

STATE STATISTICS COMMITTEE OF UKRAINE

**STATISTICAL  
YEARBOOK OF  
UKRAINE  
for 2009**

Kyiv  
2010

ББК 65.9(4Укр)-05я2  
S81

## STATE STATISTICS COMMITTEE OF UKRAINE

Edited by **Olexander H. Osaulenko**  
Responsible for edition is **Natalya P. Pavlenko**

The Statistical Yearbook provides data on social and economic situation of Ukraine in 2009 earlier years. The Yearbook includes statistics on national accounts, production, finance, population, health, education and many other topics. It also includes comparisons of Ukraine with other CIS countries and other selected countries of the world.

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



### State Statistics Committee of Ukraine

- address: 3, Shota Rustaveli str., Kyiv-23, 01023, Ukraine
- tel.: 284-31-28
- fax: 235-37-39
- e-mail: [office@ukrstat.gov.ua](mailto:office@ukrstat.gov.ua)
- website: [www.ukrstat.gov.ua](http://www.ukrstat.gov.ua)

### Distribution of statistical publications of the State Statistics Committee of Ukraine

#### Derzhanalitinform

- address: office 413, 419, 4-6, Esplanadna str., Kyiv-601, 01601, Ukraine
- telephone/fax: 287-03-79, 289-77-62
- e-mail: [iaa@dstati.kiev.ua](mailto:iaa@dstati.kiev.ua)
- website: [www.iaa.kiev.ua](http://www.iaa.kiev.ua)

#### Book shop

- address: room 108, 3, Shota Rustaveli str., Kyiv-23, 01023, Ukraine
- tel.: 287-70-13

**ISBN 978-966-8459-26-9**

© State Statistics Committee of Ukraine, 2010  
© O.H. Osaulenko (editor), 2010

## FOREWORD

*The Statistical Yearbook of Ukraine for 2009* presents a wide range of statistics on social and economic situation in Ukraine in 2009 compared with 1990, 1995 and 2000–2008. Statistics have been compiled by type of economic and industrial (construction) activity, product type, organisational and legal status, region, etc. The publication contains the following sections: prices and tariffs, Unified State Register of Enterprises and Organisations of Ukraine (Business register), industry, agriculture, hunting, forestry, fishing, investment and construction activity, transport and communications, foreign economic activity, wholesale and retail trade, restaurant business, services, research and development, innovations and informatics, population, employment, income and expenditure of the population, housing conditions of the population, education, health and social aid, culture, leisure, sport and tourism, criminal justice, natural resources and environment protection. Basic indicators of the national accounts – gross domestic product and gross regional product are also included. Information about government finances, monetary system and financial activity of enterprises and organisations is shown separately. Indicators for activity of small enterprises are also included. Comparisons of the other social and economic situation in Ukraine, other CIS countries selected countries are shown in a separate section. Some indicators are presented in time series. Most sections also have methodological explanations.

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

*State Statistics Committee of Ukraine*

## ABBREVIATIONS USED IN THE YEARBOOK

bln.– billion	Mcal – mega-calorie
centner (100 kg)	m – metre
cub.m – cubic metre	mg – milligram
dal – dekalitre	mm – millimetre
Gcal – giga-calorie	mln.– million
g – gramme	µg – microgramme
g/L – gramme per litre	n.i.e. – not included elsewhere
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
L – litre	USD – dollar of USA

## CONVENTIONAL SYMBOLS USED IN THE YEARBOOK

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

## 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. Geographical and political characteristics .....	20
1.2. Religious organisations .....	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 .....	27
 <b>2. NATIONAL ACCOUNTS .....</b>	 <b>28</b>
2.1. Gross domestic product (GDP) .....	30
2.2. GDP production and distribution, by type of economic activity .....	30
2.3. GDP, volume indices .....	34
2.4. Output structure at market prices in 2009 .....	34
2.5. GDP, by category of final use .....	35
2.6. GDP structure, by income category .....	36
2.7. Aggregate national accounts .....	37
2.8. National accounts by institutional sector of the economy, 2008 .....	41
2.9. Input-output at consumer prices in 2008 .....	46
2.10. Gross regional product .....	48
2.11. Per capita gross regional product .....	49
2.12. Volume indices of gross regional product .....	50
2.13. Volume indices for per capita gross regional product .....	51
 <b>3. FINANCE AND CREDIT .....</b>	 <b>52</b>
3.1. Consolidated budget of Ukraine .....	54
3.2. Ukraine's Central budget deficit (surplus) and sources used for its funding .....	55
3.3. Budgets of Ukraine .....	55
3.4. Financial outcome from usual activity before taxation, by type of economic activity .....	59
3.5. Structure of working assets .....	59
3.6. Working assets, by type of economic activity .....	60
3.7. Loss-making enterprises, by type of economic activity .....	61
3.8. Profitability of operational activity, by type of economic activity .....	62
3.9. Profitability of operational activity of industrial enterprises .....	62
3.10. Accounts receivable and accounts payable, by region .....	63
3.11. Enterprise balance sheets in 2009, by type of economic activity .....	64



