50,6	39,3	36,7	31,5	41,6	42,0	35,3	29,7	28,2
Lviv	14,9	26,0	22,1	19,2	18,6	19,9	19,4	18,7	16,9	15,4
Mykolayiv	11,3	20,4	17,9	15,0	12,8	15,5	14,4	14,2	12,5	11,3
Odesa	23,1	34,1	26,9	23,8	22,9	30,0	26,0	23,5	21,2	20,0
Poltava	10,0	18,8	17,7	16,1	14,9	19,1	18,3	17,9	15,3	14,7
Rivne	4,1	7,1	7,7	6,9	6,9	9,0	7,6	7,7	6,3	5,9
Sumy	6,8	15,0	14,4	13,7	12,1	13,8	12,0	11,3	9,7	9,2
Ternopil	3,5	6,8	6,4	6,0	5,5	6,2	6,1	5,7	5,4	4,9
Kharkiv	26,6	49,5	43,1	39,5	36,6	45,1	37,4	32,0	26,8	25,7
Kherson	9,4	16,8	14,4	13,3	11,2	16,2	13,7	13,2	10,6	10,0
Khmelnyskiy	4,9	10,6	10,4	9,0	8,8	11,8	10,8	10,6	9,6	8,5
Cherkasy	7,4	13,8	14,4	13,3	11,2	12,8	11,6	10,3	8,8	8,1
Chernivtsi	3,0	5,2	4,7	4,4	4,7	6,0	5,4	5,1	5,1	5,0
Chernihiv	7,7	11,3	12,6	11,3	10,7	12,1	10,8	9,5	8,0	7,4
<b>cities</b>										
Kyiv	20,9	36,6	28,6	25,5	22,0	32,0	29,4	33,4	29,5	26,0
Sevastopol	...	3,9	4,3	3,9	3,7	5,2	4,7	4,7	4,7	4,4

<sup>1</sup> 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, and 878 in 2007.

CRIMINAL JUSTICE

**23.3. Crimes related to narcotics and other harmful drugs**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total registered crime</b>	<b>7236</b>	<b>38181</b>	<b>45748</b>	<b>47905</b>	<b>58085</b>	<b>57435</b>	<b>65740</b>	<b>65017</b>	<b>64630</b>	<b>63838</b>
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
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
inclination for drugs	64	151	385	375	398	649	815	965	954	991
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

In 2007 home affairs departments registered 10,9 thsd. criminal cases committed by drug addicts, 2,0 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
<b>Total convicted</b>	<b>104,2</b>	<b>212,9</b>	<b>230,9</b>	<b>202,6</b>	<b>194,2</b>	<b>201,1</b>	<b>204,8</b>	<b>176,9</b>	<b>160,9</b>	<b>152,8</b>
of whom of										
theft	33,2	92,5	108,4	95,6	85,4	84,9	80,5	60,1	39,9	32,8
robberies	5,1	9,0	10,0	9,7	10,3	11,3	13,1	13,4	14,9	14,3
violent crime	2,1	3,6	4,9	4,6	4,5	4,7	4,5	4,4	4,7	4,8
extortion	0,6	1,3	1,4	1,1	1,0	1,1	1,0	0,7	0,6	0,5
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
intended severe injuries	3,3	4,2	4,9	4,2	4,2	4,6	4,5	4,1	4,0	4,2
rapes and attempted rapes	2,6	1,4	0,9	0,8	0,6	0,4	0,6	0,7	0,6	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
<b>Ukraine<sup>1</sup></b>	<b>104,2</b>	<b>212,9</b>	<b>230,9</b>	<b>202,6</b>	<b>194,2</b>	<b>201,1</b>	<b>204,8</b>	<b>176,9</b>	<b>160,9</b>	<b>152,8</b>
Autonomous Republic of Crimea	5,7	8,7	10,9	9,6	11,7	11,7	12,4	10,2	9,1	8,1
<b>oblasts</b>										
Vinnitsya	3,3	6,4	7,7	7,0	6,6	5,8	6,2	5,2	5,1	5,0
Volyn	1,8	3,9	3,7	3,2	3,2	3,5	3,8	3,2	3,2	2,7
Dnipropetrovsk	9,4	25,6	22,1	18,4	13,0	18,6	16,9	13,6	13,9	13,2
Donetsk	11,7	24,6	25,8	20,3	21,6	22,5	23,4	22,2	19,9	16,7
Zhytomyr	2,7	6,6	5,8	5,3	5,6	5,4	6,0	4,5	4,3	4,2
Zakarpattia	1,5	3,2	3,7	3,7	3,9	3,3	3,2	2,6	2,4	2,2
Zaporizhzhya	6,8	7,0	13,3	12,3	10,8	10,8	10,8	11,4	9,0	9,2
Ivano-Frankivsk	1,8	4,4	3,6	3,3	2,8	3,1	3,3	3,4	3,1	2,9
Kyiv	4,0	6,8	8,1	7,4	7,1	6,5	6,8	5,6	5,6	4,8
Kirovohrad	3,1	5,9	6,1	5,7	5,4	5,7	4,9	4,0	3,5	3,2
Luhansk	6,8	13,4	17,4	15,0	12,7	12,9	15,6	12,9	10,2	11,4
Lviv	3,6	9,4	8,4	7,5	7,0	6,6	7,1	6,0	5,7	5,4
Mykolayiv	3,5	5,7	6,5	6,2	6,6	7,0	7,4	6,8	5,8	5,5
Odesa	5,1	10,8	12,6	10,1	10,4	10,5	9,5	9,2	8,5	7,8
Poltava	3,4	6,9	7,0	7,0	6,3	6,6	6,4	6,7	6,1	5,3
Rivne	1,2	3,1	3,2	3,1	3,1	3,6	3,2	3,0	2,8	2,7
Sumy	4,0	7,9	6,8	6,1	6,3	6,4	5,8	4,6	4,5	4,1
Ternopil	1,6	4,2	3,0	2,7	2,4	2,3	2,3	2,1	2,1	1,8
Kharkiv	6,5	13,7	15,8	13,9	13,9	13,7	15,1	13,7	11,8	10,9
Kherson	2,8	4,9	6,8	5,9	5,5	5,9	5,9	5,5	5,2	4,6
Khmelnyskiy	2,3	5,7	4,8	3,7	3,5	4,3	4,7	4,1	3,9	3,9
Cherkasy	3,2	6,5	7,0	5,9	6,0	5,2	5,0	4,2	3,6	3,8
Chernivtsi	1,4	2,7	2,9	2,6	2,5	2,5	2,4	1,8	2,1	1,9
Chernihiv	2,9	5,5	6,2	5,5	5,9	5,7	6,0	4,6	4,1	3,9
<b>cities</b>										
Kyiv	4,1	8,4	9,3	8,6	8,0	8,3	8,2	3,9	3,6	5,9
Sevastopol	...	1,0	1,9	1,4	1,6	1,8	1,5	1,3	1,3	1,3

<sup>1</sup> In 2000, including those convicted by interregional courts; in 2001–2007, 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.

## CRIMINAL JUSTICE

**23.6. Composition of the convicted***(percent)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total convicted</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Aged, years										
14–17	12,1	7,8	8,7	10,0	10,4	10,5	10,6	9,9	8,7	7,3
18–24	24,5	25,1	27,8	29,0	29,7	29,3	28,5	29,5	29,0	29,2
25–29	21,0	18,2	18,5	18,0	17,9	17,8	17,0	17,0	17,5	18,3
30 and older	42,4	48,9	45,0	43,0	42,0	42,4	43,9	43,6	44,8	45,2
Of total convicted										
females	9,5	14,4	13,8	13,0	12,4	12,1	13,3	12,8	13,0	12,0
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	42,0	32,4	34,0	36,5	34,2	34,6	36,7
persons of working age not working or studying	23,2	39,6	59,7	61,2	61,4	62,6	56,9	56,3	59,0	61,9
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

**23.7. The convicted, by major type of sentence***(percent)*

	2001	2002	2003	2004	2005	2006	2007
<b>Total convicted</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
By type of sentence							
lifetime deprivation of freedom	0,1	0,1	0,1	0,0	0,0	0,1	0,1
term deprivation of freedom	34,7	31,4	30,3	26,5	25,9	24,0	25,0
fines	3,1	5,4	4,4	5,5	6,6	8,8	10,2
compulsory work	5,1	2,3	1,8	1,4	1,2	1,1	0,9
public works	0,1	0,9	1,4	1,7	1,9	2,4	2,8
restriction of freedom	0,3	1,6	1,7	1,9	2,0	2,1	2,3
freed from punishment	15,8	54,3	59,0	61,9	61,1	60,1	57,2
other types of punishment	40,8	4,0	1,3	1,1	1,3	1,4	1,5

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
<b>Total convicted</b>	<b>57,0</b>	<b>58,0</b>	<b>57,6</b>	<b>56,1</b>	<b>56,4</b>	<b>55,2</b>	<b>47,5</b>
For crimes							
against national security	—	—	—	—	—	—	—
against personal life and health	41,0	41,2	43,8	42,9	43,1	44,1	41,1
against personal will and dignity	42,9	40,0	44,0	49,2	43,7	49,1	48,0
against sex freedom and sex inviolability	63,6	68,5	67,9	64,5	66,6	65,3	53,9
against electoral, labour and other rights of a person and a citizen	18,7	21,2	20,8	19,8	21,4	23,8	23,3
against property	63,0	64,3	64,9	65,4	68,3	70,3	57,0
in economic sphere	27,3	30,8	29,8	26,6	26,8	24,1	22,3
against environment	41,4	41,1	46,1	43,4	40,3	42,1	37,3
against public safety	33,6	34,2	33,9	30,1	28,9	27,3	24,0
against safety of production	27,3	17,8	15,5	13,8	17,4	16,1	17,6
against safety of traffic and use of transport	78,1	69,4	68,8	66,8	65,1	63,0	54,0
against civil order and morality	67,7	69,6	70,4	70,2	71,0	70,4	62,2
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	46,1
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	53,1
against state and local authorities and associations of citizens	35,9	34,3	31,5	31,6	31,1	32,5	32,9
in the sphere of use of computers, computing systems and networks	—	—	100,0	62,5	57,1	70,5	63,3
in the sphere of office activity	11,2	12,3	12,5	12,3	14,0	16,4	18,1
against justice	49,2	49,2	46,7	47,5	44,7	43,1	42,9
against the established order of military service (military crimes)	89,7	87,1	87,5	85,2	85,9	82,5	85,8
against peace, security of the humankind and the international order	—	—	—	—	—	—	—
other crimes <sup>1</sup>	56,8	62,8	61,6	58,5	54,1	50,5	48,3

<sup>1</sup> 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
<b>Total convicted</b>	<b>10,0</b>	<b>10,4</b>	<b>10,5</b>	<b>10,6</b>	<b>9,9</b>	<b>8,7</b>	<b>7,3</b>
For crimes							
against national security	—	—	—	—	—	—	—
against personal life and health	3,1	4,2	4,5	4,4	4,4	4,1	4,2
against personal will and dignity	—	5,0	2,0	2,5	0,6	1,8	1,5
against sex freedom and sex inviolability	5,5	12,8	13,8	15,1	13,3	16,9	11,7
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
against property	13,6	15,0	15,5	16,3	16,4	15,6	13,8
in economic sphere	1,7	1,0	0,8	0,8	0,9	1,0	0,9
against environment	0,7	2,2	1,8	2,0	1,9	1,7	0,7
against public safety	3,1	3,0	2,5	2,5	2,1	1,3	1,0
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
against civil order and morality	9,9	12,6	11,7	11,2	10,5	9,9	7,9
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
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
against state and local authorities and associations of citizens	1,6	1,4	0,9	1,1	1,1	0,9	1,0
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
against the established order of military service (military crimes)	—	0,2	—	—	—	—	—
against peace, security of the humankind and the international order	—	—	—	—	—	—	—
other crimes <sup>1</sup>	9,8	10,3	9,0	7,5	8,2	5,8	4,8

<sup>1</sup> 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
Number of institutions that execute sentences	135	137	142	142	142	147	147	147	147
including									
for females	7	11	12	12	12	13	12	12	12
for minors	11	11	11	11	11	11	11	11	11
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
including									
for females	7,9	10,9	9,1	9,3	9,1	9,3	8,5	8,0	6,9
for minors	2,4	2,5	2,1	2,4	2,4	2,5	2,1	2,2	1,3

**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	2007	1990	1995	2000	2005	2007
	thsd.					percent				
<b>Total</b>	<b>66,1</b>	<b>67,0</b>	<b>39,8</b>	<b>41,5</b>	<b>30,4</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Of whom										
pupils of secondary schools	26,1	29,4	15,6	22,5	16,6	39,5	43,9	39,1	54,3	54,6
pupils of vocational schools	16,1	10,7	6,5	7,0	4,8	24,3	15,9	16,3	16,8	15,7
did not work or study	5,4	15,9	10,0	7,8	6,4	8,2	23,8	25,2	18,7	21,2
have one parent	21,9	18,9	10,4	11,0	8,8	33,1	28,2	26,1	26,4	29,1
have no parents	1,3	1,2	0,9	1,2	1,1	1,9	1,9	2,2	2,9	3,7
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	4,9

CRIMINAL JUSTICE

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

(thsd.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>6515,9</b>	<b>22400,6</b>	<b>9395,4</b>	<b>6384,1</b>	<b>6472,4</b>	<b>7097,3</b>	<b>7013,7</b>	<b>6370,3</b>	<b>7677,9</b>	<b>8867,5</b>
Committed offences										
related to industrial										
hygiene and health care	161,0	161,5	179,7	196,8	223,5	248,2	267,5	272,2	279,6	305,5
encroachment on										
property	59,7	87,4	12,8	10,3	9,5	9,6	9,5	13,0	23,0	26,5
of which petty stealing										
of another's property	58,8	85,0	10,9	7,8	6,1	5,6	5,4	8,4	17,6	19,6
related to environmental										
protection, use of natural										
resources, and protection										
of historical and cultural										
monuments	80,9	146,0	142,5	127,0	143,3	156,5	165,9	150,5	176,1	187,0
related to industry,										
construction, and use of										
fuel and energy resources	50,9	64,0	81,5	81,9	77,5	97,2	101,1	105,3	107,1	122,2
related to agriculture,										
and infringements										
of veterinary and sanitary										
regulations	73,4	87,5	95,5	94,1	93,1	121,0	127,7	136,9	136,8	142,6
related to transport,										
road services										
and communications	4379,2	18040,4	6507,4	3919,2	4078,4	4502,2	4392,4	3877,8	4942,6	5753,7
related to housing rights										
of citizens, housing										
and community										
amenities, and equipping										
localities with services										
and utilities	36,3	49,9	75,9	77,7	79,2	80,6	88,1	79,2	81,6	110,3
related to trade, public										
catering, consumer										
services, finance										
and business activities	89,5	868,1	555,4	404,1	395,4	459,9	476,6	361,5	395,2	482,2
related to standardisation,										
product quality, weights,										
measures and										
certification	6,6	27,2	25,9	28,6	23,9	25,2	26,4	23,0	27,1	26,3
encroachment on public										
safety and order	1251,4	2291,7	1142,4	918,5	850,0	832,4	781,2	730,2	797,4	913,0
of which										
minor hooliganism	290,2	541,5	252,8	214,5	227,6	234,1	203,1	168,4	170,6	182,6
excessive consumption										
of spirits at public										
places and presence										
at public places										
in the state of alcohol										
intoxication	700,6	1459,2	690,3	525,4	472,9	451,0	399,7	361,5	407,1	462,7
encroachment on the										
established procedures	327,0	576,9	576,4	525,9	498,6	564,5	577,3	620,7	711,4	798,2
infringement on popular										
declaration of intend										
and the established order										
of its implementation	—	—	—	—	—	—	—	—	0,0	0,0

In 2007, the courts with court decisions have considered 158,2 thsd. cases on administrative proceedings, among which 101,4 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		2007	
	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)
<b>Total cases</b>	<b>379,2</b>	<b>345,7</b>	<b>453,3</b>	<b>429,4</b>	<b>911,4</b>	<b>867,1</b>	<b>1116,2</b>	<b>1040,9</b>	<b>1240,7</b>	<b>1139,5</b>
of which										
reinstatement	3,8	1,8	3,6	2,0	5,5	3,1	3,8	2,2	2,9	1,6
payment of wages	1,1	0,7	0,9	0,7	237,6	232,3	56,0	53,5	18,7	16,9
indemnification of financial damage, inflicted by employ- ees to enterprise, establishment, organization	9,8	8,4	1,8	1,7	1,8	1,6	0,7	0,6	1,1	0,9
divorce	172,2	164,4	172,4	168,7	156,9	154,8	140,7	138,8	140,6	135,7

**23.14. State notary services**

	1990	1995	2000	2002	2003	2004	2005	2006	2007
Total state notary offices	729	822	795	794	801	796	826	821	822
Total notary actions (will witnessing, heritage certificates issuing, execution of court orders, etc), thsd.	4532	8216	3920	3709	3831	4414	4094	4096	4228
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

In 2007, 4047 private notary who had carried out 16954,5 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
<b>Total fires</b>	<b>47875</b>	<b>37596</b>	<b>36814</b>	<b>41794</b>	<b>64755</b>	<b>49654</b>	<b>53751</b>	<b>51432</b>	<b>55708</b>
Fire consequences									
total killed, persons	2067	2423	3524	3660	3929	3822	4182	4038	3983
of whom children	166	149	131	133	130	92	119	126	139
total injured, persons	1332	1532	1829	1819	1854	1872	1912	1903	1871
total rescued, persons	2073	6901	7943	6640	7536	4104	4114	3632	3224
Total direct losses, mln. UAH	73,2	70,3	127,1	111,4	128,6	92,1	292,5	204,9	576,8
Destroyed or damaged									
buildings and dwellings	8198	17704	19222	21189	20700	17401	20918	20256	23129
car equipment	956	2142	2257	2637	2454	2342	2457	2555	2862
Loss of livestock, heads	1386	835	570	912	999	460	675	825	528
Destroyed fodder, t	39191	24203	25047	20615	14545	14009	19529	15155	16024

**23.16. Fires, by cause**

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total fires</b>	<b>47875</b>	<b>37596</b>	<b>36814</b>	<b>41794</b>	<b>64755</b>	<b>49654</b>	<b>53751</b>	<b>51432</b>	<b>55708</b>
Arsons	3640	2273	1843	1664	1566	1329	1546	1469	1644
Equipment disrepair	791	294	226	177	255	186	161	141	121
Infractions of electric equipment and appliances, assembling and operation rules	11693	10693	10559	10750	12514	10758	10907	10965	10628
Infractions of heating and heat generating equipment, assembling and operation rules	4600	3535	4004	3972	4345	3827	4022	4292	3666
Careless use of fire	18408	14925	14685	19012	38193	24866	30944	29296	33738
Children's mischief with fire	3931	2294	1803	1836	2061	1710	1769	1299	1324
Unidentified reasons	323	11	34	8	6	—	3	3	3
Other reasons	4489	3571	3660	4375	5815	6978	4399	3967	4584

## 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 parks** are natural protective, recreational, culture and educational, research establishments of national importance that are created to 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 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. 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 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.

**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 manufacturing technology.

**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 Ukraine<sup>1</sup>**

(as of January 1, 2008)

	Area, thsd. ha	Percentage of total land
<b>Total land area</b>	<b>60354,8</b>	<b>100,0</b>
land used in agricultural production	42868,7	71,0
forest and forested land	10556,3	17,5
built areas	2476,6	4,1
land under water	2421,6	4,0
open swamp areas	975,8	1,6
other land	1055,8	1,8

<sup>1</sup> 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
Total preserves and national nature parks	21	20	31	32	33	33	36	36	38	38
Their area, thsd. ha	407,0	417,6	887,5	970,8	1013,6	1013,8	1052,5	1056,5	1104,3	1107,0

**24.3. Damaged and re-cultivated land**

(thsd. ha)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Damaged	17,0	3,5	1,9	2,2	1,5	3,5	1,8	2,0	1,7	1,4
Exhausted	16,4	4,6	2,8	2,6	3,6	2,0	1,4	1,8	2,0	1,1
Re-cultivated	19,2	8,4	3,7	2,6	2,8	1,9	1,5	2,1	1,4	1,2
of which arable land	8,9	1,5	1,5	0,8	0,7	0,5	0,4	0,3	0,5	0,2

As of end of 2007 the area of damaged soil accounted for 157,8 thsd. ha and that of exhausted to 49,9 thsd. ha.



NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.4. Land protection operations<sup>1</sup>**

	1995	2000	2001	2002	2003	2004	2005	2006	2007
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
walls-terraces, km	5,4	10,9	16,9	8,6	3,8	5,1	6,6	2,3	2,4
walls-roads, km	16,2	2,2	0,1	0,3	1,1	1,1	1,1	2,2	1,3
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
water drainage constructions, pcs	51	18	16	6	2	1	2	2	1
reinforced shores, km	1,0	4,7	1,2	0,9	237,0	2,6	3,9	4,2	4,2
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

<sup>1</sup> See the footnote to Table 24.1

**24.5. Liming and plastering of soils**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Limed soil, thsd. ha	1407,9	286,6	23,9	26,7	21,5	23,5	40,9	41,7	43,9	49,0
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
Plastered soil, thsd. ha	285,4	18,1	5,1	3,6	5,0	1,6	3,8	2,7	5,7	7,9
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

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
Consumption of fresh water (including sea water)	30201	20338	12991	12168	11589	11034	9973	10188	10245	10995
of which										
for production purposes	16247	10421	6957	7033	6632	6068	5685	5706	5783	6162
for household and drinking purposes	4647	4404	3311	3041	2870	2724	2527	2409	2298	2192
Discharge (drainage) of waste waters	20261	14981	10964	10569	10005	9459	9065	8900	8824	8917
of which										
polluted	3199	4652	3313	3008	2920	2948	3326	3444	3891	3854
of which without purification	470	912	758	746	782	804	758	896	1427	1506
purified according to standards	3318	1936	2100	2188	2111	1946	1492	1315	1304	1245
Total waste and recycled waters	67661	51054	41523	41334	41315	42345	45658	47167	47716	48883
Capacity of purifying facilities	8131	8419	7992	7790	7546	7733	7740	7688	8104	7768

**24.7. Fresh water consumption, by region**

(mln. cub. m)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>30201</b>	<b>20338</b>	<b>12991</b>	<b>12168</b>	<b>11589</b>	<b>11034</b>	<b>9973</b>	<b>10188</b>	<b>10245</b>	<b>10995</b>
Autonomous Republic of Crimea	2735	1747	1106	862	778	826	685	791	743	784
<b>oblasts</b>										
Vinnitsya	1894	1016	696	693	610	126	121	125	121	113
Volyn	187	225	121	98	104	115	80	71	77	80
Dnipropetrovsk	3599	2752	1756	1933	1673	1624	1475	1579	1480	1461
Donetsk	3419	2548	1751	1718	1604	1676	1589	1508	1562	1633
Zhytomyr	282	178	107	103	100	103	101	101	137	163
Zakarpattia	144	104	70	68	57	51	48	44	42	38
Zaporizhzhya	4598	2635	1702	1518	1449	1342	1123	1076	1101	1464
Ivano-Frankivsk	289	219	111	96	96	99	98	104	101	103
Kyiv	2131	1496	1132	963	1021	948	786	812	874	862
Kirovohrad	270	184	86	73	65	62	57	53	45	44
Luhansk	1261	954	408	375	332	288	268	254	250	241
Lviv	552	386	219	237	234	217	209	203	195	191
Mykolayiv	785	500	277	250	249	233	178	194	223	233
Odesa	1315	719	479	414	376	350	312	330	336	360
Poltava	478	295	248	232	229	238	220	206	290	292
Rivne	268	190	125	137	143	145	149	160	159	167
Sumy	281	216	115	99	93	97	109	109	117	110
Ternopil	183	162	65	72	68	66	73	66	64	66
Kharkiv	785	594	408	361	389	376	373	295	292	295
Kherson	2161	1131	639	443	510	576	428	610	607	923
Khmelnyskiy	363	269	156	131	112	109	102	102	107	127
Cherkasy	563	547	214	237	239	244	238	246	251	243
Chernivtsi	109	85	57	61	72	72	64	68	69	60
Chernihiv	285	235	122	129	120	157	155	149	137	154
<b>cities</b>										
Kyiv	1093	848	777	824	818	824	856	872	792	728
Sevastopol	171	103	44	41	48	70	76	60	73	60

**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	2003	2004	2005	2006	2007	1995	2000	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>51054</b>	<b>41523</b>	<b>42345</b>	<b>45658</b>	<b>47167</b>	<b>47716</b>	<b>48883</b>	<b>83</b>	<b>86</b>	<b>87</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>
Autonomous Republic of Crimea	377	252	275	310	338	320	325	73	77	79	79	79	79	79
<b>oblasts</b>														
Vinnitsya	195	85	472	546	573	757	905	18	12	87	89	88	91	93
Volyn	62	42	44	38	43	46	43	64	74	76	64	67	65	64
Dnipro-petrovsk	7189	5668	5309	5467	5375	5557	5687	79	82	81	83	81	83	84
Donetsk	10760	7838	8281	7330	7745	8018	8503	87	87	87	86	87	87	87
Zhytomyr	239	152	178	234	237	243	238	80	86	84	87	87	84	82
Zakarpattia	55	19	4	7	9	9	1	68	79	36	54	56	50	11
Zaporizhzhya	7723	9996	10671	10683	10022	10194	10393	79	88	91	92	92	92	89
Ivano-Frankivsk	3033	1165	1867	2156	2228	2250	2188	97	95	96	97	97	97	97
Kyiv	2822	1897	499	493	492	474	374	69	66	38	42	41	39	33
Kirovohrad	157	47	52	111	97	115	119	75	68	72	83	84	88	89
Luhansk	2719	2328	2092	2148	2235	2405	2638	85	93	94	94	95	95	95
Lviv	670	405	450	416	437	425	417	85	88	87	87	88	89	89
Mykolayiv	3395	2976	3380	3932	3782	3230	3237	96	97	98	98	98	96	97
Odesa	245	179	193	179	210	112	142	61	69	75	76	73	60	64
Poltava	1263	839	929	1018	1072	1086	1098	92	94	93	95	96	92	91
Rivne	3342	3160	3128	6094	6074	6111	6136	98	98	97	99	99	99	99
Sumy	504	188	196	193	191	195	207	88	82	83	83	84	83	84
Ternopil	122	71	81	69	57	64	56	72	71	76	69	69	71	70
Kharkiv	3019	1707	1705	1606	1669	1649	1554	94	94	93	93	95	95	94
Kherson	197	72	67	88	84	98	67	69	69	68	74	70	75	61
Khmelnyskiy	1188	1157	1077	1060	2714	2986	3150	95	96	96	97	98	98	99
Cherkasy	780	614	730	678	743	680	680	82	89	93	92	93	93	94
Chernivtsi	41	21	10	9	9	9	9	68	53	33	33	29	28	30
Chernihiv	249	177	186	193	213	214	204	65	74	65	65	68	70	65
<b>cities</b>														
Kyiv	681	465	454	512	501	462	491	61	54	50	51	49	50	54
Sevastopol	27	3	15	88	17	7	21	44	27	29	68	39	15	44

**24.9. Polluted waste waters drained into the natural surface water basins in 2007, by region***(mln. cub. m)*

	Total	Including		Share of total polluted waters drained, percent
		without purification	insufficient purification	
<b>Ukraine</b>	<b>3854</b>	<b>1506</b>	<b>2348</b>	<b>43,2</b>
Autonomous Republic of Crimea	69	9	60	24,0
<b>oblasts</b>				
Vinnytsya	4	0	4	4,8
Volyn	4	0	4	6,9
Dnipropetrovsk	611	151	460	45,0
Donetsk	1438	837	601	84,6
Zhytomyr	12	2	10	7,7
Zakarpattia	12	1	11	23,1
Zaporizhzhya	482	339	143	40,4
Ivano-Frankivsk	21	0	21	23,3
Kyiv	32	5	27	4,1
Kirovohrad	29	1	28	46,0
Luhansk	204	34	170	56,4
Lviv	189	12	177	71,3
Mykolayiv	29	0	29	38,7
Odesa	191	52	139	68,2
Poltava	7	—	7	3,3
Rivne	15	2	13	12,2
Sumy	25	0	25	33,8
Ternopil	3	1	2	4,4
Kharkiv	19	10	9	6,0
Kherson	11	10	1	11,2
Khmelnyskiy	4	0	4	7,4
Cherkasy	13	5	8	5,8
Chernivtsi	8	5	3	17,4
Chernihiv	27	—	27	20,1
<b>cities</b>				
Kyiv	366	26	340	50,6
Sevastopol	29	4	25	61,7

## ATMOSPHERE

## 24.10. Emission of pollutants and greenhouse gases into the atmosphere

(thsd. t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Emission of pollutants into the atmosphere – total</b>	<b>15549,4</b>	<b>7483,5</b>	<b>5908,6</b>	<b>6049,5</b>	<b>6101,9</b>	<b>6191,3</b>	<b>6325,9</b>	<b>6615,6</b>	<b>7027,6</b>	<b>7380,0</b>
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
of which										
sulfur dioxide	2782,3	1639,1	976,6	983,6	1023,9	1034,2	975,4	1119,5	1333,0	1313,1
nitrogen peroxide	760,8	423,8	320,0	328,1	309,4	306,0	291,7	343,7	325,8	336,6
nitrogen oxide	...	...	...	...	...	...	16,3	7,1	7,0	6,5
carbonic oxide	3273,7	1478,8	1230,6	1270,3	1256,8	1269,7	1318,8	1320,5	1357,9	1404,4
methane <sup>1</sup>	261,6	235,2	179,7	276,6	365,5	375,4	745,1	811,1	917,1	884,9
nonmethane volatile organic compounds <sup>2</sup>	200,4	313,0	263,8	232,5	284,5	223,1	91,7	91,1	87,5	82,3
soot	34,5	40,4	10,7	12,2	11,3	9,5	11,6	11,1	11,3	9,9
by automobile transport	6110,3	1796,5	1949,2	1994,7	2026,9	2009,7	2076,9	2056,0	2097,0	2294,4
of which										
sulfur dioxide	...	...	8,2	8,5	8,7	9,4	10,3	10,5	11,0	19,5
nitrogen peroxide	...	106,5	120,6	123,9	126,3	128,0	135,1	136,2	141,3	202,7
nitrogen oxide	...	...	...	...	...	...	...	...	...	1,3
carbonic oxide	...	1426,8	1546,2	1582,2	1608,3	1591,4	1642,8	1625,8	1657,8	1773,3
methane <sup>3</sup>	...	263,2	267,0	272,6	275,9	272,2	279,0	273,5	276,2	7,6
nonmethane volatile organic compounds	...	...	...	...	...	...	...	...	...	266,6
soot	...	...	7,2	7,5	7,7	8,7	9,7	10,0	10,7	23,4
by aviation, rail-way, water transport and manufacturing technics <sup>4</sup>	...	...	...	...	...	93,8	97,1	95,5	108,4	272,3
of which										
sulfur dioxide	...	...	...	...	...	2,7	2,8	2,8	3,2	10,0
nitrogen peroxide	...	...	...	...	...	43,9	45,1	44,0	48,0	102,6
nitrogen oxide	...	...	...	...	...	...	...	...	...	1,1
carbonic oxide	...	...	...	...	...	28,5	29,4	28,9	34,8	123,8
methane <sup>3</sup>	...	...	...	...	...	10,9	11,2	11,0	11,4	1,6
nonmethane volatile organic compounds	...	...	...	...	...	4,6	5,3	5,4	7,2	23,3
soot	...	...	...	...	...	3,2	3,3	3,4	3,6	9,7
Besides emission of carbon dioxide – total	...	...	...	...	...	...	126882,2	152008,1	178760,5	218071,4
of which										
by stationary sources	...	...	...	...	...	...	126882,2	152008,1	178760,5	183962,9
by automobile transport	...	...	...	...	...	...	...	...	...	25671,7
by aviation, rail-way, water transport and manufacturing technics	...	...	...	...	...	...	...	...	...	8436,8

<sup>1</sup> In 1990–2003 including other hydrocarbons<sup>2</sup> In 1990–2003 are given data emissions of volatile organic compounds<sup>3</sup> In 1995–2006 including other hydrocarbons<sup>4</sup> Since 2007 including manufacturing technics emission

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.11. Emission of pollutants into the atmosphere, by region<sup>1</sup>**

	Total, thsd. t						Per sq. km, t					
	1995	2000	2004	2005	2006	2007	1995	2000	2004	2005	2006	2007
<b>Ukraine</b>	<b>7483,5</b>	<b>5908,6</b>	<b>6325,9</b>	<b>6615,6</b>	<b>7027,6</b>	<b>7380,0</b>	<b>12,4</b>	<b>9,8</b>	<b>10,5</b>	<b>11,0</b>	<b>11,6</b>	<b>12,2</b>
Autonomous Republic of Crimea	150,9	123,4	127,2	125,3	123,2	148,4	5,8	4,7	4,9	4,8	4,7	5,7
<b>oblasts</b>												
Vinnitsya	201,4	145,6	145,1	180,4	211,8	236,7	7,6	5,5	5,5	6,8	8,0	8,9
Volyn	48,9	35,2	51,7	50,4	56,8	66,4	2,4	1,8	2,6	2,5	2,8	3,3
Dnipropetrovsk	1106,7	939,5	1044,1	1165,3	1273,7	1324,7	34,7	29,5	32,7	36,5	39,9	41,5
Donetsk	2294,3	1795,3	1835,4	1862,9	1895,2	1871,2	86,6	67,7	69,3	70,3	71,5	70,6
Zhytomyr	67,8	61,8	71,3	72,5	75,8	83,7	2,3	2,1	2,4	2,4	2,5	2,8
Zakarpattia	36,7	40,7	46,7	65,9	70,7	88,2	2,9	3,2	3,6	5,1	5,5	6,9
Zaporizhzhya	346,1	333,3	352,0	383,4	378,8	347,6	12,7	12,3	12,9	14,1	13,9	12,8
Ivano-Frankivsk	325,7	184,8	222,9	252,2	318,4	325,2	23,4	13,3	16,0	18,1	22,9	23,4
Kyiv	209,1	167,5	173,2	170,0	201,9	251,3	7,4	6,0	6,2	6,0	7,2	8,9
Kirovohrad	133,7	80,4	72,1	70,3	61,9	80,3	5,4	3,3	2,9	2,9	2,5	3,3
Luhansk	670,5	529,2	573,1	593,6	641,3	632,4	25,1	19,8	21,5	22,2	24,0	23,7
Lviv	239,6	192,9	181,2	187,6	206,7	253,1	11,0	8,8	8,3	8,6	9,5	11,6
Mykolayiv	85,3	54,2	70,6	71,4	69,0	86,6	3,5	2,2	2,9	2,9	2,8	3,5
Odesa	127,1	113,5	140,7	141,1	140,2	189,3	3,8	3,4	4,2	4,2	4,2	5,7
Poltava	233,6	151,9	160,0	161,1	190,4	205,7	8,1	5,3	5,6	5,6	6,6	7,1
Rivne	64,6	49,7	60,0	60,9	59,2	66,2	3,2	2,5	3,0	3,0	2,9	3,3
Sumy	100,3	81,1	82,7	78,1	77,8	88,4	4,2	3,4	3,5	3,3	3,3	3,7
Ternopil	65,3	43,3	45,6	47,7	53,5	66,1	4,7	3,1	3,3	3,5	3,9	4,8
Kharkiv	367,4	268,6	294,9	301,6	324,2	296,7	11,7	8,6	9,4	9,6	10,3	9,4
Kherson	89,4	64,3	59,1	62,6	64,6	77,6	3,1	2,3	2,1	2,2	2,3	2,7
Khmelnyskiy	111,4	70,0	56,9	52,5	57,9	87,5	5,4	3,4	2,8	2,5	2,8	4,2
Cherkasy	132,9	93,1	100,2	95,5	105,3	119,3	6,4	4,5	4,8	4,6	5,0	5,7
Chernivtsi	35,0	35,1	34,3	33,6	32,7	45,9	4,3	4,3	4,2	4,1	4,0	5,7
Chernihiv	102,0	64,2	84,5	83,4	85,7	90,6	3,2	2,0	2,7	2,6	2,7	2,8
<b>cities</b>												
Kyiv	123,1	170,4	209,9	220,5	227,1	230,5	153,9	213,0	262,3	275,6	283,9	288,1
Sevastopol	14,7	19,6	30,3	25,8	23,8	20,4	16,3	21,8	33,7	28,7	26,4	22,7