3.12. Money supply in Ukraine .....	66
3.13. Resident bank loans (except for deposit corporations).....	66
3.14. Average official exchange rates set by the National Bank of Ukraine .....	67
3.15. Official exchange rates set by the National Bank of Ukraine, end of year .....	67
3.16. Deposits by households, held with deposit-taking corporations (excluding National Bank of Ukraine) .....	67
3.17. Selected indicators of Ukraine's banks .....	68
<b>4. PRICES AND TARIFFS .....</b>	<b>69</b>
4.1. Price indices .....	70
4.2. Consumer price indices and industrial producer price indices in 2000–2009 .....	70
4.3. Consumer and producer price indices .....	70
4.4. Indices of consumer prices for the basic groups of goods and services .....	71
4.5. Consumer price indices in 2009, by region .....	72
4.6. Consumer price indices, by region .....	74
4.7. Industrial producer price indices, by type of activity .....	75
4.8. Producer price indices, by selected consumer goods .....	76
4.9. Price indices for products sold by agricultural enterprises .....	77
4.10. Price indices for construction and assembly operations .....	78
4.11. Tariff indices for post and communication services for enterprises, departments, organisations .....	79
4.12. Tariff indices for shipment of cargo by rail .....	79
4.13. Tariff indices for transportation by pipelines .....	79
<b>5. THE UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE (Business register) .....</b>	<b>80</b>
5.1. Number units in the Unified State Register of Enterprises and Organisations of Ukraine (Business register), by region .....	81
5.2. Business register units, by region .....	82
5.3. Business register units, by type of economic activity .....	83
5.4. Business register units, by the legal status and type of economic activity .....	83
5.5. Business register units, by the organisational and the legal forms of business .....	84
<b>6. MATERIAL AND ENERGY RESOURCES .....</b>	<b>86</b>
6.1. Capital assets in economy .....	87
6.2. Capital assets, by region .....	87
6.3. Capital assets, by type of economic activity .....	88
6.4. Indices of capital assets, by type of economic activity .....	89
6.5. Putting new capital assets into service, by region .....	90
6.6. Putting new capital assets into service, by type of economic activity .....	91
6.7. Degree of depreciation of capital assets, by region .....	92
6.8. Degree of depreciation of capital assets, by type of economic activity .....	93
6.9. Operational costs for the sold products (operations, services) and operational costs per unit of a product sold, by type of economic activity .....	94
6.10. Electricity balance sheet .....	96
<b>Uses of material and technical and energy resources .....</b>	<b>96</b>
6.11. Consumption of energy materials and refinery processing products in 2009, by the selected type of economic activity .....	96

6.12. Uses of fuel and energy resources for production needs .....	97
6.13. Consumption structure of energy materials and refinery processing products .....	97
6.14. Consumption of the selected energy materials and refinery processing products in 2009, by region .....	98
6.15. Costs structure of energy materials and refinery processing products in 2009, by consumption pattern .....	99
6.16. Uses of the secondary energy resources by enterprises and organisations .....	99
6.17. Uses of the secondary raw materials .....	100
6.18. Culling and spending of the basic material resources .....	101
6.19. Creation and uses of secondary raw materials and industrial wastes .....	102
6.20. Cost per unit of energy resources for the selected types of products (operations) .....	103
6.21. Accumulation of ash, and ash and slag wastes, by region .....	106
<b>7. INDUSTRY .....</b>	<b>107</b>
7.1. Industrial production in the economy .....	107
7.2. Basic indicators of industrial production .....	108
7.3. Industrial products sold in 2009, by type of activity .....	108
7.4. Industrial production indices, by type of activity .....	109
7.5. Operational costs and costs per unit of output, by type of industrial activity .....	110
7.6. Industrial production indices, by region .....	112
7.7. Industrial production indices of foodstuffs, beverages and tobacco products enterprises, by type of activity .....	113
7.8. Industrial production indices of coke and refined petroleum products enterprises, by type of activity .....	113
7.9. Industrial production indices for chemicals and petrochemicals, by type of activity .....	113
7.10. Industrial production indices of engineering, by type of activity .....	114
7.11. Capacity of electric power plants and output of electricity .....	115
7.12. Output of selected types of products by mining industry .....	115
7.13. Output of selected types of products by foodstuffs, beverages and light industry .....	116
7.14. Output of selected types of products by wood and cellulose and paper industry .....	116
7.15. Output of selected types of refined petroleum products .....	116
7.16. Output of selected types of chemical and petrochemical industry .....	117
7.17. Output of selected types of metallurgy industry .....	117
7.18. Output of selected types of engineering .....	117
7.19. Output of industrial products, by type of activity .....	118
7.20. Per capita basic foodstuffs production .....	125
7.21. Output of dairy products, by type .....	126
7.22. Output of sausages, by type .....	126
7.23. Output of alcoholic beverages and tobacco products .....	127
7.24. Output of confectionery products, by type .....	127
7.25. Output of sausages, by region .....	128
7.26. Output of unrefined sunflower-seed oil, by region .....	129
7.27. Output of processed skimmed milk, by region .....	130
7.28. Output of cheese with high fat content, by region .....	131
7.29. Output of sour milk products, by region .....	132
7.30. Output of flour, by region .....	133
7.31. Output of bread and flour products, by region .....	134
7.32. Output of granulated sugar, by region .....	135
7.33. Per capita output of basic products of light industry .....	135

7.34. Output of footwear, by region .....	136
7.35. Output of pipes and hollow shapes from ferrous metals .....	137
<b>8. AGRICULTURE, HUNTING, FORESTRY. FISHING .....</b>	<b>138</b>
8.1. Agriculture, hunting, forestry and fishing in the economy .....	140
8.2. Operating enterprises in 2009, by organisational and legal form of business .....	140
<b>Agriculture .....</b>	<b>141</b>
8.3. Agricultural production .....	141
8.4. Agricultural production, by category of enterprises .....	141
8.5. Agricultural production, by region .....	142
8.6. Share of the household holdings in agricultural production .....	143
8.7. Per capita output of agricultural products .....	143
8.8. Agricultural production indices .....	144
8.9. Agricultural production indices, by category of enterprises .....	144
8.10. Agricultural production indices, by region .....	145
8.11. Operating agricultural enterprises in 2009, by organisational and legal form of business, by region .....	146
8.12. Distribution of operating agricultural enterprises in 2009, by size of agricultural lands .....	147
8.13. Tractors, harvesting combines and trucks in agricultural enterprises .....	147
8.14. Costs structure for agricultural output in agricultural enterprises .....	148
8.15. Profitability of agricultural activities in agricultural enterprises, by region .....	149
8.16. Profitability of basic agricultural products in agricultural enterprises .....	150
8.17. Sales of agricultural products by agricultural enterprises .....	150
8.18. Agricultural production given to shareholders as rent payments for land and property shares (stocks) .....	151
8.19. Structure of agricultural sales by agricultural enterprises .....	152
<b>Crop growing .....</b>	<b>153</b>
8.20. Total land area and agricultural land in 2009 .....	153
8.21. Irrigated and drained land area .....	153
8.22. Sown area for basic agricultural crops in 1940–2009 .....	154
8.23. Sown area for basic agricultural crops .....	155
8.24. Structure of sown area for basic agricultural crops .....	156
8.25. Sown area for agricultural crops in 2009, by region .....	157
8.26. Harvested area .....	158
8.27. Area planted with fruit and berries, and grapes .....	158
8.28. Output of basic agricultural crops in 1913–2009 .....	159
8.29. Output of basic agricultural crops .....	160
8.30. Output of basic agricultural crops, by category of enterprises .....	161
8.31. Output of grain crops, by region .....	162
8.32. Output of sugar beets (for processing), by region .....	163