<sup>1</sup> In 1995, 2000 are given data emission of pollutants from stationary sources and automobile transport. Since 2003 including data emission of pollutants from railway, aviation and water transport; 2007 – data emission of pollutants from manufacturing and other techniques

**24.12. Emission of pollutants into the atmosphere from stationary sources and road vehicles, by region***(thsd. t)*

	Stationary sources of pollution						Automobile transport					
	1995	2000	2004	2005	2006	2007	1995	2000	2004	2005	2006	2007
<b>Ukraine</b>	<b>5687,0</b>	<b>3959,4</b>	<b>4151,9</b>	<b>4464,1</b>	<b>4822,2</b>	<b>4813,3</b>	<b>1796,5</b>	<b>1949,2</b>	<b>2076,9</b>	<b>2056,0</b>	<b>2097,0</b>	<b>2294,4</b>
Autonomous Republic of Crimea	83,7	33,5	35,1	35,1	34,2	33,8	67,2	89,9	88,2	86,9	85,4	105,2
<b>oblasts</b>												
Vinnitsya	127,0	80,1	76,8	107,4	135,4	152,4	74,4	65,5	66,2	70,8	73,8	75,1
Volyn	15,3	10,3	8,5	10,1	12,2	11,5	33,6	24,9	43,2	40,3	44,6	52,4
Dnipropetrovsk	1031,2	783,6	873,9	993,7	1101,1	1119,0	75,5	155,9	165,5	166,8	167,9	183,1
Donetsk	2136,5	1590,0	1598,3	1638,1	1659,7	1653,4	157,8	205,3	227,1	213,9	219,2	186,7
Zhytomyr	30,6	12,3	19,7	13,4	15,6	19,2	37,2	49,5	49,6	57,3	58,4	59,2
Zakarpattia	13,2	7,7	9,6	26,6	25,6	22,9	23,5	33,0	36,8	39,1	44,9	63,9
Zaporizhzhya	268,8	231,2	230,5	262,0	258,1	231,6	77,3	102,1	117,5	118,5	117,5	103,6
Ivano-Frankivsk	271,7	141,0	176,6	204,2	269,3	269,9	54,0	43,8	45,2	46,8	47,9	52,7
Kyiv	122,6	80,8	78,8	73,0	108,3	93,3	86,5	86,7	94,2	96,7	88,1	142,7
Kirovohrad	84,3	44,7	29,4	33,0	22,6	20,2	49,4	35,7	42,3	36,9	38,9	51,6
Luhansk	578,1	429,0	453,0	474,7	517,1	542,7	92,4	100,2	114,9	114,0	119,4	81,1
Lviv	124,6	108,6	89,9	95,8	110,6	110,5	115,0	84,3	87,5	87,9	92,0	136,3
Mykolayiv	34,6	11,4	22,2	24,3	21,2	22,6	50,7	42,8	44,7	43,4	43,7	55,0
Odesa	42,9	23,2	29,2	40,5	42,0	35,8	84,2	90,3	93,4	83,2	80,2	129,0
Poltava	126,2	60,4	72,4	68,4	93,1	100,2	107,4	91,5	80,9	86,0	90,2	83,3
Rivne	25,3	14,1	15,8	17,3	17,9	18,5	39,3	35,6	40,8	40,4	37,9	40,6
Sumy	42,5	26,3	30,2	26,1	28,4	29,1	57,8	54,8	50,6	50,1	47,6	52,0
Ternopil	21,9	9,2	12,6	14,8	19,4	20,5	43,4	34,1	31,9	31,7	32,8	40,1
Kharkiv	241,2	143,7	148,0	158,7	182,4	160,1	126,2	124,9	140,3	136,7	135,1	118,3
Kherson	37,5	11,6	8,7	11,0	14,8	9,4	51,9	52,7	47,9	49,1	47,6	61,1
Khmelnyskiy	54,4	18,4	16,9	16,0	17,9	23,4	57,0	51,6	39,4	35,9	39,4	59,0
Cherkasy	63,6	28,8	34,8	39,4	40,2	38,8	69,3	64,3	62,5	53,4	62,2	70,4
Chernivtsi	10,3	4,1	4,8	5,2	4,2	4,4	24,7	31,0	28,4	27,3	27,3	39,3
Chernihiv	38,8	20,2	37,9	37,5	40,2	39,0	63,2	44,0	46,2	45,4	45,1	47,0
<b>cities</b>												
Kyiv	53,3	32,6	34,8	33,6	26,4	26,5	69,8	137,8	165,1	176,5	191,0	190,8
Sevastopol	6,9	2,6	3,5	4,2	4,3	4,6	7,8	17,0	26,6	21,0	18,9	14,9

**24.13. Stationary pollutant emissions into the atmosphere in 2007,  
by type of economic activity**

	Polluting enterprises	Pollutants		Average emission per enterprise, t
		thsd. t	percent of the previous year	
<b>Total</b>	<b>10921</b>	<b>4813,3</b>	<b>99,8</b>	<b>440,7</b>
Agriculture, hunting and related services	935	50,7	86,0	54,3
Forestry and related services	124	2,3	92,2	18,7
Fishing, fishery	20	0,1	82,2	5,7
Mining	498	1017,5	97,8	2043,1
mining of fuel and energy minerals	266	783,1	95,3	2943,9
mining operations apart from fuel and energy minerals	232	234,4	107,0	1010,4
Manufacturing	4437	1780,8	103,8	401,4
including				
production of foodstuffs, beverages and tobacco products	1468	43,0	83,4	29,3
production of coke and refined petroleum products	49	99,3	99,0	2026,3
production of chemicals	179	90,8	94,2	507,2
production of other non-metallic mineral products	628	101,6	114,7	161,7
metallurgy and production of finished metal products	374	1398,0	105,4	3738,1
manufacture of transport vehicles and equipment	183	9,7	98,6	53,2
Production and distribution of electricity, gas and water	773	1658,5	96,7	2145,6
Construction	855	31,5	79,6	36,8
Activity of transport and communications	1168	227,7	112,3	194,9
including activity of surface transport	477	210,8	114,7	442,0
Other types of economic activity	2111	44,2	89,7	20,9



NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.14. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns**

(thsd. t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>9439,1</b>	<b>5687,0</b>	<b>3959,4</b>	<b>4054,8</b>	<b>4075,0</b>	<b>4087,8</b>	<b>4151,9</b>	<b>4464,1</b>	<b>4822,2</b>	<b>4813,3</b>
<b>Autonomous Republic of Crimea</b>	<b>315,9</b>	<b>83,7</b>	<b>33,5</b>	<b>32,6</b>	<b>31,7</b>	<b>42,2</b>	<b>35,1</b>	<b>35,1</b>	<b>34,2</b>	<b>33,8</b>
of which										
Simferopol	12,0	4,2	2,0	2,0	1,6	1,8	1,7	2,1	1,9	2,0
Armyansk	0,1	10,1	6,1	6,4	5,1	7,4	9,8	9,7	9,7	10,1
Kerch	223,2	51,4	10,6	8,3	5,5	5,7	4,4	2,5	2,4	2,4
Krasnoperekopsk	50,1	9,0	8,6	7,5	8,0	8,7	9,9	10,8	10,0	9,3
Yalta	1,5	1,2	0,8	1,1	1,0	1,1	1,1	1,3	0,8	0,7
<b>oblasts</b>										
<b>Vinnitsya</b>	<b>180,2</b>	<b>127,0</b>	<b>80,1</b>	<b>71,7</b>	<b>57,8</b>	<b>59,4</b>	<b>76,8</b>	<b>107,4</b>	<b>135,4</b>	<b>152,4</b>
of which										
Vinnitsya city	10,7	4,6	2,1	2,1	2,1	2,2	3,2	5,1	5,0	4,8
Ladyzhyn	...	...	62,9	55,6	41,9	45,3	60,2	87,1	115,3	132,0
<b>Volyn</b>	<b>33,9</b>	<b>15,3</b>	<b>10,3</b>	<b>8,7</b>	<b>7,6</b>	<b>6,6</b>	<b>8,5</b>	<b>10,1</b>	<b>12,2</b>	<b>11,5</b>
of which										
Lutsk	6,2	2,9	2,1	1,4	1,3	1,6	1,6	1,8	1,9	1,5
Novovolynsk	...	...	2,8	2,4	2,1	0,5	0,6	0,7	0,6	0,6
Kovel	...	...	1,7	1,2	0,6	0,4	0,6	1,1	3,6	5,0
<b>Dnipropetrovsk</b>	<b>2170,1</b>	<b>1031,2</b>	<b>783,6</b>	<b>848,6</b>	<b>888,6</b>	<b>834,0</b>	<b>873,9</b>	<b>993,7</b>	<b>1101,1</b>	<b>1119,0</b>
of which										
Dnipropetrovsk city	254,1	177,1	97,3	118,9	106,5	115,5	111,1	128,8	127,1	122,8
Dniprodzerzhynsk	268,2	84,6	105,0	111,2	126,7	128,4	127,1	126,1	128,1	120,7
Zelenodolsk	...	...	79,4	86,5	107,8	76,0	89,7	108,6	150,4	142,6
Kryviy Rih	1041,7	454,7	443,4	454,9	465,2	425,2	446,0	523,9	577,5	608,5
Nikopol	68,2	38,8	28,4	27,5	23,4	18,9	25,2	24,6	28,1	32,2
<b>Donetsk</b>	<b>2539,2</b>	<b>2136,5</b>	<b>1590,0</b>	<b>1588,7</b>	<b>1580,7</b>	<b>1576,8</b>	<b>1598,3</b>	<b>1638,1</b>	<b>1659,7</b>	<b>1653,4</b>
of which										
Donetsk city	171,0	298,7	197,9	165,9	168,0	161,1	197,5	168,9	140,0	125,9
Avdyivka	57,1	35,2	37,4	35,1	31,1	32,9	31,9	23,8	19,6	21,2
Vuhledar	...	...	23,2	17,9	28,4	19,9	34,6	31,8	33,0	30,9
Horlivka	79,4	130,6	50,4	44,8	40,7	48,1	39,7	45,6	44,2	37,4
Debaltseve <sup>1</sup>	231,7	149,9	108,6	131,9	123,6	117,8	98,9	95,5	120,1	101,9
Dzerzhynsk	15,2	32,6	31,6	29,7	27,7	24,4	21,8	20,1	18,3	15,0
Dobropillya	...	...	8,6	15,9	15,8	11,9	43,8	34,1	42,8	45,2
Yenakiyev	125,4	174,0	74,8	83,1	82,6	78,2	78,7	66,1	62,9	65,1
Zuhres	...	...	70,8	53,2	50,9	52,2	35,0	61,3	77,6	83,6
Kirovske	...	...	35,6	35,1	24,8	21,0	14,6	57,1	61,9	57,1
Kurahove	...	...	117,2	181,0	30,8	104,2	90,5	103,4	139,1	160,2
Krasnoarmiysk	...	...	21,7	21,2	39,9	39,4	39,8	38,3	41,0	29,5
Makiivka	305,2	121,2	103,7	103,0	109,4	112,3	119,4	124,8	123,5	131,5
Mariupol	610,2	340,4	340,4	363,6	370,0	401,6	418,9	425,7	397,3	421,1
Novy Svit	...	...	121,8	89,6	112,8	134,2	105,6	123,7	117,1	108,6
Novoamvrosiyske	...	...	0,6	—	0,0	1,8	11,0	6,7	9,4	12,4
Rayhorodok	...	...	32,4	26,4	40,9	44,0	48,4	48,9	49,2	45,0
Rodynske	...	...	20,6	20,1	38,7	38,1	38,7	37,1	40,1	28,9
Slovyansk	84,0	69,7	2,0	1,9	1,8	1,6	2,1	2,5	2,2	2,0
Svitlodarske	...	...	94,3	118,7	115,8	112,1	93,9	90,6	110,9	87,7
Khartsyzk	...	...	88,4	70,2	65,8	67,6	43,3	68,9	84,3	91,4
<b>Zhytomyr</b>	<b>84,8</b>	<b>30,6</b>	<b>12,3</b>	<b>13,1</b>	<b>12,7</b>	<b>16,0</b>	<b>19,7</b>	<b>13,4</b>	<b>15,6</b>	<b>19,2</b>
of which										
Zhytomyr city	11,1	3,7	2,1	2,7	2,9	4,2	3,3	3,0	1,9	1,8
Berdychiv	...	...	1,5	1,7	1,9	2,1	2,7	2,2	3,9	5,8
Korosten	...	...	1,2	1,0	0,8	1,0	1,0	0,8	0,8	0,6

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.14 is continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Zakarpattia</b>	<b>38,2</b>	<b>13,2</b>	<b>7,7</b>	<b>7,8</b>	<b>7,8</b>	<b>12,5</b>	<b>9,6</b>	<b>26,6</b>	<b>25,6</b>	<b>22,9</b>
of which										
Uzhgorod	2,2	0,8	0,7	0,8	0,7	0,9	0,7	3,1	3,2	2,9
Vynohradiv	...	...	0,2	0,3	0,1	0,2	0,1	0,0	3,0	3,0
Volovets	...	...	1,0	0,9	0,9	1,6	2,1	2,0	1,8	1,8
<b>Zaporizhzhya</b>	<b>587,5</b>	<b>268,8</b>	<b>231,2</b>	<b>233,3</b>	<b>233,5</b>	<b>235,8</b>	<b>230,5</b>	<b>262,0</b>	<b>258,1</b>	<b>231,6</b>
of which										
Zaporizhzhya city	246,3	143,4	135,5	125,7	123,9	130,5	151,9	153,9	149,5	147,5
Enerhodar	273,3	101,0	80,8	92,6	95,7	91,4	66,8	98,4	98,1	75,5
<b>Ivano-Frankivsk</b>	<b>403,3</b>	<b>271,7</b>	<b>141,0</b>	<b>143,8</b>	<b>149,0</b>	<b>181,3</b>	<b>176,6</b>	<b>204,2</b>	<b>269,3</b>	<b>269,9</b>
of which										
Ivano-Frankivsk city	5,6	2,7	0,8	0,7	0,7	0,7	0,7	0,7	0,6	0,6
Burshtyn	308,1	220,0	118,9	118,9	126,6	153,5	150,1	176,5	238,5	246,1
<b>Kyiv</b>	<b>219,9</b>	<b>122,6</b>	<b>80,8</b>	<b>87,4</b>	<b>93,0</b>	<b>75,3</b>	<b>78,8</b>	<b>73,0</b>	<b>108,3</b>	<b>93,3</b>
of which										
Bohuslav	...	...	0,1	0,2	0,1	0,2	3,0	3,3	3,0	1,9
Boyarka	...	...	0,1	0,3	0,3	0,4	1,2	0,4	8,0	7,1
Bila Tserkva	25,4	5,1	3,0	3,7	2,9	2,5	2,7	2,3	2,2	1,7
Ukrayinka	...	...	64,5	69,8	77,9	58,9	59,3	53,2	74,6	65,8
Yagotyn	...	...	2,5	2,1	0,2	2,4	2,6	2,2	7,5	6,5
<b>Kirovohrad</b>	<b>171,7</b>	<b>84,3</b>	<b>44,7</b>	<b>47,2</b>	<b>36,9</b>	<b>28,8</b>	<b>29,4</b>	<b>33,0</b>	<b>22,6</b>	<b>20,2</b>
of which										
Kirovohrad	23,4	3,6	2,2	2,3	2,3	2,6	2,9	2,4	2,9	3,1
Dymytrove	...	...	23,5	24,1	15,5	12,6	8,4	9,7	5,5	5,6
Oleksandriya <sup>2</sup>	102,4	51,8	32,1	33,7	24,7	16,1	11,6	12,5	6,7	5,8
<b>Luhansk</b>	<b>862,3</b>	<b>578,1</b>	<b>429,0</b>	<b>439,6</b>	<b>438,5</b>	<b>479,1</b>	<b>453,0</b>	<b>474,7</b>	<b>517,1</b>	<b>542,7</b>
of which										
Luhansk city <sup>3</sup>	204,4	79,5	144,2	129,9	133,8	138,3	112,0	118,8	140,8	150,6
Alchevsk	...	...	78,7	91,7	82,4	92,7	108,1	104,8	102,2	115,9
Krasniy Luch	31,0	41,5	20,1	7,1	12,2	15,1	16,8	16,7	14,1	19,2
Krasnodon <sup>4</sup>	...	...	26,0	47,7	45,3	76,0	58,8	73,0	93,0	90,5
Lysychansk	129,1	42,6	32,1	40,5	46,8	36,8	40,3	45,1	40,2	37,9
Molodohvardiysk	...	...	12,6	16,8	16,7	23,7	32,0	30,2	35,1	29,6
Perevalsk	...	...	10,7	7,6	7,5	8,9	6,6	6,1	5,9	5,8
Samsonivka	...	...	5,2	16,9	17,3	14,8	12,9	13,5	18,1	28,9
Sukhodilsk	...	...	9,9	26,0	25,1	49,1	23,9	40,3	55,8	58,3
Stakhanov	76,1	45,5	19,7	20,1	17,7	21,0	26,3	29,2	26,9	28,7
Schastya	...	...	140,4	124,4	128,3	132,2	104,4	112,9	131,8	140,2
<b>Lviv</b>	<b>271,9</b>	<b>124,6</b>	<b>108,6</b>	<b>114,5</b>	<b>97,8</b>	<b>96,1</b>	<b>89,9</b>	<b>95,8</b>	<b>110,6</b>	<b>110,5</b>
of which										
Lviv city	13,5	5,8	3,1	3,9	3,6	3,5	2,9	2,8	2,2	2,2
Dobrotvir	...	...	73,0	73,4	57,8	53,2	46,9	51,5	59,8	52,6
<b>Mykolayiv</b>	<b>98,6</b>	<b>34,6</b>	<b>11,4</b>	<b>13,3</b>	<b>15,4</b>	<b>15,4</b>	<b>22,2</b>	<b>24,3</b>	<b>21,2</b>	<b>22,6</b>
of which										
Mykolayiv city	38,1	15,2	5,7	6,6	6,4	6,3	6,6	6,5	6,5	6,1
Olshanske	...	...	2,3	2,7	3,9	3,6	4,7	6,0	5,9	6,9
<b>Odesa</b>	<b>129,0</b>	<b>42,9</b>	<b>23,2</b>	<b>20,8</b>	<b>24,7</b>	<b>26,4</b>	<b>29,2</b>	<b>40,5</b>	<b>42,0</b>	<b>35,8</b>
of which										
Odesa city	80,6	19,1	9,4	8,6	9,3	7,7	9,9	21,1	21,8	17,5
Berezivka	...	...	0,3	0,2	0,6	0,1	1,3	1,8	2,1	1,9
Illichivsk	...	...	1,2	1,0	1,0	0,7	0,5	1,4	2,2	1,7
Kotovsk	...	...	2,1	0,7	1,0	1,5	1,4	1,3	1,1	0,7
Yuzhne	...	...	2,2	2,3	2,0	2,2	2,5	2,8	2,9	2,7

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.14 is continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Poltava</b>	<b>220,7</b>	<b>126,2</b>	<b>60,4</b>	<b>64,9</b>	<b>71,8</b>	<b>68,0</b>	<b>72,4</b>	<b>68,4</b>	<b>93,1</b>	<b>100,2</b>
of which										
Poltava city	9,3	5,4	2,9	2,9	2,9	3,5	2,5	2,4	2,5	2,5
Komsomolsk	...	...	7,1	7,2	7,2	7,1	9,1	9,6	9,9	9,9
Kremenchuk	151,4	70,6	24,9	27,8	35,8	31,2	33,4	28,7	28,9	28,0
<b>Rivne</b>	<b>63,5</b>	<b>25,3</b>	<b>14,1</b>	<b>14,9</b>	<b>15,3</b>	<b>16,8</b>	<b>15,8</b>	<b>17,3</b>	<b>17,9</b>	<b>18,5</b>
of which										
Rivne city	12,0	5,1	4,2	3,4	4,2	3,9	3,5	3,3	3,9	4,4
Zdolbuniv	...	...	2,8	3,2	3,4	4,2	5,0	5,5	4,5	4,6
<b>Sumy</b>	<b>117,8</b>	<b>42,5</b>	<b>26,3</b>	<b>30,5</b>	<b>29,0</b>	<b>27,8</b>	<b>30,2</b>	<b>26,1</b>	<b>28,4</b>	<b>29,1</b>
of which										
Sumy city	20,5	6,3	8,0	9,5	15,6	7,8	8,5	8,6	8,1	9,3
Konotop	18,7	2,6	1,4	1,1	1,1	1,1	0,9	0,7	0,6	0,5
Shostka	14,1	2,6	1,4	1,0	1,2	1,5	0,6	0,5	0,3	0,4
<b>Ternopil</b>	<b>71,6</b>	<b>21,9</b>	<b>9,2</b>	<b>9,6</b>	<b>9,3</b>	<b>10,3</b>	<b>12,6</b>	<b>14,8</b>	<b>19,4</b>	<b>20,5</b>
of which										
Ternopil city	8,7	3,2	1,1	1,0	0,9	1,0	0,8	0,8	0,8	0,8
Velyki Birky	...	...	0,6	1,0	1,1	0,5	0,8	2,3	7,2	7,5
Kremenets	...	...	0,9	1,2	0,8	0,8	0,5	0,5	0,6	1,6
<b>Kharkiv</b>	<b>355,9</b>	<b>241,2</b>	<b>143,7</b>	<b>156,1</b>	<b>151,6</b>	<b>148,3</b>	<b>148,0</b>	<b>158,7</b>	<b>182,4</b>	<b>160,1</b>
of which										
Kharkiv city	52,8	50,6	20,6	17,1	13,7	10,7	6,9	6,9	6,7	6,2
Balakliya	...	...	4,6	3,7	5,8	5,9	7,0	9,1	9,1	12,1
Komsomolske	...	...	95,2	103,5	100,5	99,3	84,8	104,4	123,6	98,8
Chervoniy Donets	...	...	8,2	6,8	3,3	3,9	8,1	4,0	5,1	7,5
<b>Kherson</b>	<b>74,7</b>	<b>37,5</b>	<b>11,6</b>	<b>10,1</b>	<b>9,3</b>	<b>9,3</b>	<b>8,7</b>	<b>11,0</b>	<b>14,8</b>	<b>9,4</b>
of which										
Kherson city	51,2	24,8	8,0	7,5	6,7	6,9	6,5	9,2	13,1	7,8
<b>Khmelnyskiy</b>	<b>125,2</b>	<b>54,4</b>	<b>18,4</b>	<b>18,7</b>	<b>22,3</b>	<b>18,0</b>	<b>16,9</b>	<b>16,0</b>	<b>17,9</b>	<b>23,4</b>
of which										
Khmelnyskiy city	7,9	5,6	2,9	2,8	2,7	2,0	1,3	1,2	1,1	1,1
Humensi	...	...	2,2	3,6	3,9	5,3	6,2	7,2	7,1	12,6
Krasyliv	...	...	1,6	1,5	5,3	1,7	2,2	1,9	3,7	4,1
Slavuta	...	...	1,9	1,9	2,4	2,1	1,3	1,2	1,0	0,7
Starokostyantyniv	...	...	0,8	0,6	0,7	0,5	0,3	0,3	0,5	0,4
<b>Cherkasy</b>	<b>129,7</b>	<b>63,6</b>	<b>28,8</b>	<b>26,0</b>	<b>29,3</b>	<b>36,7</b>	<b>34,8</b>	<b>39,4</b>	<b>40,2</b>	<b>38,8</b>
of which										
Cherkasy city	31,5	22,8	16,8	13,3	14,8	20,8	17,3	21,4	19,1	18,4
Smila	...	...	1,3	1,3	1,4	1,7	1,2	1,8	1,5	0,7
Talne	...	...	0,8	0,7	0,9	0,9	1,5	2,2	2,1	1,8
<b>Chernivtsi</b>	<b>25,9</b>	<b>10,3</b>	<b>4,1</b>	<b>4,6</b>	<b>5,6</b>	<b>6,0</b>	<b>4,8</b>	<b>5,2</b>	<b>4,2</b>	<b>4,4</b>
of which										
Chernivtsi city	9,7	2,8	1,4	1,6	1,7	1,8	1,6	1,4	1,4	1,2
<b>Chernihiv</b>	<b>81,6</b>	<b>38,8</b>	<b>20,2</b>	<b>18,2</b>	<b>21,6</b>	<b>26,1</b>	<b>37,9</b>	<b>37,5</b>	<b>40,2</b>	<b>39,0</b>
of which										
Chernihiv city	29,4	9,2	8,0	6,2	8,3	13,4	17,0	12,3	13,2	13,0
Nizhyn	...	...	1,2	1,2	1,4	1,5	1,4	1,6	1,4	1,1
Olyshivka	...	...	1,3	1,2	1,7	1,5	1,3	1,6	3,4	4,3
<b>cities</b>										
<b>Kyiv</b>	<b>54,7</b>	<b>53,3</b>	<b>32,6</b>	<b>27,8</b>	<b>31,6</b>	<b>31,6</b>	<b>34,8</b>	<b>33,6</b>	<b>26,4</b>	<b>26,5</b>
<b>Sevastopol</b>	<b>11,3</b>	<b>6,9</b>	<b>2,6</b>	<b>2,3</b>	<b>2,6</b>	<b>3,2</b>	<b>3,5</b>	<b>4,2</b>	<b>4,3</b>	<b>4,6</b>

<sup>1</sup> Data on the Debaltseve city council include emissions for the city of Svitlodarske subordinated to it

<sup>2</sup> Data on the Oleksandria city council include emissions from Dnipro subordinated to it

<sup>3</sup> Data for the Luhansk city council include emissions from Schastya subordinated to it

<sup>4</sup> Data on the Krasnodon city council include emissions for the cities of Molodohvardiysk and Suhodilsk subordinated to it

**24.15. Pollutant emissions into the atmosphere from movable sources of pollution in 2007, by region<sup>1</sup>***(thsd. t)*

	Total pollution	Including						
		carbonic oxide	methane	nitrogen peroxide	nitrogen oxide	soot	sulfur dioxide	nonmethane volatile organic compounds
<b>Ukraine</b>	<b>2566,7</b>	<b>1897,1</b>	<b>9,2</b>	<b>305,3</b>	<b>2,4</b>	<b>33,1</b>	<b>29,5</b>	<b>289,9</b>
Autonomous Republic of Crimea	114,6	86,7	0,4	11,9	0,1	1,1	1,0	13,4
<b>oblasts</b>								
Vinnitsya	84,3	62,2	0,3	10,3	0,1	1,1	1,0	9,3
Volyn	54,9	40,4	0,2	6,7	0,0	1,0	0,7	5,8
Dnipropetrovsk	205,7	149,9	0,7	25,5	0,2	3,1	2,7	23,6
Donetsk	217,8	160,7	0,8	26,6	0,2	2,5	2,4	24,5
Zhytomyr	64,5	48,1	0,2	7,5	0,1	0,8	0,7	7,1
Zakarpattia	65,3	49,3	0,2	6,6	0,1	0,8	0,7	7,6
Zaporizhzhya	116,0	86,8	0,4	12,7	0,1	1,3	1,2	13,5
Ivano-Frankivsk	55,3	41,7	0,2	5,9	0,0	0,7	0,6	6,2
Kyiv	158,0	119,1	0,6	16,4	0,1	1,8	1,7	18,3
Kirovohrad	60,1	44,5	0,3	7,1	0,0	0,7	0,7	6,8
Luhansk	89,7	67,7	0,3	9,6	0,1	0,9	0,9	10,2
Lviv	142,6	105,4	0,5	16,9	0,1	2,2	1,7	15,8
Mykolayiv	64,0	45,7	0,2	9,2	0,1	1,1	0,9	6,8
Odesa	153,5	108,2	0,6	22,8	0,2	2,6	2,1	17,0
Poltava	105,5	74,7	0,4	16,0	0,1	1,7	1,6	11,0
Rivne	47,7	33,8	0,2	7,2	0,1	0,8	0,7	4,9
Sumy	59,3	44,8	0,2	6,5	0,1	0,6	0,6	6,5
Ternopil	45,6	33,3	0,2	5,8	0,0	0,6	0,6	5,1
Kharkiv	136,6	102,1	0,5	16,0	0,1	1,5	1,5	14,9
Kherson	68,2	50,2	0,2	8,2	0,1	0,9	0,8	7,8
Khmelnyskiy	64,1	47,9	0,2	7,1	0,1	0,8	0,8	7,2
Cherkasy	80,5	59,3	0,3	9,8	0,1	1,1	1,0	8,9
Chernivtsi	41,5	30,9	0,1	4,7	0,0	0,6	0,5	4,7
Chernihiv	51,6	39,3	0,2	5,4	0,0	0,5	0,5	5,7
<b>cities</b>								
Kyiv	204,0	152,5	0,7	21,3	0,2	2,1	1,8	25,4
Sevastopol	15,8	11,9	0,1	1,6	0,0	0,2	0,1	1,9

<sup>1</sup> Including emission from automobile, railway, aviation and water transport, manufacturing techniques

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.16. Implementation of air protection measures in 2007**

	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
<b>Total</b>	<b>692</b>	<b>897,3</b>	<b>965,8</b>	<b>206,3</b>	<b>73,4</b>
including					
improvements to technological processes (including change overs to other types of fuels, raw materials, etc.)	147	318,1	334,2	140,9	13,7
construction and new gas-cleaning installations and facilities put into services	57	254,8	317,2	35,0	28,0
improvements to efficiency of current waste treatment facilities (including their modernization, reconstruction, and repair)	265	227,1	213,2	10,4	9,4
liquidation of pollution sources	47	36,5	36,6	8,2	8,2
conversion of enterprises (shops, sectors) in order to produce other products	1	0,0	0,0	0,0	0,0
other measures	175	60,8	64,6	11,8	14,1

**WASTES OF 1<sup>ST</sup>–3<sup>RD</sup> HAZARD CATEGORY****24.17. Basic indicators for the treatment of wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category***(thsd. t)*

	2000	2001	2002	2003	2004	2005	2006	2007
Hazardous wastes generated	2613,2	2543,3	1728,8	2436,8	2420,3	2411,8	2370,9	2585,2
Received from other enterprises	56,4	23,4	19,0	143,0	196,8	172,3	156,1	129,9
of which from other countries	...	...	...	...	...	6,3	2,0	1,3
Used	1280,9	2170,1	1310,8	802,0	689,4	811,3	790,0	995,4
Neutralized (liquidated)	95,3	121,9	390,4	382,2	150,7	123,5	120,0	75,4
of which burned off	...	...	...	...	...	71,4	62,1	39,6
Transferred to other enterprises	646,2	480,7	188,5	2591,7	3306,3	2382,0	1879,6	1329,3
of which to other countries	...	...	...	...	...	32,3	14,2	20,0
Shipped to special sites or facilities	760,6	640,0	726,9	931,7	1102,8	948,5	1057,0	990,6
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
Lost (vaporization, drain, fires, etc.)	...	...	...	...	...	106,6	12,7	24,2
Hazardous wastes stock at special sites or facilities and on the territory of the enterprises	26244,1	23002,0	18728,5	31304,0	28349,0	21674,0	20121,5	20131,8
per 1 sq. km, t	43,5	38,1	31,0	51,9	47,0	35,9	33,3	33,4

**24.18. Generation of wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category, by hazard category***(thsd. t)*

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>2613,2</b>	<b>2543,3</b>	<b>1728,8</b>	<b>2436,8</b>	<b>2420,3</b>	<b>2411,8</b>	<b>2370,9</b>	<b>2585,2</b>
including								
1 <sup>st</sup> hazard category	13,9	26,6	8,5	8,9	5,9	12,6	15,0	12,8
2 <sup>nd</sup> hazard category	176,0	181,5	332,0	488,0	298,5	320,8	414,0	430,7

**24.19. Stock of wastes of 1<sup>st</sup>–3<sup>rd</sup> 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
<b>Total</b>	<b>26244,1</b>	<b>23002,0</b>	<b>18728,5</b>	<b>31304,0</b>	<b>28349,0</b>	<b>21674,0</b>	<b>20121,5</b>	<b>20131,8</b>
including								
1 <sup>st</sup> hazard category	149,1	151,0	43,2	42,4	42,2	38,6	39,0	36,2
2 <sup>nd</sup> hazard category	1685,2	1851,7	1810,9	1936,1	2043,8	1846,9	1886,2	2108,7

**24.20. Generation of wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category, by region***(thsd. t)*

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Ukraine</b>	<b>2613,2</b>	<b>2543,3</b>	<b>1728,8</b>	<b>2436,8</b>	<b>2420,3</b>	<b>2411,8</b>	<b>2370,9</b>	<b>2585,2</b>
Autonomous Republic of Crimea	67,9	75,3	58,4	80,1	110,7	126,3	180,3	216,6
<b>oblasts</b>								
Vinnitsya	0,5	0,9	2,5	0,5	0,5	4,1	8,4	5,8
Volyn	0,3	0,5	1,6	1,1	0,7	1,1	0,9	1,0
Dnipropetrovsk	980,8	1013,9	298,8	250,2	309,0	296,8	303,7	403,2
Donetsk	110,7	238,0	259,0	914,1	1025,6	675,5	700,3	807,1
Zhytomyr	0,2	0,2	0,5	0,3	0,4	6,5	5,1	5,6
Zakarpattia	6,3	4,5	1,7	1,2	1,9	191,3	21,1	6,2
Zaporizhzhya	375,9	354,8	336,4	318,3	405,9	430,0	428,9	394,7
Ivano-Frankivsk	15,4	16,6	14,5	15,0	17,5	20,5	12,4	9,8
Kyiv	0,6	0,6	1,4	15,7	12,7	9,1	8,8	7,4
Kirovohrad	0,5	0,4	0,3	0,3	0,3	0,7	2,7	3,1
Luhansk	150,4	134,1	277,7	423,6	118,5	120,7	62,9	79,2
Lviv	1,1	2,2	2,5	2,2	1,1	0,8	3,7	2,9
Mykolayiv	455,2	365,2	298,3	215,5	196,2	197,3	238,1	211,5
Odesa	12,0	5,1	14,1	32,4	15,2	5,5	6,2	7,2
Poltava	39,4	22,6	12,1	22,5	34,9	70,8	108,7	145,6
Rivne	3,7	3,7	3,7	4,0	5,9	7,0	5,2	3,5
Sumy	101,6	113,1	93,6	91,6	124,5	135,7	133,6	123,8
Ternopil	0,4	0,4	0,4	0,4	0,3	0,4	0,3	0,3
Kharkiv	261,2	148,3	27,7	21,8	19,7	66,4	81,1	91,3
Kherson	1,9	6,5	6,0	7,2	2,5	18,0	27,6	28,6
Khmelnyskiy	0,2	0,4	0,4	0,3	0,3	1,0	1,2	1,8
Cherkasy	3,0	3,6	3,9	6,1	6,8	8,2	7,5	5,6
Chernivtsi	0,1	0,1	0,1	0,1	0,1	0,5	0,2	0,2
Chernihiv	18,3	7,4	8,6	7,9	5,8	9,0	12,4	9,0
<b>cities</b>								
Kyiv	4,7	24,5	3,7	3,8	3,0	7,4	8,9	13,5
Sevastopol	0,9	0,4	0,9	0,6	0,3	1,2	0,7	0,7