8.33. Output of sunflower seeds, by region .....	164
8.34. Output of potatoes, by region .....	165
8.35. Output of vegetables, by region .....	166
8.36. Output of fruit and berries, by region .....	167
8.37. Output of grapes, by region .....	168
8.38. Yields of basic agricultural crops in 1940–2009 .....	169
8.39. Yields of basic of agricultural crops .....	170
8.40. Yields of grain crops in 2009, by region .....	171
8.41. Yields of major of agricultural crops in 2009, by region .....	172
8.42. Collective horticulture and market gardening .....	173
8.43. Use of fertilisers for agricultural crops in agricultural enterprises .....	173
8.44. Supply of crop products for processing enterprises .....	174
<b>Cattle raising .....</b>	<b>175</b>
8.45. Livestock and poultry population in 1915–2009 .....	175
8.46. Livestock and poultry population, by category of enterprises .....	176
8.47. Livestock and poultry population in 2009, by region .....	177
8.48. Output of basic animal products in 1940–2009 .....	178
8.49. Output of basic animal products, by category of enterprises .....	179
8.50. Output of meat, by category .....	180
8.51. Output of meat, by region .....	180
8.52. Output of milk, by region .....	181
8.53. Output of eggs, by region .....	182
8.54. Livestock and poultry productivity .....	183
8.55. Average weight of a livestock per head sold for processing enterprises .....	183
8.56. Average annual yield of milk per cow, by region .....	184
8.57. Livestock and poultry feeds used .....	185
8.58. Animal products supplied for processing enterprises .....	185
<b>Hunting .....</b>	<b>186</b>
8.59. Basic hunting indicators .....	186
8.60. Total number of wild animals in hunting areas .....	187
<b>Forestry .....</b>	<b>188</b>
8.61. Forest stock .....	188
8.62. Basic indicators of forestry operations .....	188
8.63. Forestry products, operations and services, by region .....	189
8.64. Forest felling in 2009, by region .....	190
8.65. Forest maintenance and reproduction felling and other activities, by region .....	191
8.66. Marketable timber produced, by region .....	192
8.67. Forest reproduction, by region .....	193
8.68. Reforestation, by region .....	194
8.69. Forest protection operations .....	195
8.70. Forest fires in 2009, by region .....	195
<b>Fishing .....</b>	<b>196</b>
8.71. Fishing and harvesting of other water living resources, by type of water basin .....	196
8.72. Fishing and harvesting of other water living resources, by type .....	197
8.73. Fishing and harvesting of other water living resources, by region .....	198

<b>9. INVESTMENT AND CONSTRUCTION ACTIVITY .....</b>	<b>199</b>
9.1. Capital investment .....	200
9.2. Capital investment, by source of financing .....	201
9.3. Fixed capital investment, by source of financing .....	202
9.4. Structure of capital investment and fixed capital investment, by source of financing in 2009 .....	202
9.5. Fixed capital investment, by region .....	203
9.6. Indices for fixed capital investment, by region .....	204
9.7. Per capita fixed capital investment, by region .....	205
9.8. Fixed capital investment, by type of economic activity .....	206
9.9. Indices for fixed capital investment, by type of economic activity .....	207
9.10. Fixed capital investment, by industrial activity .....	208
9.11. Indices for fixed capital investment, by industrial activity .....	209
9.12. Structure of fixed capital investment in 2009, by type of economic activity .....	209
9.13. Selected production capacities put into operation during the year .....	210
9.14. Agricultural production and capacities put into operation during the year.....	211
9.15. Basic indicators for construction .....	211
9.16. Indices of construction output, by region.....	212
9.17. Indices of construction output, by type of activity .....	213
9.18. Construction output, by type of activity.....	213
<b>Residential, social and cultural construction .....</b>	<b>214</b>
9.19. Fixed capital investment in residential construction, by region .....	214
9.20. Indices for fixed capital investment in residential construction, by region .....	215
9.21. Residential buildings and social facilities put into service .....	216
9.22. Residential buildings put into service in 2009, by region .....	217
9.23. Residential buildings put into service, by region .....	218
9.24. Individual residential buildings put into service, by region .....	219
9.25. Residential buildings put into service in urban areas, by region .....	220
9.26. Residential buildings put into service in rural areas, by region .....	221
9.27. Residential buildings put into service and the number of apartments built .....	222
9.28. Residential buildings put into service .....	222
9.29. Capacity of secondary educational institutions put into service, by region .....	223
9.30. Capacity of higher educational and professional training institutions put into service .....	224
9.31. Capacity of hospital facilities put into service, by region .....	224
9.32. Capacity of clinics put into service, by region .....	225
9.33. Capacity of health care, physical education and social protection facilities put into service .....	226
<b>10. TRANSPORT AND COMMUNICATIONS .....</b>	<b>227</b>
<b>Transport .....</b>	<b>228</b>
10.1. Freight shipped in 1940–2009, by mode of transport .....	228
10.2. Freight shipped, by mode of transport .....	228
10.3. Share of freight shipped, by mode of transport.....	229
10.4. Volume indices for freight shipped, by mode of transport .....	229
10.5. Freight traffic in 1940–2009, by mode of transport .....	230
10.6. Freight traffic, by mode of transport .....	230
10.7. Distribution of freight traffic, by mode of transport .....	230
10.8. Freight shipped, by rail of general use .....	231
10.9. Freight shipped, by river .....	231