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.21. Stock of wastes of 1<sup>st</sup>–3<sup>rd</sup> 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
<b>Ukraine</b>	<b>26244,1</b>	<b>23002,0</b>	<b>18728,5</b>	<b>31304,0</b>	<b>28349,0</b>	<b>21674,0</b>	<b>20121,5</b>	<b>20131,8</b>
Autonomous Republic of Crimea	636,7	658,8	699,6	765,7	856,6	966,5	1129,5	1326,7
<b>oblasts</b>								
Vinnitsya	5,5	6,0	3,7	3,7	0,9	1,2	0,8	0,5
Volyn	0,4	0,7	1,4	0,8	0,6	0,7	0,7	1,3
Dnipropetrovsk	9114,9	9018,9	3511,5	1022,9	957,7	951,3	943,4	946,3
Donetsk	2156,2	2084,2	2202,6	17418,5	14171,6	7270,1	6347,6	6182,8
Zhytomyr	0,9	0,8	0,9	1,3	1,0	20,4	24,4	27,6
Zakarpattia	0,6	0,7	0,9	0,6	0,2	392,3	4,1	0,5
Zaporizhzhya	6002,5	6135,5	6433,4	6328,7	6684,5	7477,1	7885,5	7844,1
Ivano-Frankivsk	640,6	53,2	50,0	51,6	50,3	48,9	51,2	55,0
Kyiv	11,1	6,4	6,8	11,1	10,4	158,4	158,6	159,8
Kirovohrad	14,8	14,9	14,8	14,7	14,7	15,2	16,0	15,2
Luhansk	3440,3	912,1	1571,5	1709,9	1741,0	1744,6	889,4	928,8
Lviv	445,8	346,1	344,7	344,6	277,0	240,5	238,9	238,8
Mykolayiv	1933,8	1829,7	1290,1	942,8	829,1	679,8	543,4	455,8
Odesa	166,8	165,5	889,9	920,2	932,9	1,9	2,5	1,5
Poltava	23,0	13,8	15,0	18,6	37,8	3,7	9,4	11,5
Rivne	4,6	6,4	7,5	8,3	9,3	9,9	10,4	12,3
Sumy	1245,2	1357,2	1425,2	1497,7	1597,7	1661,4	1753,1	1812,0
Ternopil	0,3	0,4	0,5	0,5	0,2	0,1	0,1	0,2
Kharkiv	65,6	62,9	65,7	68,5	5,4	8,8	90,8	95,0
Kherson	149,5	147,5	10,6	8,9	6,4	6,8	6,9	6,8
Khmelnyskiy	2,4	2,5	2,6	2,5	2,4	2,0	2,0	2,0
Cherkasy	7,2	2,9	3,1	1,1	1,0	2,1	2,8	1,0
Chernivtsi	0,2	0,2	0,2	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
<b>cities</b>								
Kyiv	171,4	169,6	170,2	154,3	154,6	3,1	2,9	2,8
Sevastopol	0,5	0,6	0,9	0,5	0,5	0,5	0,5	0,3



NATURAL RESOURCES AND ENVIRONMENT PROTECTION

USE OF ENVIRONMENT, ECONOMIC INDICATORS

24.22. Capital investment and current costs for environmental protection

	1996	2000	2001	2002	2003	2004	2005	2006	2007
Costs for environmental protection, mln. UAH	2698,5	3224,3	3675,8	3827,3	4508,9	5987,7	7089,2	7366,6	9691,0
including capital investment	520,6	605,9	772,1	759,8	1146,9	1835,5	1775,6	2194,2	3080,7
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
current costs	2177,9	2618,4	2903,7	3080,1	3362,0	4152,2	5313,6	5172,4	6610,3
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
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
current costs	1,3	1,3	2,0	2,0	2,0	2,1	2,1	1,8	2,2

24.23. Structure of capital investment for environmental protection, by purpose

(percent)

	1996	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
By purpose									
air protection and climate	22,2	17,0	28,5	22,2	23,5	38,6	30,6	37,7	44,8
purification of waste waters <sup>1</sup>	50,9	52,3	45,2	46,2	47,4	41,4	41,4	30,5	26,3
waste treatment	14,8	2,8	6,0	4,3	6,0	6,1	10,5	16,9	12,6
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
noise and vibration reduction	...	...	...	...	...	...	...	1,8	2,4
conservancy of biological diversity and habitat	0,3	0,5	0,2	0,3	0,6	0,7	0,6	0,3	0,6
radiation safety	...	...	...	...	...	...	...	0,2	0,0
researches on environmental protection	...	...	...	...	...	...	...	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

<sup>1</sup> In 1996–2005 including capital investment on protection and water resources conservation

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.24. Structure of current costs for environmental protection, by purpose**

(percent)

	1996	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
By purpose									
air protection and climate	20,1	13,4	13,3	13,5	13,2	14,6	16,5	14,4	17,3
purification of waste waters <sup>1</sup>	53,5	65,5	62,7	63,0	62,3	56,6	54,8	50,4	46,8
waste treatment	21,3	10,6	11,3	13,1	14,2	18,0	17,4	24,9	26,8
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
noise and vibration reduction	...	...	...	...	...	...	...	0,2	0,0
conservancy of biological diversity and habitat	0,8	1,1	1,7	1,6	2,1	2,6	2,5	1,5	1,8
radiation safety	...	...	...	...	...	...	...	3,3	1,1
researches on environmental protection	...	...	...	...	...	...	...	0,4	0,5
other purposes of environmental protection activity	0,2	0,6	0,9	1,0	0,9	0,7	0,6	1,9	2,3

<sup>1</sup> 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
Sewage treatment facilities, thsd. cub. m per 24 hours (water-borne wastes)	343	131	74	225	33	56	171	37	225	86
including										
for industrial effluent	159	20	22	6	10	39	8	7	150	24
for municipal sewage	177	111	52	219	22	17	163	30	75	62
Reused water supply and waste systems, thsd. cub. m per 24 hours (reused water)	379	8693	20	2	27	4	0,1	24	6	—
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

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.26. Ecological payments**

	1996	2000	2001	2002	2003	2004	2005	2006	2007
Duties presented to enterprises, organizations, establishment for environmental pollution, mln. UAH	340,5	228,8	235,0	221,9	265,0	330,6	374,6	863,5	955,7
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
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
for pollutant emissions directly into waters	30,8	29,9	25,7	25,4	29,2	36,8	38,4	69,8	75,0
for waste disposal	42,5	73,6	75,1	76,3	99,4	110,1	123,0	291,8	322,0
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
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

## 25. INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES<sup>1</sup>

### 25.1. Population

(percent of the previous year)

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>Countries of the Commonwealth of Independent States (CIS)</b>									
Azerbaijan	101,2	100,8	100,8	100,7	100,8	100,9	101,0	101,1	101,1
Belarus	99,7	99,7	99,7	99,5	99,5	99,5	99,5	99,6	99,7
Armenia	98,0	99,4	99,4	99,5	99,6	99,6	99,7	99,7	99,7
Georgia <sup>2</sup>	97,4	99,2	99,3	99,3	99,4	99,8	101,0	100,8	...
Kazakhstan	98,0	99,7	99,8	100,0	100,3	100,7	100,9	101,1	101,1
Kyrgyzstan	101,0	101,1	100,8	100,8	100,9	101,1	101,0	100,9	100,8
Moldova, Republic of <sup>3</sup>	99,8	99,8	99,8	99,8	99,7	99,8	99,8	99,7	99,8
Russian Federation	100,0	99,6	99,6	99,5	99,5	99,5	99,5	99,6	...
Tajikistan	101,6	102,1	102,0	102,0	102,1	102,1	102,1	102,1	...
Uzbekistan	102,0	101,4	101,5	101,5	101,5	101,5	101,5	101,5	101,4
<b>Ukraine</b>	<b>99,2</b>	<b>99,1</b>	<b>99,1</b>	<b>99,1</b>	<b>99,2</b>	<b>99,2</b>	<b>99,3</b>	<b>99,3</b>	<b>99,4</b>
<b>Other Countries of the World</b>									
Austria	100,2	100,3	100,4	100,5	100,4	100,7	100,7	100,6	100,4
Albania	98,8	100,0	100,2	100,4	100,5	100,6	100,6	100,6	100,6
Belgium	100,2	100,2	100,3	100,5	100,4	100,4	100,5	100,7	100,2
Bulgaria	99,0	99,3	99,3	98,8	99,4	99,5	99,5	99,5	99,5
Bosnia and Herzegovina	...	99,4	101,0	101,2	99,3	100,3	100,3	100,1	100,3
Greece	100,8	100,3	100,3	100,3	100,3	100,4	100,2	100,3	100,3
Denmark	100,5	100,3	100,4	100,4	100,3	100,2	100,3	100,3	100,2
Estonia	98,0	99,5	99,6	99,6	99,6	100,0	99,4	99,8	99,9
Ireland	100,8	101,3	101,6	101,7	101,7	101,7	102,2	102,5	101,9
Iceland	100,4	101,4	101,4	101,1	100,3	101,4	101,0	102,7	101,3
Spain	100,1	100,8	101,1	101,5	101,7	101,6	101,7	101,5	101,4

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.1 is continued*

	1995	2000	2001	2002	2003	2004	2005	2006	2007
Italy	100,0	100,0	100,1	100,3	100,8	101,0	100,7	100,4	100,4
Canada	101,1	100,9	101,1	100,8	100,9	100,9	100,9	100,9	...
Cyprus	101,9	101,0	101,2	101,1	101,8	102,4	102,4	102,0	101,9
Latvia	98,6	99,2	99,2	99,3	99,4	99,5	99,4	99,5	99,5
Lithuania	99,2	99,3	99,5	99,7	99,6	99,5	99,4	99,4	99,5
Luxemburg	101,5	101,4	100,7	100,9	101,3	101,3	101,5	101,7	100,8
Malta	100,8	100,8	100,8	100,8	100,5	100,8	100,5	100,7	100,5
Netherlands	100,5	100,7	100,8	100,6	100,5	100,3	100,3	100,1	100,1
Germany	100,3	100,1	100,2	100,2	100,0	100,0	100,0	99,9	99,9
Norway	100,5	100,6	100,5	100,6	100,6	100,6	100,7	100,8	100,6
Poland	99,3	100,0	100,0	100,0	99,9	100,0	100,0	99,9	99,9
Portugal	100,3	100,5	100,7	100,7	100,7	100,6	100,4	100,3	100,4
Romania	99,4	99,5	99,5	99,5	99,5	99,5	99,5	99,6	99,6
Serbia	...	98,6	101,0	96,9	99,7	99,8	99,7	99,6	99,6
Slovakia	100,3	100,1	99,6	100,0	100,0	100,1	100,1	100,1	100,1
Slovenia	100,0	100,3	100,2	100,2	100,1	100,1	100,2	100,3	100,5
United Kingdom	100,3	100,3	100,4	100,4	100,4	100,5	100,6	100,6	100,3
USA	101,2	101,1	101,0	101,0	101,0	100,9	100,9	101,0	101,0
Turkey	101,8	101,6	101,5	101,4	101,4	101,3	101,3	101,3	101,3
Hungary	99,7	100,5	100,7	99,7	99,7	99,8	99,8	99,8	99,8
Finland	100,4	100,2	100,2	100,3	100,2	100,3	100,3	100,4	100,4
France	100,4	100,7	100,7	100,7	100,7	100,6	100,6	100,6	100,6
Croatia	100,4	96,2	101,3	100,1	100,0	100,0	100,0	100,0	100,0
Czech Republic	100,0	99,9	99,5	99,8	100,0	100,0	100,3	100,3	100,2
Switzerland	100,6	100,6	101,1	100,8	100,8	100,7	100,6	100,8	100,2
Sweden	100,5	100,2	100,3	100,3	100,4	100,4	100,4	100,6	100,8

<sup>1</sup> Based on data from the United Nations Economic Commission for Europe and publications of Interstate Statistical Committee of the CIS

<sup>2</sup> Excluding data for Abkhazia and South Ossetia

<sup>3</sup> 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
<b>CIS countries</b>									
Azerbaijan	25,9	18,9	14,8	13,8	13,8	14,0	16,1	17,2	17,8
Belarus	14,0	9,9	9,4	9,2	8,9	9,0	9,1	9,2	9,9
Armenia	22,5	13,0	10,6	10,0	10,1	11,2	11,7	11,7	11,7
Georgia	17,1	11,9 <sup>1</sup>	11,0 <sup>1</sup>	10,8 <sup>1</sup>	10,7 <sup>1</sup>	10,7 <sup>1</sup>	11,5 <sup>1</sup>	10,7 <sup>1</sup>	...
Kazakhstan	22,3	17,5	14,9	14,9	15,3	16,6	18,2	18,4	19,7
Kyrgyzstan	29,1	25,6	19,7	19,8	20,2	20,9	21,6	21,4	23,3
Moldova, Republic of	17,7	13,0 <sup>2</sup>	10,2 <sup>2</sup>	10,0 <sup>2</sup>	9,9 <sup>2</sup>	10,1 <sup>2</sup>	10,6 <sup>2</sup>	10,5 <sup>2</sup>	10,5 <sup>2</sup>
Russian Federation	13,4	9,3	8,7	9,0	9,7	10,2	10,4	10,2	10,4
Tajikistan	38,8	33,6	27,0	27,2	27,3	27,1	26,8	26,4	26,7
Uzbekistan	33,7	29,3	21,3	20,4	21,0	19,8	20,8	20,3	20,7
<b>Ukraine</b>	<b>12,6</b>	<b>9,6</b>	<b>7,8</b>	<b>7,7</b>	<b>8,1</b>	<b>8,5</b>	<b>9,0</b>	<b>9,0</b>	<b>9,8</b>
<b>Other countries of the World</b>									
Australia	15,4	14,2	13,0	12,7	12,7	12,6	12,7	12,9	...
Austria	11,6	11,0	9,8	9,4	9,7	9,5	9,7	9,5	9,4
Belgium	12,6	11,4	11,3	11,1	10,8	10,8	11,1	11,4	11,5
Bulgaria	12,1	8,6	9,1	8,6	8,5	8,6	9,0	9,2	9,6
Greece	10,2	9,7	9,5	9,3	9,4	9,5	9,6	9,7	10,0
Denmark	12,3	13,3	12,6	12,2	11,9	12,0	12,0	11,9	12,0
Estonia	14,2	9,1	9,5	9,3	9,6	9,6	10,4	10,7	11,0
Israel	22,2	21,1	21,7	21,2	21,2	21,7	21,3	21,3	...
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	14,8	15,1
Spain	10,2	9,1	9,9	10,0	10,1	10,5	10,6	10,7	10,7

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.2 is continued*

	1990	1995	2000	2001	2002	2003	2004	2005	2006
Italy	9,8	9,2	9,5	9,4	9,4	9,4	9,7	9,5	9,7
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	9,5
Lithuania	15,4	11,4	9,8	9,1	8,7	8,9	8,9	8,9	9,2
Luxemburg	13,0	13,2	13,1	12,4	12,0	11,8	12,0	11,7	12,1
Netherlands	13,3	12,3	13,0	12,6	12,5	12,3	11,9	11,5	11,3
Germany	11,4	9,4	9,3	8,9	8,7	8,6	8,6	8,3	8,2
New Zealand	17,9	15,8	14,7	14,4	13,7	14,0	14,3	...	...
Poland	14,4	11,2	9,9	9,6	9,3	9,2	9,3	9,5	9,8
Portugal	11,8	10,8	11,7	11,0	11,0	10,8	10,4	10,4	10,4
Romania	13,6	10,4	10,7	10,1	9,7	9,8	10,0	10,2	10,2
Slovakia	15,1	11,5	10,2	9,5	9,5	9,6	10,0	10,1	9,8
United Kingdom	13,9	12,5	11,5	11,3	11,3	11,7	12,0	12,1	12,2
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
Hungary	12,1	11,0	9,6	9,5	9,5	9,3	9,4	9,7	9,9
Finland	13,1	12,3	11,0	10,8	10,7	10,9	11,0	11,0	11,1
France	13,5	12,5	13,3	13,2	12,9	12,8	12,8	12,9	13,1
Czech Republic	12,6	9,3	8,8	8,9	9,1	9,2	9,6	10,0	10,3
Switzerland	12,5	11,7	10,9	10,0	9,9	9,8	9,9	9,8	9,8
Sweden	14,5	11,7	10,2	10,3	10,7	11,1	11,2	11,2	11,7
Japan	9,9	9,5	9,4	9,2	9,1	8,9	8,8	8,7	...