10.10. Freight shipped, by sea .....	232
10.11. Freight handled in sea and river ports (goods and fish) .....	232
10.12. Freight handled in sea and river ports (goods and fish) in 2009, by type .....	233
10.13. Freight shipped by road, by region .....	234
10.14. Road freight traffic, by region .....	235
10.15. Freight transported by pipeline .....	235
10.16. Total passengers transported in 1940–2009, by mode of transport .....	236
10.17. Total passengers transported, by mode of transport .....	236
10.18. Volume indices for passenger transport .....	237
10.19. Passenger traffic in 1940–2009, by mode of transport (excluding urban electric transport) .....	237
10.20. Passenger traffic by mode of transport .....	238
10.21. Passenger transport, by type of journey and selected mode of transport .....	238
10.22. Rolling stock, by mode of transport and purpose .....	239
10.23. Private cars, by region .....	240
<b>Roads .....</b>	<b>241</b>
10.24. Length of transport network in 1940–2009 .....	241
10.25. Operational length of transport network .....	242
10.26. Density of transport network .....	242
10.27. Introduction of modern mode of transport network .....	243
10.28. Freight transport intensity, by mode .....	244
10.29. Passengers traffic intensity, by mode of transport network .....	244
10.30. Average distance of freight transport, by mode .....	244
10.31. Average distance of passenger transport, by mode .....	245
10.32. Traffic accidents on roads and streets .....	245
10.33. Persons killed and injured due to road accidents .....	246
<b>Communications .....</b>	<b>246</b>
10.34. Revenues of post and communications services .....	246
10.35. Revenues of post and communications services to households .....	247
10.36. Post and communications services .....	247
10.37. Telephone communications .....	248
10.38. Availability of telephones to households .....	248
10.39. Telephones in urban and rural areas, by region .....	249
10.40. Private telephones, by region .....	250
10.41. Inter-city telephones, by region .....	251
10.42. Demand and availability of private telephones, by region .....	252
10.43. Urban automated telephone switching systems put into service, by region .....	253
<b>11. FOREIGN ECONOMIC ACTIVITY .....</b>	<b>254</b>
11.1. Foreign trade in goods, by country .....	254
11.2. Exports/imports of goods in 2009, by region .....	259
11.3. Commodity structure of foreign trade in 2009 .....	260
11.4. Exports/imports of goods for processing, by country .....	261
11.5. Foreign trade in services, by country .....	264
11.6. Exports/imports of services in 2009, by region .....	266

11.7. Structure of exports/imports of services in 2009 .....	267
11.8. Foreign direct investment in Ukraine in 2009 .....	268
11.9. Direct investment in Ukraine, by country .....	269
11.10. Foreign direct investment in Ukraine in 2009, by type of economic activity .....	270
11.11. Direct investment in 2009, by region .....	271
11.12. Direct Ukrainian investment abroad in 2009 .....	272
11.13. Direct Ukrainian investment abroad, by country .....	273
11.14. Direct Ukrainian investment abroad in 2009, by type of economic activity .....	274
 <b>12. WHOLESALE AND RETAIL TRADE, RESTAURANTS .....</b>	<b>275</b>
12.1. Trade and restaurant turnover .....	275
12.2. Wholesale trade turnover, by region .....	276
12.3. Commodity structure of wholesale trade turnover .....	277
12.4. Turnover conducted via exchanges.....	281
12.5. Exchanges .....	281
12.6. Basic indicators for retail turnover of enterprises .....	282
12.7. Volume indices of retail trade turnover of enterprises .....	282
12.8. Retail turnover of enterprises, by region .....	283
12.9. Per capita retail trade turnover of enterprises, volume indices .....	284
12.10. Per capita retail trade turnover of enterprises in urban and rural areas .....	284
12.11. Proportion of food and manufactured products in retail trade turnover of enterprises .....	284
12.12. Per capita retail trade turnover of enterprises, by region .....	285
12.13. Retail trade turnover of enterprises, volume indices for goods .....	286
12.14. Commodity structure of retail trade turnover of enterprises .....	287
12.15. Share of consumer goods sales (produced in Ukraine) through trade networks of enterprises .....	289
12.16. Foodstuffs sold through retail trade and restaurant network of enterprises .....	291
12.17. Alcoholic beverages and tobacco products sold through retail trade and restaurant network of enterprises .....	291
12.18. Per capita sales of alcoholic beverages, by region .....	292
12.19. Retail sales of durables .....	293
12.20. Retail trade enterprises and restaurants, by type of economic activity .....	293
12.21. Local units of retail trade and restaurants of enterprises.....	294
12.22. Consumer goods markets .....	294
12.23. Local units of retail trade and restaurants of enterprises, by region .....	295
12.24. Floor space of shops and seating capacity of restaurants (enterprises), by region .....	296
 <b>13. SERVICES .....</b>	<b>297</b>
13.1. Activity of service enterprises, by region .....	297
13.2. Services sold to the population, by region .....	298
13.3. Services, by type of economic activity .....	299
13.4. Structure of services, by type of economic activity .....	302
13.5. Indices for the sold services, by region .....	304

<b>14. DEVELOPMENT OF SMALL BUSINESS .....</b>	<b>305</b>
14.1. Basic indicators for small enterprises .....	306
14.2. Small enterprises per 10 thsd. present population, by region .....	307
14.3. Number of employees at small enterprises, by type of economic activity .....	308
14.4. Share of the number of employees at small enterprises in the total number of employees, by type of economic activity .....	308
14.5. Employment at small enterprises, by region .....	309
14.6. Share of the number of employees at small enterprises in the total number of employees, by region .....	310
14.7. Number of employees at small enterprises in 2009, by type of economic activity and region .....	311
14.8. Volume of products (operations, services) sold by small enterprises, by type of economic activity .....	312
14.9. Share of small enterprises in the total output of products (operations, services) sold, by type of economic activity .....	312
14.10. Volume of products (operations, services) sold by small enterprises, by region .....	313
14.11. Share of small enterprises in the total output of products (operations, services) sold, by region .....	314
14.12. Volume of products (operations, services) sold by small enterprises in 2009, by type of economic activity and region .....	315
14.13. 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 .....	316
14.14. Financial outcome from usual activity of small enterprises before taxation, by type of economic activity .....	318
14.15. Financial outcome from usual activity of small enterprises before taxation in 2009, by region .....	319
<b>15. RESEARCH AND DEVELOPMENT, INNOVATIONS AND INFORMATICS .....</b>	<b>320</b>
15.1. R&D personnel .....	322
15.2. R&D work performed on own account of organisations (enterprises), by type .....	322
15.3. Funding of R&D work, by source of financing .....	323
15.4. Costs of R&D work performed on own account of organisations, by type .....	323
15.5. Scientific staff with scientific degrees .....	323
15.6. Scientific staff with scientific degrees, by age .....	324
15.7. Scientific staff with scientific degrees leaving Ukraine for other countries .....	324
15.8. Innovation-active industrial enterprises, by type of economic activity .....	325
15.9. Total innovation costs in industry .....	326
15.10. Financing of innovation activity in industry .....	326
15.11. Industrial enterprises that introduced innovations .....	327
15.12. Introduction of advanced technological processes and development of new products in industry .....	327
15.13. Amount of innovation products sold .....	327
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 .....	328
15.15. Titles of protection received by the State Department of Intellectual Property and patent offices of other countries, by type of economic activity .....	329



15.16. Use of industrial property subjects and innovation proposals, by type of economic activity .....	331
15.17. Availability of computing equipment by region .....	332

## **16. POPULATION ..... 333**

16.1. Total population .....	335
16.2. Present population since 1913 .....	335
16.3. Resident population, by sex and region .....	336
16.4. Resident population, by age group .....	337
16.5. Resident population, by main age group and region .....	338
16.6. Cities and towns with over 50 thsd. present population .....	339
16.7. Pensioners .....	341
16.8. Pensioners, by region .....	341
16.9. Crude rates of birth, death and natural increase of the population since 1913 .....	342
16.10. Births, deaths and natural population increase .....	342
16.11. Crude rates of birth, death and natural increase of the population .....	343
16.12. Births, by sex .....	343
16.13. Birth rates, by age group .....	343
16.14. Birth, death and natural population increase rates in 2009, by region .....	344
16.15. Share of children born by females not legally married .....	345
16.16. Births, by mother's marriage status and order of birth .....	345
16.17. Death rates, by age group .....	346
16.18. Death rates, by major causes of death .....	346
16.19. Death rates by major causes of death in 2009, by region .....	347
16.20. Death rates of infants under 1 year old .....	348
16.21. Mortality of infants under 1 year old, by major a causes of death .....	348
16.22. Mortality rates of infants under 1 year old, by region .....	349
16.23. Deaths due to some external causes of deaths .....	350
16.24. Life expectancy at birth .....	350
16.25. Marriages and divorces .....	351
16.26. Married persons, by pre-marriage status and sex .....	351
16.27. Divorces by the number of children in common under 18 in 2009 .....	351
16.28. Divorces, by duration of marriage .....	352
16.29. Population migration in 2009 .....	352
16.30. Population migration in 2009, by region .....	353

## **17. EMPLOYMENT ..... 355**

17.1. Population, by economic activity .....	358
17.2. Population in 2009, by economic activity, sex and place of residence .....	358
17.3. Economically active population, by region .....	359
17.4. Employment .....	360
17.5. Employment, by type of economic activity .....	360
17.6. Employment, by region .....	361
17.7. Number of employees, by type of economic activity .....	362
17.8. Number of employees, by region .....	362
17.9. ILO unemployment, by region .....	363
17.10. Economically active population in 2009, by sex and age group .....	364
17.11. Employment rate in 2009, by sex, place of residence and age group .....	364

17.12. ILO unemployment rate in 2009, by sex, place of residence and age group .....	364
17.13. ILO unemployed, by duration of unemployment .....	365
17.14. ILO unemployed, by duration of job search .....	365
17.15. ILO unemployed, by cause of unemployment .....	366
17.16. ILO unemployed in 2009, by cause of unemployment and sex .....	366
17.17. Layoffs, by type of economic activity .....	367
17.18. Layoffs, by region .....	368
17.19. Registered vacancies, by type of economic activity .....	369
17.20. Demand and supply of labour force on labour market, by region .....	370
17.21. Demand and supply of labour force, by occupational group .....	371
17.22. Number of the unemployed per a vacant job, 2005 and 2009 .....	371
17.23. Placement of registered unemployed, by type of economic activity .....	372
17.24. Placement of registered unemployed, by region .....	373
17.25. Registered unemployment rate, by region .....	374
17.26. Duration of registered unemployment .....	375
17.27. Unemployment benefit and wages in December of 2000–2009 .....	375
17.28. Average annual number of employees, by type of economic activity .....	376
17.29. Average annual number of employees, by region .....	377
17.30. Average annual number of employees, by industrial activity .....	378
17.31. Government employees, by type of activity .....	379
17.32. Employees, by level of education and economic activity .....	380
17.33. Working pensioners, by type of pension and economic activity .....	381
17.34. Employment of younger people, by type of economic activity .....	382
17.35. Staff training and skills upgrading in 2009, by type of economic activity .....	383
17.36. Staff training and skills upgrading in 2009, by region .....	384
17.37. Rate for employees' recruitment and retirement, by type of economic activity .....	385
17.38. Use of employees' working time in 2009, by type of economic activity .....	386
17.39. Use of employees' working time in 2009, by industrial activity .....	387
17.40. Labour contracts concluded, by type of economic activity .....	388
17.41. Working conditions, by type of economic activity .....	389
17.42. Employees receiving compensations and benefits for working under harmful conditions, by type of economic activity .....	390
<b>18. POPULATION INCOME AND EXPENDITURE .....</b>	<b>391</b>
18.1. Population income and expenditure .....	393
18.2. Structure of population income in 2009 .....	394
18.3. Structure of population expenditure and savings in 2009 .....	394
18.4. Population income, by region .....	395
18.5. Population expenditure, by region .....	396
18.6. Average monthly wages of employees .....	397
18.7. Average monthly nominal and real wages of employees .....	397
18.8. Distribution of employees in December of 2007–2009, by nominal wages .....	398
18.9. Average monthly nominal wages of employees, by type of economic activity .....	398
18.10. Average monthly nominal wages of employees, by industrial activity .....	399