<sup>1</sup> See the second footnote to Table 25.1<sup>2</sup> 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
<b>CIS countries</b>									
Azerbaijan	6,1	6,7	5,9	5,7	5,8	6,0	6,1	6,3	6,2
Belarus	10,8	13,1	13,5	14,1	14,8	14,5	14,3	14,5	14,2
Armenia	6,2	6,6	7,5	7,5	8,0	8,1	8,0	8,2	8,5
Georgia	8,4	7,8 <sup>1</sup>	10,7 <sup>1</sup>	10,5 <sup>1</sup>	10,7 <sup>1</sup>	10,6 <sup>1</sup>	11,3 <sup>1</sup>	9,9 <sup>1</sup>	...
Kazakhstan	7,9	10,7	10,1	10,0	10,1	10,4	10,1	10,4	10,3
Kyrgyzstan	6,9	8,0	6,9	6,6	7,1	7,1	6,9	7,2	7,4
Moldova, Republic of	9,7	12,2 <sup>2</sup>	11,3 <sup>2</sup>	11,0 <sup>2</sup>	11,6 <sup>2</sup>	11,9 <sup>2</sup>	11,6 <sup>2</sup>	12,4 <sup>2</sup>	12,0 <sup>2</sup>
Russian Federation	11,2	15,0	15,3	15,6	16,2	16,4	16,0	16,1	15,2
Tajikistan	6,2	6,1	4,7	5,1	4,8	5,1	4,4	4,6	4,6
Uzbekistan	6,1	6,4	5,5	5,3	5,4	5,3	5,0	5,4	5,2
<b>Ukraine</b>	<b>12,1</b>	<b>15,4</b>	<b>15,4</b>	<b>15,3</b>	<b>15,7</b>	<b>16,0</b>	<b>16,0</b>	<b>16,6</b>	<b>16,2</b>
<b>Other countries of the World</b>									
Australia	7,0	6,9	6,7	6,6	6,8	6,7	6,6	6,4	...
Austria	10,6	10,1	9,6	9,3	9,4	9,5	9,1	9,1	9,0
Belgium	10,6	10,2	10,2	10,1	10,2	10,3	9,8	9,9	9,7
Bulgaria	12,5	13,6	14,3	14,2	14,3	14,3	14,2	14,6	14,7
Greece	9,3	9,6	9,6	9,4	9,5	9,6	9,5	9,5	9,4
Denmark	11,9	12,1	10,9	10,9	10,9	10,7	10,3	10,1	10,2
Estonia	12,4	14,1	13,4	13,6	13,5	13,4	13,2	12,9	13,1
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	6,3
Spain	8,5	8,8	9,0	8,8	8,9	9,2	8,7	8,9	8,6



## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.3 is continued*

	1990	1995	2000	2001	2002	2003	2004	2005	2006
Italy	9,4	9,7	9,8	9,7	9,7	10,2	9,4	10,0	9,3
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	14,6
Lithuania	10,8	12,5	11,1	11,6	11,8	11,9	12,0	12,8	13,2
Luxemburg	10,1	9,3	8,6	8,4	8,4	9,0	7,9	7,9	7,7
Netherlands	8,6	8,8	8,8	8,7	8,8	8,7	8,4	8,4	8,4
Germany	11,5	10,8	10,2	10,1	10,2	10,3	9,9	10,1	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
Portugal	10,4	10,5	10,3	10,2	10,2	10,4	9,7	10,2	9,7
Romania	10,6	12,0	11,7	11,9	12,4	12,3	11,9	12,1	12,0
Slovakia	10,3	9,8	9,8	9,7	9,6	9,7	9,6	9,9	9,8
United Kingdom	11,2	10,9	10,3	10,2	10,2	10,3	9,7	9,7	9,7
USA	8,6	8,8	8,5	8,5	8,5	8,4	8,2	...	...
Turkey	7,8	6,6	6,5	6,7	7,1	7,0	6,2	6,2	6,2
Hungary	14,0	14,2	13,3	13,0	13,1	13,4	13,1	13,5	13,1
Finland	10,0	9,6	9,5	9,4	9,5	9,4	9,1	9,1	9,1
France	9,3	9,1	8,9	8,9	8,9	9,1	8,3	8,5	8,4
Czech Republic	12,5	11,4	10,6	10,5	10,6	10,9	10,5	10,5	10,2
Switzerland	9,5	9,0	8,7	8,5	8,5	8,6	8,1	8,2	8,1
Sweden	11,1	11,0	10,5	10,5	10,6	10,4	10,1	10,2	10,0
Japan	6,7	7,4	7,6	7,6	7,7	8,0	8,1	8,1	...

<sup>1</sup> See the second footnote to Table 25.1<sup>2</sup> 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
<b>CIS countries</b>									
Azerbaijan	19,8	12,2	8,9	8,1	8,0	8,0	10,0	10,9	11,6
Belarus	3,2	-3,2	-4,1	-4,9	-5,9	-5,5	-5,2	-5,3	-4,3
Armenia	16,3	6,4	3,1	2,5	2,1	3,1	3,7	3,5	3,2
Georgia	7,8	1,5 <sup>1</sup>	0,3 <sup>1</sup>	0,3 <sup>1</sup>	0,0 <sup>1</sup>	0,1 <sup>1</sup>	0,2 <sup>1</sup>	0,8 <sup>1</sup>	...
Kazakhstan	14,4	6,8	4,8	4,9	5,2	6,2	8,1	8,0	9,4
Kyrgyzstan	22,2	17,6	12,8	13,2	13,1	13,8	14,7	14,2	15,9
Moldova, Republic of	8,0	0,8 <sup>2</sup>	-1,1 <sup>2</sup>	-1,0 <sup>2</sup>	-1,7 <sup>2</sup>	-1,8 <sup>2</sup>	-1,0 <sup>2</sup>	-1,9 <sup>2</sup>	-1,6 <sup>2</sup>
Russian Federation	2,2	-5,7	-6,6	-6,6	-6,5	-6,2	-5,6	-5,9	-4,8
Tajikistan	32,6	27,5	22,3	22,1	22,5	22,0	22,4	21,8	22,1
Uzbekistan	27,6	23,4	15,8	15,1	15,6	14,5	15,8	14,9	15,5
<b>Ukraine</b>	<b>0,5</b>	<b>-5,8</b>	<b>-7,6</b>	<b>-7,6</b>	<b>-7,6</b>	<b>-7,5</b>	<b>-7,0</b>	<b>-7,6</b>	<b>-6,4</b>
<b>Other countries of the World</b>									
Australia	8,4	7,3	6,3	6,1	5,9	5,9	6,1	6,5	...
Austria	1,0	0,9	0,2	0,1	0,3	0,0	0,6	0,4	0,4
Belgium	2,0	1,2	1,1	1,0	0,6	0,5	1,3	1,5	1,8
Bulgaria	-0,4	-5,0	-5,2	-5,6	-5,8	-5,7	-5,2	-5,4	-5,1
Greece	0,9	0,1	-0,1	-0,1	-0,1	-0,1	0,1	0,2	0,6
Denmark	0,4	1,2	1,7	1,3	1,0	1,3	1,7	1,8	1,8
Estonia	1,8	-5,0	-3,9	-4,3	-3,9	-3,8	-2,8	-2,2	-2,1
Israel	16,0	14,7	15,7	15,4	15,4	16,0	15,8	15,7	...
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	8,2	8,8
Spain	1,7	0,3	0,9	1,2	1,2	1,3	1,9	1,8	2,1

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.4 is continued*

	1990	1995	2000	2001	2002	2003	2004	2005	2006
Italy	0,4	-0,5	-0,3	-0,3	-0,3	-0,8	0,3	-0,5	0,4
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	-5,1
Lithuania	4,6	-1,1	-1,3	-2,5	-3,1	-3,0	-3,1	-3,9	-4,0
Luxemburg	2,9	3,9	4,5	4,0	3,6	2,8	4,1	3,8	4,4
Netherlands	4,7	3,5	4,2	3,9	3,7	3,6	3,5	3,1	2,9
Germany	-0,1	-1,4	-0,9	-1,2	-1,5	-1,7	-1,3	-1,8	-1,8
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
Portugal	1,4	0,3	1,4	0,8	0,8	0,4	0,7	0,2	0,7
Romania	3,0	-1,6	-1,0	-1,8	-2,7	-2,5	-1,9	-1,9	-1,8
Slovakia	4,8	1,7	0,4	-0,2	-0,1	-0,1	0,4	0,2	...
United Kingdom	2,7	1,6	1,2	1,1	1,1	1,4	2,3	2,4	2,5
USA	8,1	6,0	5,9	5,6	5,5	5,7	5,8	...	...
Turkey	19,9	16,0	13,7	13,2	12,6	14,1	12,9	12,7	12,5
Hungary	-1,9	-3,2	-3,7	-3,5	-3,6	-4,1	-3,7	-3,8	-3,2
Finland	3,1	2,7	1,5	1,4	1,2	1,5	1,9	1,9	2,0
France	4,2	3,4	4,4	4,3	4,0	3,7	4,5	4,4	4,7
Czech Republic	0,1	-2,1	-1,8	-1,6	-1,5	-1,7	-0,9	-0,5	0,1
Switzerland	3,0	2,7	2,2	1,5	1,4	1,2	1,8	1,6	1,7
Sweden	3,4	0,7	-0,3	-0,2	0,1	0,7	1,1	1,0	1,7
Japan	3,2	2,1	1,8	1,6	1,4	0,9	0,7	0,6	...

<sup>1</sup> See the second footnote to Table 25.1<sup>2</sup> 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
<b>CIS countries</b>														
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 <sup>1</sup>	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 <sup>2</sup>	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	...	...
<b>Ukraine<sup>3</sup></b>	<b>62,8</b>	<b>74,1</b>	<b>62,7</b>	<b>74,1</b>	<b>62,6</b>	<b>74,1</b>	<b>62,6</b>	<b>74,1</b>	<b>62,2</b>	<b>74,0</b>	<b>62,4</b>	<b>74,1</b>	<b>62,5</b>	<b>74,2</b>
<b>Other countries of the World</b>														
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

<sup>1</sup> See the second footnote to Table 25.1

<sup>2</sup> See the third footnote to Table 25.1

<sup>3</sup> 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; annual average)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>CIS countries<sup>1</sup></b>									
Azerbaijan <sup>2</sup>	1,1	1,2	1,3	1,3	1,4	1,4	1,4	1,3	1,2
Belarus <sup>2</sup>	2,9	2,1	2,3	3,0	3,1	1,9	1,5	1,2	1,0
Armenia <sup>2</sup>	8,1	10,9	9,8	10,5	10,2	9,4	7,6	7,2	6,6
Georgia	...	10,3	11,1	12,6	11,5	12,6	13,8	13,6	...
Kazakhstan	...	12,8	10,4	9,3	8,8	8,4	8,1	7,8	7,3
Kyrgyzstan	...	...	...	12,5	9,9	8,5	8,1	8,3	...
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	...
Tajikistan <sup>2</sup>	1,8	2,7	2,3	2,6	2,3	2,0	2,1	2,3	2,5
Uzbekistan <sup>2</sup>	0,3	0,4	0,4	0,4	0,3	0,4	0,3	...	...
<b>Ukraine</b>	<b>5,6</b>	<b>11,6</b>	<b>10,9</b>	<b>9,6</b>	<b>9,1</b>	<b>8,6</b>	<b>7,2</b>	<b>6,8</b>	<b>6,4</b>
<b>Other countries of the World</b>									
Austria	3,9	3,6	3,6	4,2	4,3	4,8	5,2	4,7	4,4
Belgium	9,7	6,9	6,6	7,5	8,2	8,4	8,4	8,2	7,5
Bulgaria	16,5	16,4	19,5	18,1	13,7	12,0	10,1	9,0	6,9
Greece	9,2	11,2	10,7	10,3	9,7	10,5	9,8	8,9	8,3
Denmark	6,7	4,3	4,5	4,6	5,4	5,5	4,8	3,9	3,8
Estonia	...	12,8	12,4	10,3	10,0	9,7	7,9	5,9	4,7
Israel	6,9	8,8	9,4	10,3	10,7	10,4	9,0	8,4	...
Ireland	12,3	4,2	4,0	4,5	4,7	4,5	4,3	4,4	4,6
Spain	18,4	11,1	10,3	11,1	11,1	10,6	9,2	8,5	8,3
Italy	11,2	10,1	9,1	8,6	8,4	8,0	7,7	6,8	6,1
Canada	9,5	6,8	7,2	7,7	7,6	7,2	6,8	6,3	...

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.6 is continued*

	1995	2000	2001	2002	2003	2004	2005	2006	2007
Cyprus	3,7	4,9	3,8	3,6	4,1	4,6	5,2	4,6	3,9
Latvia	...	13,7	12,9	12,2	10,5	10,4	8,9	6,8	6,0
Lithuania	...	16,4	16,5	13,5	12,4	11,4	8,3	5,6	4,3
Luxemburg	2,9	2,3	2,0	2,7	3,7	5,1	4,5	4,7	4,7
Malta	5,6	6,7	7,6	7,5	7,6	7,4	7,3	7,3	6,4
Netherlands	6,6	2,8	2,2	2,8	3,7	4,6	4,7	3,9	3,2
Germany	8,0	7,5	7,6	8,4	9,3	9,7	10,7	9,8	8,4
Norway	4,9	3,4	3,6	3,9	4,5	4,4	4,6	3,5	2,6
Poland	15,4	16,1	18,2	19,9	19,6	19,0	17,7	13,8	9,6
Portugal	7,1	3,9	4,0	5,0	6,3	6,7	7,6	7,7	8,0
Romania	...	7,2	6,6	8,4	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
Slovenia	...	6,7	6,2	6,3	6,7	6,3	6,5	6,0	4,8
United Kingdom	8,5	5,3	5,0	5,1	4,9	4,7	4,8	5,3	5,2
USA	5,6	4,0	4,8	5,8	6,0	5,5	5,1	4,6	4,6
Turkey	6,9	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
Finland	15,4	9,8	9,1	9,1	9,0	8,8	8,4	7,7	6,9
France	11,0	9,0	8,3	8,6	9,0	9,3	9,2	9,2	8,3
Czech Republic	4,1	8,7	8,0	7,3	7,8	8,3	7,9	7,1	5,3
Switzerland	3,5	2,7	2,6	3,2	4,2	4,4	4,4	4,0	...
Sweden	8,8	5,6	4,9	4,9	5,6	6,3	7,4	7,0	6,1

<sup>1</sup> As of the end of year<sup>2</sup> Registered at Employment Service

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.7. GDP<sup>1</sup>***(at internationally comparable prices;  
USD mln. at prices and purchasing power parities of 2005)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
<b>CIS countries</b>										
Azerbaijan	...	14511	20398	22417	24787	27552	30349	38376	51597	64523
Belarus	65725	42816	58188	60938	63989	68465	76289	83492	91794	...
Armenia	10238	5411	6946	7610	8756	9985	11030	12559	14225	16176
Georgia	29481	8328	11056	11587	12221	13573	14368	15747	17224	19367
Kazakhstan	115863	71125	80450	91348	100255	109608	120115	131765	145872	158555
Kyrgyzstan	11086	5618	7380	7773	7771	8318	8902	8887	9162	9915
Moldova, Republic of	17335	6835	6030	6400	6900	7357	7899	8492	8898	9164
Russian Federation	1877075	1165400	1261634	1325865	1388761	1489489	1596008	1697955	1822817	1970663
Tajikistan	16937	6541	6098	6681	7405	8227	9072	9682	10326	...
<b>Ukraine</b>	<b>419457</b>	<b>200283</b>	<b>181190</b>	<b>197919</b>	<b>208309</b>	<b>228296</b>	<b>256030</b>	<b>263007</b>	<b>282333</b>	<b>303861</b>
<b>Other countries of the World</b>										
Austria	203124	226105	261323	263495	265753	268980	275191	280813	290087	299819
Belgium	251120	271768	310564	313030	317753	320902	330441	335970	345536	355208
Bulgaria	66366	58176	55810	58080	60684	63722	67955	72199	76763	81497
Greece	180934	192498	228066	239666	248841	260668	272858	282839	295114	...
Denmark	132149	148337	170760	171963	172764	173427	177410	181772	188867	192266
Estonia	15838	11518	15095	16252	17555	18825	20380	22449	24961	26736
Israel	...	111408	141082	140482	139581	142723	150138	158087	166324	175101
Ireland	60597	76877	120828	128167	136601	142688	148932	157901	166957	...
Iceland	6688	6777	8601	8937	8948	9165	9876	10573	11022	...
Spain	764760	824138	1007797	1044562	1072809	1106027	1142159	1183475	1229159	1276176
Italy	1335553	1422637	1563469	1591949	1599235	1599016	1623458	1632407	1662462	1686679



## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.7 is continued*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Canada	749411	816147	999297	1017122	1046869	1066561	1099308	1133018	1164275	1195162
Latvia	29263	15569	20512	22162	23596	25294	27489	30402	34122	37638
Lithuania	44478	26260	33003	35196	37630	41512	44551	48087	51772	56316
Luxemburg	16597	20146	27127	27810	28951	29558	31000	32557	34549	...
Malta	...	...	7926	7798	8002	7977	8022	8279	8560	8885
Netherlands	390591	437485	533443	543716	544130	545957	558167	566597	583624	603806
Germany	1985157	2212927	2444142	2474450	2474450	2469073	2495225	2514778	2586880	2651161
Norway	137094	164620	197245	201171	204193	206262	214232	220101	224840	...
Poland	307010	341882	444981	450344	456845	474512	499873	517954	550321	586191
Portugal	152095	165503	202171	206247	207813	206139	209264	210803	213325	...
Romania	180009	162405	153113	162057	170506	179473	194648	202785	218714	...
Slovakia	...	57306	67888	70193	73537	77041	81053	86375	93748	103468
Slovenia	...	31184	38514	39709	41160	42318	44199	46031	48664	51616
United Kingdom	1324508	1437767	1684354	1724299	1759701	1808439	1867370	1901705	1957023	2018076
USA	8037162	9075863	11093262	11176543	11355197	11640184	12063710	12433900	12790982	13070997
Turkey	417284	488726	598164	564083	598853	630384	689405	747327	798844	834411
Hungary	128679	114155	138963	144621	150946	157248	164822	171525	178297	180637
Finland	116248	111897	141256	144979	147361	149976	155567	159985	167750	175130
France	1416379	1499999	1722711	1754657	1772669	1791945	1836211	1871025	1911643	1953180
Croatia	54310	39361	46543	48611	51323	54063	56367	58788	61588	65006
Czech Republic	168328	160392	172653	176894	180250	186743	195117	207552	220752	...
Switzerland	224914	226035	250076	252957	254078	253575	259997	266291	274918	283430
Sweden	213990	221331	260832	263590	269946	275109	286463	295912	308011	315954

<sup>1</sup> 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
<b>CIS countries</b>										
Azerbaijan	...	-11,8	11,1	9,9	10,6	11,2	10,2	26,4	34,5	25,1
Belarus	...	-10,4	5,8	4,7	5,0	7,0	11,4	9,4	9,9	...
Armenia	...	6,9	5,9	9,6	15,1	14,0	10,5	13,9	13,3	13,7
Georgia	...	2,6	1,8	4,8	5,5	11,1	5,9	9,6	9,4	12,4
Kazakhstan	...	-8,2	9,8	13,5	9,8	9,3	9,6	9,7	10,7	8,7
Kyrgyzstan	...	-5,4	5,4	5,3	0,0	7,0	7,0	-0,2	3,1	8,2
Moldova, Republic of	...	-1,4	2,1	6,1	7,8	6,6	7,4	7,5	4,8	3,0
Russian Federation	...	-4,1	10,0	5,1	4,7	7,3	7,2	6,4	7,4	8,1
Tajikistan	...	-6,0	8,3	9,6	10,8	11,1	10,3	6,7	6,7	...
Turkmenistan	...	-7,2	5,5	4,3	0,3	3,3	4,5	9,0	9,0	...
Uzbekistan	...	-0,9	4,0	4,5	4,2	4,4	7,7	7,0	7,3	...
<b>Ukraine</b>	<b>...</b>	<b>-12,2</b>	<b>5,9</b>	<b>9,2</b>	<b>5,2</b>	<b>9,6</b>	<b>12,1</b>	<b>2,7</b>	<b>7,3</b>	<b>7,6</b>
<b>Other countries of the World</b>										
Austria	4,6	1,9	3,4	0,8	0,9	1,2	2,3	2,0	3,3	3,4
Belgium	3,1	2,4	3,7	0,8	1,5	1,0	3,0	1,7	2,8	2,8
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	5,1	3,8	4,8	4,7	3,7	4,3	...
Denmark	1,0	3,1	3,5	0,7	0,5	0,4	2,3	2,5	3,9	1,8
Estonia	...	4,5	7,9	7,7	8,0	7,2	8,3	10,2	11,2	7,1
Israel	...	...	8,9	-0,4	-0,6	2,3	5,2	5,3	5,2	5,3
Ireland	8,5	9,6	9,4	6,1	6,6	4,5	4,4	6,0	5,7	...
Iceland	1,2	0,1	4,3	3,9	0,1	2,4	7,7	7,1	4,2	...
Spain	3,8	2,8	5,0	3,6	2,7	3,1	3,3	3,6	3,9	3,8
Italy	2,1	2,8	3,6	1,8	0,5	0,0	1,5	0,6	1,8	1,5

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.8 is continued*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Canada	0,2	2,8	5,2	1,8	2,9	1,9	3,1	3,1	2,8	2,7
Latvia	...	-0,9	8,4	8,0	6,5	7,2	8,7	10,6	12,2	10,3
Lithuania	...	5,2	4,1	6,6	6,9	10,3	7,3	7,9	7,7	8,8
Luxemburg	5,3	1,4	8,4	2,5	4,1	2,1	4,9	5,0	6,1	...
Malta	...	...	...	-1,6	2,6	-0,3	0,6	3,2	3,4	3,8
Netherlands	4,2	3,1	3,9	1,9	0,1	0,3	2,2	1,5	3,0	3,5
Germany	5,7	1,9	3,2	1,2	0,0	-0,2	1,1	0,8	2,9	2,5
Norway	1,9	4,2	3,3	2,0	1,5	1,0	3,9	2,7	2,2	...
Poland	...	7,0	4,3	1,2	1,4	3,9	5,3	3,6	6,2	6,5
Portugal	4,0	4,3	3,9	2,0	0,8	-0,8	1,5	0,7	1,2	...
Romania	...	7,2	2,2	5,8	5,2	5,3	8,5	4,2	7,9	...
Slovakia	...	5,8	0,7	3,4	4,8	4,8	5,2	6,6	8,5	10,4
Slovenia	...	...	4,1	3,1	3,7	2,8	4,4	4,1	5,7	6,1
United Kingdom	0,8	2,9	3,8	2,4	2,1	2,8	3,3	1,8	2,9	3,1
USA	1,8	2,5	3,7	0,8	1,6	2,5	3,6	3,1	2,9	2,2
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	4,4	4,2	4,8	4,1	3,9	1,3
Finland	0,1	3,9	5,0	2,6	1,6	1,8	3,7	2,8	4,9	4,4
France	2,6	2,1	3,9	1,9	1,0	1,1	2,5	1,9	2,2	2,2
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	6,4	6,4	...
Switzerland	3,7	0,4	3,6	1,2	0,4	-0,2	2,5	2,4	3,2	3,1
Sweden	1,0	4,0	4,4	1,1	2,4	1,9	4,1	3,3	4,1	2,6

## 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
<b>CIS countries</b>										
Azerbaijan	...	1888	2534	2764	3033	3346	3654	4573	6081	7519
Belarus	6450	4200	5816	6112	6447	6934	7765	8541	9432	...
Armenia	2888	1677	2254	2483	2871	3287	3644	4162	4726	5389
Georgia	5420	1759	2502	2642	2805	3135	3327	3610	3916	...
Kazakhstan	7096	4497	5405	6148	6747	7352	8001	8699	9529	10242
Kyrgyzstan	2524	1232	1510	1578	1565	1660	1758	1737	1774	1904
Moldova, Republic of	3974	1893	1657	1762	1905	2036	2192	2362	2482	2562
Russian Federation	12686	7854	8606	9083	9557	10303	11097	11864	12793	...
Tajikistan	3203	1121	985	1058	1150	1252	1352	1413	1477	...
<b>Ukraine</b>	<b>8108</b>	<b>3920</b>	<b>3706</b>	<b>4085</b>	<b>4337</b>	<b>4793</b>	<b>5416</b>	<b>5605</b>	<b>6058</b>	<b>6559</b>
<b>Other countries of the World</b>										
Austria	26455	28448	32616	32761	32874	33134	33662	34108	35026	36045
Belgium	25193	26809	30311	30447	30760	30936	31721	32077	32774	33624
Bulgaria	7612	7012	6979	7313	7734	8168	8756	9353	9997	10666
Greece	17807	18102	20891	21887	22647	23646	24662	25520	26549	...
Denmark	25710	28363	31989	32101	32136	32176	32835	33544	34737	35285
Estonia	10081	7955	11002	11889	12898	13883	15029	16654	18558	19908
Israel	...	20092	22432	21817	21245	21335	22050	22812	23580	24386
Ireland	17284	21349	31797	33213	34794	35752	36692	38058	39256	...
Iceland	26229	25381	30608	31358	31069	31715	33705	35719	36257	...
Spain	19608	20924	25030	25652	25967	26331	26753	27270	27892	28559
Italy	23547	25027	27457	27940	27980	27758	27906	27853	28243	28537

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.9 is continued*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Canada	27110	27841	32518	32735	33423	33763	34488	35219	35868	...
Latvia	10988	6265	8644	9411	10088	10879	11885	13218	14913	16530
Lithuania	12028	7236	9429	10111	10848	12019	12966	14085	15254	16676
Luxemburg	43447	49137	61792	62918	64913	65394	67685	70014	73042	...
Malta	...	...	20322	19841	20207	20043	20004	20544	21084	21777
Netherlands	26132	28298	33503	33891	33699	33653	34294	34724	35715	36896
Germany	25013	27099	29738	30052	30000	29921	30245	30495	31407	32229
Norway	32326	37774	43920	44576	44986	45183	46664	47620	48239	...
Poland	8054	8932	11632	11773	11949	12423	13093	13573	14432	15381
Portugal	15256	16501	19770	20038	20044	19743	19926	19983	20155	...
Romania	7757	7160	6916	7356	7776	8223	8959	9376	10158	...
Slovakia	...	10685	12570	13047	13671	14322	15060	16034	17390	19175
Slovenia	...	15678	19363	19934	20632	21202	22133	23004	24235	25578
United Kingdom	23141	24778	28604	29170	29664	30366	31209	31580	32301	33201
USA	32125	34045	39277	39165	39398	40006	41083	41954	42751	43269
Turkey	7277	7790	8776	8156	8538	8868	9572	10242	10807	11144
Hungary	12415	11160	13729	14195	14858	15523	16308	17005	17704	17977
Finland	23315	21906	27290	27945	28333	28770	29762	30502	31855	33131
France	24349	25244	28357	28679	28770	28883	29405	29785	30250	30722
Croatia	11367	8430	10624	10956	11551	12171	12687	13232	13862	14631
Czech Republic	16243	15525	16806	17302	17670	18305	19116	20281	21501	...
Switzerland	33095	31921	34689	34723	34601	34244	34880	35501	36374	37426
Sweden	25002	25074	29399	29630	30246	30711	31850	32770	33918	34515

## 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
<b>CIS countries</b>									
Azerbaijan	78,6	106,8	105,0	103,8	106,1	105,5	133,7	136,5	124,0
Belarus	88,3	107,7	105,9	104,5	107,1	115,9	110,5	111,4	108,5
Armenia	101,4	106,3	105,3	114,6	115,2	102,0	107,6	96,5	106,0
Georgia	86,8	110,6	94,9	107,1	114,9	109,1	115,9	...	...
Kazakhstan	91,9	115,5	113,9	110,5	109,1	109,9	105,1	106,2	104,4
Kyrgyzstan	75,2	105,9	105,6	89,0	117,0	104,6	88,0	88,1	104,9
Moldova, Republic of	96,1	108,0	113,6	110,5	116,0	108,0	107,0	92,9	97,3
Russian Federation	95,4	108,6	103,0	103,1	108,9	108,2	104,1	103,9	106,1
Tajikistan	86,4	109,9	115,1	108,2	110,0	115,1	108,5	105,0	109,9
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	110,0	111,9
<b>Ukraine<sup>1</sup></b>	<b>88,0</b>	<b>113,2</b>	<b>114,2</b>	<b>107,0</b>	<b>115,8</b>	<b>112,5</b>	<b>103,1</b>	<b>106,2</b>	<b>110,2</b>
<b>Other countries of the World</b>									
Austria	105,1	109,0	102,8	100,8	102,0	106,3	104,4	107,3	104,9
Belgium	106,5	105,4	99,0	101,3	100,7	103,2	99,6	105,1	102,6
Bulgaria	...	...	102,2	104,6	113,8	117,3	106,7	105,9	109,2
Bosnia and Herzegovina	164,7	109,4	112,4	109,3	104,6	113,3	105,9	107,4	109,2
Greece	101,8	107,2	98,2	100,8	100,3	101,0	99,2	100,6	102,0
Denmark	104,0	105,4	101,6	101,4	100,2	100,0	101,6	103,5	100,4
Estonia	...	114,6	108,9	108,2	110,9	110,5	111,0	109,9	106,7
Israel	108,4	110,1	94,5	98,2	99,7	106,9	103,6	109,9	104,6
Ireland	120,5	115,4	110,0	107,2	104,7	100,3	103,0	105,1	107,3
Spain	104,9	104,4	98,5	100,2	101,4	101,6	100,7	103,9	101,9
Italy	105,9	104,3	98,8	98,7	99,4	99,7	99,2	102,4	99,8
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
Cyprus	...	104,4	105,5	101,8	100,3	102,1	100,8	100,8	103,1
Latvia	...	103,8	107,1	105,9	106,8	107,0	105,9	105,3	100,8
Lithuania	...	105,3	115,9	107,5	111,3	110,9	107,1	107,3	104,0
Luxemburg	101,4	104,3	103,1	102,1	105,2	106,4	106,3	97,9	95,9
Macedonia, the former Yugoslav Republic of	89,4	103,5	96,8	94,8	104,6	98,7	107,1	103,5	103,2
Netherlands	102,9	105,4	101,0	100,9	98,6	104,1	98,9	101,2	103,1
Germany	100,7	105,6	100,1	99,0	100,4	103,0	103,3	105,9	106,1
Norway	105,7	103,1	98,7	100,7	96,0	102,2	99,3	97,6	99,2
Poland	110,3	107,5	100,4	101,4	108,8	112,7	104,1	112,0	109,6
Portugal	104,7	100,5	103,1	99,6	99,9	97,4	100,3	102,8	101,8
Romania	109,4	107,1	108,3	104,4	103,1	105,3	102,0	107,1	105,4
Serbia	...	111,4	100,1	101,8	97,0	107,1	100,8	104,7	103,3
Slovakia	108,3	108,3	106,9	106,4	105,1	103,9	103,9	109,5	112,7
Slovenia	...	106,2	102,9	102,4	101,4	105,5	103,3	106,1	106,2
United Kingdom	101,8	101,9	98,6	98,0	99,7	100,8	98,2	99,4	100,4
USA	104,8	104,2	96,6	99,9	101,2	102,5	103,3	102,2	101,7
Turkey	108,5	106,1	91,3	109,4	108,7	109,8	105,4	105,8	105,4
Hungary	104,6	118,2	103,6	102,7	106,4	107,3	106,9	110,0	108,1
Finland	106,4	112,4	99,8	102,2	101,2	105,0	100,3	109,8	104,4
France	101,9	104,1	101,3	98,7	99,6	102,4	100,3	100,6	101,5
Croatia	...	101,7	106,0	105,5	104,0	103,6	105,1	104,5	105,6
Czech Republic	108,7	105,3	106,6	101,9	105,5	109,6	106,7	111,2	109,0
Switzerland	102,0	108,4	99,3	94,9	100,3	104,1	102,7	107,7	105,2
Sweden	109,8	105,8	99,0	100,0	101,4	105,6	102,6	102,9	103,3

<sup>1</sup> 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
<b>CIS countries</b>									
Azerbaijan	511,5	101,8	101,5	102,8	102,1	106,7	109,6	108,2	116,6
Belarus	809,3	268,9	161,4	142,8	128,5	118,3	110,4	107,0	108,3
Armenia	275,5	99,2	103,2	101,0	104,7	106,9	100,6	102,9	104,4
Georgia	361,4	104,2	104,6	105,7	104,9	105,7	108,2	109,2	109,2
Kazakhstan	276,2	113,2	108,4	105,8	106,4	106,9	107,6	108,6	110,8
Kyrgyzstan	...	119,7	106,9	102,1	103,0	104,1	104,4	105,6	110,2
Moldova, Republic of	...	131,3	109,8	105,3	111,7	112,5	112,0	112,8	112,4
Russian Federation	297,5	120,8	121,5	115,8	113,7	110,9	112,7	109,7	109,0
Tajikistan	782,1	132,9	138,6	112,2	116,3	107,2	107,2	110,0	113,4
<b>Ukraine</b>	<b>477,0</b>	<b>128,2</b>	<b>112,0</b>	<b>100,8</b>	<b>105,2</b>	<b>109,0</b>	<b>113,5</b>	<b>109,1</b>	<b>112,8</b>
<b>Other countries of the World</b>									
Austria	102,3	102,4	102,7	101,8	101,4	102,1	102,3	101,5	102,2
Albania	107,8	100,1	103,1	105,5	102,6	102,3	102,4	102,4	102,9
Belgium	101,5	102,5	102,5	101,6	101,6	102,1	102,8	101,8	101,8
Bulgaria	162,1	110,3	107,4	105,8	102,2	106,3	105,0	107,3	108,4
Bosnia and Herzegovina	87,9	101,7	101,8	100,9	100,2	99,6	102,5	106,5	101,5
Greece	108,9	103,2	103,4	103,6	103,5	102,9	103,5	103,2	102,9
Denmark	102,1	102,9	102,4	102,4	102,1	101,2	101,8	101,9	101,7
Estonia	128,8	104,0	105,7	103,6	101,3	103,0	104,1	104,4	106,6
Israel	110,0	101,1	101,1	105,7	100,7	99,6	101,3	102,1	100,5
Ireland	...	105,6	104,9	104,7	103,5	102,2	102,4	103,9	104,9
Iceland	101,7	105,2	106,4	105,2	102,1	102,8	104,2	106,7	105,1
Spain	104,7	103,4	103,6	103,1	103,0	103,0	103,4	103,5	102,8
Italy	105,2	102,5	102,8	102,5	102,7	102,2	102,0	102,1	101,8
Canada	102,2	102,7	102,5	102,3	102,8	101,9	102,2	102,0	102,1



## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.11 is continued*

	1995	2000	2001	2002	2003	2004	2005	2006	2007
Cyprus	102,6	104,1	102,0	102,8	104,1	102,3	102,6	102,5	102,4
Latvia	125,0	102,7	102,5	101,9	102,9	106,2	106,8	106,5	110,1
Lithuania	139,7	101,0	101,3	100,3	98,8	101,2	102,7	103,8	105,7
Luxemburg	101,9	103,1	102,7	102,1	102,0	102,2	102,5	102,7	102,3
Malta	103,5	102,4	102,9	103,0	100,5	102,8	103,0	102,8	101,3
Macedonia, the former Yugoslav Republic of	116,4	106,6	105,2	102,3	101,1	99,4	99,3	103,3	102,8
Netherlands	101,9	102,4	104,2	103,3	102,1	101,2	101,7	101,2	...
Germany	101,7	101,5	102,0	101,4	101,0	101,7	102,0	101,7	102,1
Norway	102,5	103,1	103,0	101,3	102,5	100,5	101,5	102,3	100,7
Poland	128,1	110,1	105,5	101,9	100,8	103,6	102,1	101,1	102,4
Portugal	104,1	102,8	104,4	103,5	103,3	102,4	102,3	102,7	102,8
Romania	132,2	145,7	134,5	122,5	115,3	111,9	109,0	106,6	104,8
Serbia	182,7	171,1	195,0	119,5	109,9	111,0	116,1	111,7	...
Slovakia	109,9	112,0	107,3	103,3	108,6	107,5	102,7	104,5	102,8
Slovenia	113,4	108,9	108,4	107,5	105,6	103,6	102,5	102,5	103,6
United Kingdom	103,4	102,9	101,8	101,6	102,9	103,0	102,8	103,2	104,3
USA	102,8	103,4	102,8	101,6	102,3	102,7	103,4	103,2	102,9
Turkey	188,6	154,9	154,4	145,0	125,3	110,6	110,1	110,5	108,8
Hungary	128,6	109,8	109,1	105,5	104,4	106,8	103,6	103,9	107,9
Finland	101,0	103,4	102,6	101,6	100,9	100,2	100,9	101,6	102,5
France	101,8	101,7	101,6	101,9	102,1	102,1	101,7	101,7	101,5
Croatia	104,0	104,6	103,8	101,7	101,8	102,0	103,3	103,2	102,9
Czech Republic	109,5	103,9	104,7	101,8	100,1	102,8	101,8	102,5	102,9
Switzerland	101,8	101,5	101,0	100,6	100,6	100,8	101,2	101,1	100,7
Sweden	102,5	100,9	102,4	102,2	101,9	100,4	100,5	101,4	102,2