18.11. Average monthly nominal wages of employees, by region .....	400
18.12. The number and nominal wages of employees in 2009, by sex and type of economic activity .....	401
18.13. Average monthly pension .....	402
18.14. Differentiation of household living standards .....	403
18.15. Households, by size and number of children .....	403
18.16. Households with children, by number of children .....	404
18.17. Population, by per capita money income .....	404
18.18. Households, by per capita money income .....	405
18.19. Households in 2009, by per capita money income, household size and number of children .....	406
18.20. Structure of household money expenditure .....	407
18.21. Structure of household money expenditure, by household size .....	407
18.22. Structure of money expenditure for households with children, by number of children .....	408
18.23. Structure of household money expenditure in 2009, by per capita income .....	408
18.24. Population, by total per capita income .....	409
18.25. Households, by total per capita income .....	410
18.26. Households in 2009, by total per capita income, household size and number of children .....	411
18.27. Structure of total household expenditure .....	412
18.28. Structure of total household expenditure, by household size .....	412
18.29. Structure of total expenditure for households with children, by number of children .....	413
18.30. Structure of total household expenditure in 2009, by different total per capita income .....	413
18.31. Structure of household expenditure in 2009, by basic consumption expenditure .....	414
18.32. Structure of household money income .....	415
18.33. Structure of household money income, by household size .....	415
18.34. Structure of money income for households with children, by number of children .....	416
18.35. Structure of household money income in 2009, by per capita money income .....	416
18.36. Structure of household total resources .....	417
18.37. Structure of household total resources, by household size .....	418
18.38. Structure of total resources of households with children, by number of children .....	419
18.39. Structure of household total resources in 2009, by total per capita income .....	420
18.40. Foodstuffs consumed by households .....	421
18.41. Foodstuffs consumed by households, by household size .....	421
18.42. Foodstuffs consumed by households with children, by number of children within household .....	422
18.43. Foodstuffs consumed by households in 2009, by total per capita income .....	422
18.44. Foodstuffs consumed by households, by quintile (20%) group and total per capita income .....	423
18.45. Foodstuffs consumed .....	424
18.46. Consumed nutrients .....	425
18.47. Availability of selected durables in households .....	425
18.48. Privately owned passenger cars, by region .....	426
18.49. Households deposits taken by deposit corporations (except National Bank of Ukraine) in 2009, by region .....	427
<b>19. HOUSING CONDITIONS OF THE POPULATION .....</b>	<b>428</b>
19.1. Housing stock .....	429

19.2. Number of apartment applicants and improvement of housing conditions .....	429
19.3. Allocation of housing to the some categories of population .....	430
19.4. Families and single persons registered as requiring housing in urban areas, by region .....	432
19.5. Families and single persons who obtained housing and improved their housing conditions in urban areas, by region .....	433
19.6. Housing stock, by region .....	434
19.7. Average of housing size, by region .....	436
19.8. Housing stock facilities .....	438
19.9. Improving housing amenities in settlements .....	438
<b>20. EDUCATION .....</b>	<b>439</b>
20.1. Pre-school educational institutions .....	440
20.2. Pre-school educational institutions, by region .....	441
20.3. Children enrolled in pre-school educational institutions, by region .....	442
20.4. Children in pre-school educational institutions, by language of instruction and region .....	443
20.5. Secondary educational institutions and institutions of higher education for 1914–2009 .....	444
20.6. Enrollment in educational institutions .....	445
20.7. Secondary educational institutions .....	445
20.8. Secondary educational institutions, by region .....	446
20.9. Secondary educational institutions at the beginning of 2009/10, by region .....	447
20.10. Day secondary educational institutions of new type at the beginning of 2009/10, by region .....	448
20.11. Day secondary educational institutions .....	449
20.12. Attendance by shift in day secondary educational institutions .....	449
20.13. Pupils of day secondary educational institutions, by language of instruction and region .....	450
20.14. Night (part-time) secondary educational institutions .....	450
20.15. Pupils graduating from secondary educational institutions .....	451
20.16. Professional training institutions .....	451
20.17. Skilled workers graduating from professional training institutions, by region .....	452
20.18. Institutions of higher education .....	453
20.19. Competitive examinations to institutions of higher education .....	453
20.20. Enrollment to institutions of higher education and training of specialists in 2009, by source of funds required for their training and educational and qualification levels .....	454
20.21. Institutions of higher education of the 1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation, by region .....	454
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 .....	455
20.23. Institutions of higher education of the 3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation, by region .....	456
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 .....	457
20.25. Training of postgraduate students .....	458
20.26. Training of doctoral students .....	458
<b>21. HEALTH AND SOCIAL AID .....</b>	<b>459</b>
21.1. Health care institutions, facilities and personnel .....	460
21.2. Health care indicators .....	461
21.3. Physicians of all specialisations, by region .....	462
21.4. Paramedical personnel, by region .....	463
21.5. Hospital beds, by region .....	464