## 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
<b>CIS countries</b>									
Azerbaijan	1440,1	127,5	102,0	97,7	116,2	112,8	116,5	116,1	109,0
Belarus	638,6	285,6	171,7	140,6	137,4	124,1	112,1	108,4	115,5
Armenia	287,8	99,6	101,1	103,6	103,7	121,6	107,6	101,0	100,7
Georgia	...	105,8	103,6	106,0	102,6	104,2	107,4	111,0	111,8
Kazakhstan	...	138,0	100,4	100,2	109,3	116,8	123,7	118,4	102,0
Kyrgyzstan	121,8	132,0	109,1	105,3	105,6	108,8	103,1	115,9	111,8
Moldova, Republic of	152,2	133,6	112,6	108,0	108,3	105,2	105,9	112,3	128,0
Russian Federation	337,6	146,5	119,1	111,8	115,6	124,0	120,7	112,4	114,1
Tajikistan	451,7	139,0	125,1	109,2	115,3	116,5	110,4	142,7	121,8
<b>Ukraine</b>	<b>588,9</b>	<b>120,8</b>	<b>108,7</b>	<b>103,0</b>	<b>107,6</b>	<b>120,5</b>	<b>116,7</b>	<b>109,6</b>	<b>119,5</b>
<b>Other countries of the World</b>									
Austria	100,3	104,0	101,5	99,6	101,6	105,0	102,1	102,9	104,1
Albania	...	104,9	94,6	106,4	106,2	110,8	105,1	100,5	126,2
Belgium	102,2	108,6	100,8	101,4	100,6	104,5	102,2	104,8	103,0
Bulgaria	...	117,5	103,7	101,3	104,9	106,0	106,9	109,2	108,6
Bosnia and Herzegovina	168,7	100,9	102,3	100,7	102,6	102,4	99,6	103,7	104,4
Greece	109,2	105,2	103,6	102,3	102,4	103,5	105,9	106,9	103,3
Denmark	106,7	106,0	106,1	102,1	103,0	103,0	109,4	107,6	100,3
Estonia	125,6	104,9	104,4	100,4	100,2	102,9	102,1	104,5	108,2
Israel	110,7	103,6	99,9	103,9	104,3	105,4	106,2	105,7	103,4
Ireland	...	107,4	102,5	102,2	100,9	100,5	102,1	101,8	101,6
Spain	106,4	105,4	101,7	100,7	101,4	103,4	104,9	105,3	103,3

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

*Table 25.12 is continued*

	1995	2000	2001	2002	2003	2004	2005	2006	2007
Italy	107,8	106,0	101,9	100,2	101,6	102,7	104,0	105,6	103,5
Canada	107,4	104,3	101,0	100,1	98,6	103,2	101,5	102,4	101,6
Latvia	111,9	100,6	101,7	100,9	103,2	108,6	107,8	110,4	116,1
Lithuania	...	110,2	99,4	99,3	99,3	102,4	105,9	106,8	109,2
Luxemburg	103,4	106,2	104,1	98,9	103,6	109,0	103,9	113,1	106,8
Macedonia, the former Yugoslav Republic of	104,7	109,1	102,8	99,4	100,0	100,9	103,2	103,9	101,6
Netherlands	103,0	111,8	102,4	99,1	102,2	102,6	107,1	108,2	104,6
Germany	101,7	103,3	103,0	99,4	101,7	101,6	104,6	105,5	102,0
Norway	106,5	113,8	101,7	99,7	106,0	103,6	106,0	108,8	99,4
Poland	125,6	107,7	101,7	101,2	102,7	107,1	100,7	102,2	102,2
Portugal	103,8	116,1	102,7	100,4	100,8	102,7	104,1	104,7	103,2
Romania	...	153,4	140,3	124,5	119,6	118,6	112,4	112,0	108,7
Slovakia	109,0	109,8	106,6	102,1	108,3	103,4	104,7	108,4	102,1
United Kingdom	...	102,4	99,8	98,9	101,6	104,4	110,9	109,0	101,1
USA	103,6	105,8	101,1	97,7	105,3	106,2	107,3	104,7	104,8
Turkey	...	...	...	...	...	114,6	105,9	109,3	106,3
Hungary	...	114,5	109,2	101,6	105,0	108,4	108,3	108,4	106,4
Finland	...	104,3	100,4	99,2	100,2	99,5	101,8	105,2	103,0
France	...	104,4	101,2	99,8	100,9	102,0	103,0	103,4	102,5
Czech Republic	107,5	104,9	102,9	99,5	99,7	105,7	103,0	101,6	104,0
Switzerland	99,9	101,0	100,5	99,5	100,0	101,2	100,8	102,0	102,4
Sweden	107,0	103,5	102,5	102,2	102,6	102,0	103,8	105,9	103,8

## INDEX

### A

Abortions 21.18  
Accounts receivable and accounts payable 3.11, 3.12  
Administrative and territorial units 1.5  
Adopted orphans 21.30  
Agricultural enterprises 8.11–8.16, 8.18, 8.42  
Agricultural land 8.19  
Agricultural output 8.7, 8.27–8.36  
Agricultural production 8.3–8.6  
Agricultural production indices 8.8–8.10  
Agricultural production given to shareholders as rent payments for land and property shares 8.17  
Agricultural production objects and capacities put into operation 9.15  
Animal products supplied to processing enterprises 8.57  
Area 1.4  
Area for agricultural crops 8.21–8.26  
Ash-slag wastes 6.21  
Atmosphere 1.1, 24.10–24.15  
Automated telephone systems put into service 10.43  
Availability of computing equipment 15.17  
Availability of selected durables in households 18.47  
Average annual yield of milk 8.55  
Average distance of transportation 10.30, 10.31  
Average official exchange rates 3.18, 3.19  
Average monthly pension 18.13  
Average weight of a livestock per head 8.54

### B

Banks 3.14–3.22, 18.49, 18.50  
Basic establishments of culture and art 22.1–22.6  
Basic indicators for agriculture, hunting, forestry and fishing, fishery 8.1  
Basic indicators for construction 9.16  
Basic indicators for forestry operations 8.61  
Basic indicators for the treatment of wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category 24.17  
Basic indicators for small enterprises 14.1  
Basic indicators for retail turnover of enterprises 12.6  
Basic indicators of industrial production 7.1, 7.2  
Basic health care indicators 21.2  
Basic hunting indicators 8.58  
Basic social and economic indicators 1.6  
Births (crude rates of birth) 16.10–16.17, 25.2  
Boarding houses for the aged and disabled 21.25, 21.26  
Boarding schools 21.29  
Budget 3.1–3.3  
Business register units 5.1–5.5

### C

Capital assets 6.1–6.8

## INDEX

---

- Capital investment 9.1
- Capital investment for environmental protection 24.22, 24.23
- Cash benefit (assistance) 21.27, 21.28
- Centers of social and psychological rehabilitation for children 21.31
- Cities and towns with over 50 thsd. present population 16.7
- Civil justice 23.13
- Climate 1.1
- Collective horticulture and market gardening 8.41
- Communication and post enterprises 10.34–10.36
- Computing equipment 15.17
- Consumed of nutrients 18.46
- Consumer goods markets 12.22
- Consumer price indices 4.2–4.6, 25.11
- Consumer price indices and industrial producer price indices 4.2, 4.3
- Consumption of energy materials 6.11, 6.13, 6.14
- Convicted 23.4–23.9
- Costs for environmental protection 24.22, 24.24
- Costs for innovation in industry 15.9
- Costs of energy materials (resources) 6.15, 6.20
- Costs structure for agricultural output 8.14
- Crimes 23.1, 23.2, 23.8, 23.9
- Crimes related to narcotics 23.3
- Cullings and spendings of material resources 6.18
- D**
- Damaged and re-cultivated land, liming and plastering of soils 24.3, 24.5
- Deaths (death rates) 16.10–16.12, 16.15, 16.18–16.20, 16.24, 25.3
- Differentiation of household living standards 18.14
- Direct Ukrainian investment abroad 11.11–11.14
- Disabled 21.22–21.26
- E**
- Ecological payments 24.26
- Electricity input-output table 6.10
- Emission of pollutants 24.11–24.15
- Employees 14.8, 14.9, 14.11, 14.12, 17.7, 17.8, 17.28–17.30, 17.37
- Employees, by level of education 17.32
- Employment 17.4–17.6, 17.11
- Employment at small enterprises 14.10
- Employment of youth 17.34
- Enrollment 20.6
- Enterprise balance sheets 3.13
- Exchanges 12.4, 12.5
- Exhibition activity 22.9
- Exports of goods 11.2
- Exports of goods for processing 11.4
- Exports of services 11.6, 11.7
- F**
- Families and single persons registered as requiring housing 19.4
- Families and single persons who obtained housing 19.5
- Financial outcome from usual activity 3.5, 14.19, 14.20
- Fires 23.15, 23.16

## INDEX

---

- Fish catching 8.70–8.72  
Fishing, fishery 8.1, 8.2  
Fixed capital investment 9.2–9.13, 9.20, 9.21  
Floor space of shops and seating capacity of restaurants 12.24  
Foodstuffs consumed 18.40–18.45  
Foreign direct investment in Ukraine 11.8–11.11  
Foreign trade in goods 11.1, 11.3  
Foreign trade in services 11.5  
Forest felling 8.63, 8.64  
Forest fires 8.69  
Forest protection operations 8.68  
Forest stock 8.60  
Forestry 8.1, 8.2, 8.61, 8.62, 8.64  
Freight handling 10.11, 10.12  
Freight shipped 10.1–10.4, 10.8–10.10, 10.13  
Freight traffic 10.5–10.7, 10.14  
Freight transported 10.15
- G**  
GDP, volume indices 2.3  
Government employees 17.31  
Gross domestic product 2.1–2.3, 2.5, 2.6, 25.7–25.9  
Gross regional product 2.10–2.13
- H**  
Health care 21.1, 21.2  
HIV infections 21.9, 21.10  
Hospital beds 21.5  
Hotels 22.17–22.19  
Households, by size 18.15, 18.19, 18.21, 18.26, 18.28, 18.33, 18.37, 18.41  
Households with children 18.16, 18.19, 18.22, 18.26, 18.29, 18.34, 18.38, 18.42  
Housing stock 19.1, 19.3, 19.6, 19.8  
Hunting 8.1, 8.58, 8.59
- I**  
Imports of goods for processing 11.4  
Imports of services 11.6, 11.7  
Imports of goods 11.2  
Implementation of air protection measures 24.16  
Improvement of housing conditions 19.2  
Improving housing amenities in settlements 19.7  
Indices of basic social and economic indicators 1.7  
Indices of capital assets 6.3  
Indices of consumer prices for the basic groups of goods and services 4.4  
Indices for fixed capital investment 9.3, 9.7, 9.10, 9.12, 9.21  
Indices for the performed construction operations 9.17, 9.18  
Indices for the sold services 13.5  
Industrial enterprises 7.4  
Industrial injuries (death) 21.19–21.21  
Industrial labour productivity indices 7.11, 7.12  
Industrial output indices 7.5–7.10, 25.10  
Industrial producer price indices 4.2, 4.3, 4.7, 4.8, 25.12  
Industrial products sold 7.3

## INDEX

---

- Innovation 15.8–15.11, 15.13  
Input-output at consumer prices 2.9  
Institutions executing sentences 23.10  
Institutions of higher education 20.5, 20.18–20.24  
Insurance organizations 3.4  
Introduction of advanced technological processes 15.12  
Irrigated and drained land area 8.20
- L**
- Land area 8.20, 24.1  
Labor contracts concluded 17.40  
Labor demand 17.19–17.21  
Land protection operations 24.4  
Layoffs 17.17, 17.18  
Length of transportation network 10.24–10.29  
Libraries 22.3  
Life expectancy at birth 16.25, 25.5  
Livestock and poultry 8.44–8.46  
Livestock and poultry feeds used 8.56  
Livestock and poultry productivity 8.53  
Loss-making enterprises 3.8
- M**
- Marriages and divorces 16.26–16.29  
Migration 16.30–16.32  
Minors convicted for selected crimes 23.8, 23.9  
Minors registered of criminal police 23.11  
Money supply 3.15  
Morbidity 21.7–21.17  
Mortality rates of infants under 1 year old 16.21–16.23
- N**
- National accounts 2.7, 2.8  
Natural population increase 16.10–16.12, 16.15, 25.4  
New capital assets putting into service 6.5, 6.6
- O**
- Operational costs for the sold products 6.9, 7.13, 14.15  
Out-patient and polyclinic institutions 21.6  
Output of industrial products 7.14–7.38  
Output of agricultural crops 8.27–8.36  
Output of animal products 8.47–8.52  
Output structure at market prices 2.4
- P**
- Paramedical personnel 21.4  
Passengers traffic 10.19, 10.20  
Passengers transported 10.16–10.18, 10.21  
Pensioners 16.8, 16.9, 17.33  
Persons indicted for administrative offences 23.12  
Physicians 21.3  
Placement 17.23, 17.24  
Planting and sowing of forest 8.67  
Population 1.4, 16.1–16.6, 25.1  
Population, by age group 16.5, 16.6, 16.14, 16.18, 17.10–17.12

## INDEX

---

- Population, by economic activity 17.1–17.3, 17.10  
Population (households), by (money, total) income 18.17–18.19, 18.24–18.26  
Population income and expenditure 18.1–18.5  
Possession of housing 19.9  
Pre-school educational institutions 20.1–20.4  
Preserves 24.2  
Price indices 4.1  
Price indices for construction and assembly operations 4.10  
Price indices for products sold by agricultural enterprises 4.9  
Prisoners who serve their sentences 23.10  
Private cars 10.23, 18.48  
Producer price indices, by selected consumer goods 4.8  
Production capacities put into operation 9.14  
Products sold by small enterprises 14.13–14.17  
Professional training institutions 20.16, 20.17  
Profitability of basic agricultural products 8.15  
Profitability of operational activity 3.6, 3.7  
Public telephone communications 10.37–10.39, 10.41  
Publication of books, magazines and newspapers 22.8  
Private telephone 10.40, 10.42  
**R**  
R&D personnel 15.1  
R&D work 15.2–15.4  
Reforestation 8.66  
Refugees 16.33  
Registered public associations 1.3  
Registered unemployment 17.25, 17.26  
Religious organizations 1.2  
Residential buildings put into service 9.22–9.27  
Restaurants 12.1, 12.16, 12.17, 12.20, 12.21, 12.23, 12.24  
Retail trade 12.9–12.14, 12.16, 12.17, 12.20, 21.21, 12.23  
Retail trade turnover 12.6–12.14  
Rolling stock 10.22  
**S**  
Sale of agricultural products (structure of agricultural production sold) 8.16, 8.18  
Sale of goods 12.15–12.19  
Sanatoria 22.11, 22.12  
Schools of music, dance and fine arts 22.7  
Scientific staff with scientific degrees 15.5–15.7  
Secondary educational institutions 20.5–20.15  
Selected capacities for environmental protection 24.25  
Services 13.1–13.5  
Small enterprises 14.1–14.20  
Social and cultural facilities put into service 9.28–9.32  
Sown area for agricultural crops 8.21–8.26  
Sports facilities 22.15  
Sports school for children 22.14  
Staff training and skills upgrading 17.35, 17.36  
State notary services 23.14  
Structure of household expenditure by basic consumption expenditure 18.31
-



## INDEX

---

Structure of household money expenditure 18.20–18.23  
Structure of household money income 18.32–18.35  
Structure of household total resources 18.36–18.39  
Structure of total household expenditure 18.27–18.30  
Subsidies 21.32  
Supply of crop products to processing enterprises 8.43

### T

Tariff indices for post and communication services 4.11  
Tariff indices for shipment of cargo 4.12  
Tariff indices for transportation of cargo 4.13  
Television and radio programmes 22.10  
Theatres 22.2  
Timber procurement 8.65  
Titles of protection 15.14, 15.15  
Tourist flows 22.16  
Traffic accidents 10.32, 10.33  
Training of postgraduate and doctoral students 20.25, 20.26

### U

Unemployed 17.13–17.16  
Unemployed per a vacant job 17.22  
Unemployment 17.9, 17.12, 17.27, 25.6  
Use of fuel and energy resources 6.12, 6.16  
Use of industrial property subjects and innovation proposals 15.16  
Use of secondary raw materials 6.17, 6.19  
Use of employees' working time fund 17.38, 17.39

### V

Volume indices for freight shipped 10.4  
Volume indices of gross regional product 2.12, 2.13  
Volume indices for passengers transported 10.18  
Volume indices for retail trade turnover 12.7, 12.9, 12.13

### W

Wages of employees 17.27, 18.6–18.12  
Wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category 24.17–24.21  
Water (pollution, use, supply, consumption) 24.6–24.9  
Water supply and water drainage 24.6  
Wholesale trade turnover 12.2, 12.3  
Wild animals in hunting areas 8.59  
Working assets 3.9, 3.10  
Working conditions (benefits and compensations) 17.41, 17.42

### Y

Yields of agricultural crops 8.37–8.40

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