21.6. Planned capacity of out-patient and polyclinic institutions, by region .....	465
21.7. Morbidity, by disease .....	466
21.8. Incidence of selected infectious diseases .....	467
21.9. New HIV infections and number of persons registered as HIV positive .....	467
21.10. HIV infected and HIV positive, by region .....	468
21.11. Incidence of malignant tumours .....	469
21.12. Incidence of malignant tumours in 2009, by location .....	469
21.13. Incidence of mental illness .....	470
21.14. Incidence of active tuberculosis .....	470
21.15. Incidence of active tuberculosis, by region .....	471
21.16. Incidence of illnesses due to drug addiction .....	472
21.17. Incidence of venereal disease .....	472
21.18. Abortions .....	473
21.19. Industrial injuries .....	473
21.20. Industrial injuries, by region .....	474
21.21. Industrial deaths, by region .....	475
21.22. Disabled persons, by region .....	476
21.23. Persons declared disabled for the first time in 2009, by disease .....	477
21.24. Persons declared disabled for the first time, by region .....	478
21.25. Care homes for the aged and disabled (adults and children) .....	478
21.26. Care homes for the aged and disabled (adults and children), by region .....	479
21.27. Cash benefits to low-income persons incapable of working in 2009 .....	480
21.28. Cash and in-kind assistance to low-income persons incapable of working in 2009 .....	480
21.29. Selected boarding schools and institutions for social protection of children .....	481
21.30. Adopted orphans and children deprived of parents' guardianship .....	481
21.31. Children who were in centers of social and psychological rehabilitation and shelter-care facilities for children .....	482
21.32. Subsidies to the population in 2009, by region .....	483
<b>22. CULTURE, LEISURE, SPORT AND TOURISM .....</b>	<b>484</b>
22.1. Basic institutions of culture and art in 1913–2009 .....	485
22.2. Theatres, concert organisations and museums .....	486
22.3. Libraries, cinemas and cultural institutions .....	486
22.4. Cultural and arts institutions in 2009, by region .....	487
22.5. Availability of cultural institutions, by region .....	488
22.6. Attendance at cultural and arts institutions, by region .....	489
22.7. Schools of music, dance and fine arts .....	490
22.8. Publication of books, magazines and newspapers .....	490
22.9. Exhibition activity .....	490
22.10. Local television and radio programmes of state broadcasting companies in 2009, by region .....	491
22.11. Sanatorium-and-spa institutions, recreational facilities .....	492
22.12. Sanatoria and institutions with medical care and leisure facilities, by region .....	493
22.13. Health camps for children in 2009, by region .....	494
22.14. Sports school for children, by region .....	495
22.15. Activity of physical training and sports institutions .....	496
22.16. Sports facilities .....	497
22.17. Physical training and health improving activity .....	498
22.18. Tourist flows .....	498
22.19. Hotels and other institutions for short-term stay, by region .....	499

22.20. Service facilities in hotels and other places for short-term stay, by region .....	500
22.21. Capacities of hotels and other places for short-term stay, by region .....	501
<b>23. CRIMINAL JUSTICE .....</b>	<b>502</b>
23.1. Registered crimes, by selected category .....	503
23.2. Registered crimes, by region .....	503
23.3. Crimes related on narcotics and other harmful drugs .....	504
23.4. Court convictions, by selected crime .....	504
23.5. Court convictions, by region .....	505
23.6. Convicted persons by category .....	506
23.7. Convicted persons, by major type of sentence .....	506
23.8. Share of young people (below 30 years of age), convicted for selected crimes .....	507
23.9. Share of minors convicted for selected crimes .....	508
23.10. Institutions executing sentences and number of prisoners .....	509
23.11. Number and composition of minors who were registered by units of criminal police in juvenile delinquency cases .....	509
23.12. Persons indicted for administrative offences, by category of law violation .....	510
23.13. Consideration of cases (applications) by courts of first instance in the procedure of civil justice .....	511
23.14. State notary services .....	511
23.15. Fires .....	512
23.16. Fires, by cause .....	512
<b>24. NATURAL RESOURCES AND ENVIRONMENT PROTECTION .....</b>	<b>513</b>
<b>Land .....</b>	<b>515</b>
24.1. Lands of Ukraine .....	515
24.2. Preserves and national nature parks .....	515
24.3. Damaged and recultivated land .....	515
24.4. Land protection operations .....	516
24.5. Liming and plastering of soils .....	516
<b>Water resources .....</b>	<b>517</b>
24.6. Water supply and water drainage, basic indicators .....	517
24.7. Fresh water consumption, by region .....	517
24.8. Recycled and reused water, by region .....	518
24.9. Waste recycled waters drained into natural surface water basins in 2009, by region .....	519
<b>Atmosphere .....</b>	<b>520</b>
24.10. Emission of pollutants and carbon dioxide into the atmosphere .....	520
24.11. Emission of pollutants into the atmosphere, by region .....	521
24.12. Stationary pollutant emissions and carbon dioxide into the atmosphere in 2009, by type of economic activity .....	522
24.13. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns .....	523
24.14. Pollutant emissions and carbon dioxide into the atmosphere from movable sources of pollution in 2009, by region .....	526

24.15. Pollutant emissions and carbon dioxide into the atmosphere from stationary sources of pollution in 2009, by region .....	527
24.16. Implementation of air protection measures in 2009 .....	528
<b>Wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category .....</b>	<b>529</b>
24.17. Basic indicators for the treatment of wastes of 1 <sup>st</sup> –3 <sup>rd</sup> hazard category .....	529
24.18. Generation of wastes of 1 <sup>st</sup> –3 <sup>rd</sup> hazard category, by hazard category.....	529
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 .....	529
24.20. Generation of wastes of 1 <sup>st</sup> –3 <sup>rd</sup> hazard category, by region .....	530
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 .....	531
<b>Use of environment, economic indicators .....</b>	<b>532</b>
24.22. Capital investment and current costs for environmental protection .....	532
24.23. Structure of capital investment for environmental protection, by purpose .....	532
24.24. Structure of current costs for environmental protection, by purpose .....	533
24.25. Selected capacities for environmental protection put into service .....	533
24.26. Ecological payments .....	534
<b>25. INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES .....</b>	<b>535</b>
25.1. Population .....	535
25.2. Crude birth rate .....	537
25.3. Crude death rate .....	539
25.4. Population crude rate .....	541
25.5. Life expectancy at birth by sex .....	543
25.6. Unemployment rate .....	545
25.7. GDP .....	547
25.8. GDP annual growth rate .....	549
25.9. GDP per capita .....	551
25.10. Industrial production indices .....	553
25.11. Consumer price indices .....	555
25.12. Industrial producer price indices .....	557
25.13. Human development index in 2007 .....	559
<b>INDEX .....</b>	<b>561</b>

## 1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

### 1.1. Geographical and political characteristics

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

<b>Population</b>	46,0 mln.
<b>Area</b>	603,5 thsd.sq.km (source: the State Committee of Ukraine for 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 a temperate continental climate. The Southern Crimean climate has subtropical features.

<b>Annual rainfall in 2009</b>		<i>(source: the Ukrainian Hydrometeorological center; mm)</i>	
Steppe	498	Forest	714
Forest-steppe	554	Kyiv city	450

<b>Air temperature</b>			<i>(source: the Ukrainian Hydrometeorological center; °C)</i>
<b>Average monthly air temperature in 2009</b>			
	<b>January</b>		<b>July</b>
Steppe	−3,0		24,0
Forest–steppe	−4,0		21,2
Forest	−3,2		20,2
Kyiv city	−3,3		21,7

In 2009 the absolute minimum air temperature was minus 33<sup>0</sup> in January in the Luhansk oblast.

In 2009 the absolute maximum air temperature was plus 40<sup>0</sup> in June in the Kherson oblast and in July in the Luhansk 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	Utiytskyi	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 state is the President elected by the citizens of Ukraine through equal vote and direct countrywide elections a the period of 5 years and not more than two consecutive terms.

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

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

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

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

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

## 1.2. Religious organisations

*(beginning of year)*

	1996	2001	2003	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	<b>17045</b>	<b>24311</b>	<b>27446</b>	<b>28740</b>	<b>29699</b>	<b>30507</b>	<b>31227</b>	<b>32018</b>	<b>32639</b>	<b>33351</b>
Centers, departments (eparchies, dioceses, etc.)	161	241	269	285	294	299	317	328	340	350
Communities	16583	23400	26343	27569	28481	29262	29913	30670	31257	31940
Monasteries	147	277	344	365	378	386	406	421	432	439
Missions	79	214	261	283	298	309	326	333	340	347
Brotherhoods	17	53	73	75	75	76	80	74	74	76
Theological schools	58	126	156	163	173	175	185	192	196	199
Number of clergy	15315	22626	25991	26641	27902	28431	29423	29441	29892	30516
Number of Sunday schools	4597	7684	9974	11501	12039	12522	12775	12689	12633	12758

Of the total religious organisations registered at the beginning of 2010, 17834 were Orthodox, 4837 Catholic, 9233 Protestant, 297 communities of Judaic denomination, 571 Moslem, 96 of Eastern cults and 472 other. In addition 1833 religious organisations operated unofficially.

## 1.3. Registered public associations

*(as of January 1, 2010)*

	Registered public associations	Official status	
		international	Ukrainian
<b>Total</b>	<b>3280</b>	<b>685</b>	<b>2595</b>
Political parties	172	—	172
Non-profit organisations	3108	685	2423
People's Rukhs (movements)	10	4	6
Ethnic societies and associations for friendly cooperation	172	75	97
Youth associations	208	18	190
of which, student associations	16	—	16
Children's associations	20	3	17
Women's associations	47	4	43
Associations of veterans and disabled	90	15	75
of which, associations of war veterans and disabled	12	—	12
Professional associations	584	82	502
Environment protection (ecological) associations/societies	72	23	49
Societies for protection of memorials and relics	4	1	3
Health, sports and physical training associations	376	37	339
Associations for protection of people from the Chernobyl disaster consequences	37	23	14
Scientific and technological societies, artistic unions	156	41	115
Educational and cultural associations	221	57	164
Other non-profit organisations	1111	302	809
In addition: unions of public associations	129	13	116
charitable organisations (associations, funds and other)	1038	660	378
trade union organisations	154	—	154

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

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

*(as of January 1, 2010)*

	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>45962,9</b>	<b>31524,8</b>	<b>14438,1</b>	<b>68,6</b>	<b>76</b>
Autonomous Republic of Crimea	26,1	1965,3	1235,8	729,5	62,9	75
<b>oblasts</b>						
Vinnitsya	26,5	1650,6	814,2	836,4	49,3	62
Volyn	20,1	1036,7	535,4	501,3	51,6	51
Dnipropetrovsk	31,9	3355,5	2801,3	554,2	83,5	105
Donetsk	26,5	4466,7	4042,8	423,9	90,5	168
Zhytomyr	29,8	1285,8	742,2	543,6	57,7	43
Zakarpattia	12,8	1244,8	462,6	782,2	37,2	98
Zaporizhzhya	27,2	1811,7	1391,6	420,1	76,8	67
Ivano-Frankivsk	13,9	1380,7	596,4	784,3	43,2	99
Kyiv	28,1	1721,8	1052,1	669,7	61,1	61
Kirovohrad	24,6	1017,8	627,9	389,9	61,7	41
Luhansk	26,7	2311,6	2003,2	308,4	86,7	87
Lviv	21,8	2549,6	1548,0	1001,6	60,7	117
Mykolayiv	24,6	1189,5	804,7	384,8	67,7	48
Odesa	33,3	2391,0	1595,1	795,9	66,7	72
Poltava	28,8	1499,6	912,5	587,1	60,8	52
Rivne	20,1	1151,6	550,2	601,4	47,8	57
Sumy	23,8	1172,3	787,6	384,7	67,2	49
Ternopil	13,8	1088,9	474,7	614,2	43,6	79
Kharkiv	31,4	2769,1	2214,1	555,0	80,0	88
Kherson	28,5	1093,4	668,5	424,9	61,1	38
Khmelnyskiy	20,6	1334,0	726,2	607,8	54,4	65
Cherkasy	20,9	1295,2	724,1	571,1	55,9	62
Chernivtsi	8,1	904,4	379,3	525,1	41,9	112
Chernihiv	31,9	1109,7	692,0	417,7	62,4	35
<b>cities</b>						
Kyiv	0,8	2785,1	2785,1	×	100,0	3333
Sevastopol <sup>2</sup>	0,9	380,5	357,2	23,3	93,9	441

<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 are subordinated to the city council

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

**1.5. Administrative and territorial units, by region**

*(as of January 1, 2010)*

	Rayons	Cities and towns		City districts	Townships	Villages
		total	of which have special, republican and oblast status			
<b>Ukraine</b>	<b>490</b>	<b>459</b>	<b>179</b>	<b>118</b>	<b>885</b>	<b>28471</b>
Autonomous Republic of Crimea	14	16	11	3	56	949
<b>oblasts</b>						
Vinnitsya	27	18	6	3	29	1466
Volyn	16	11	4	—	22	1054
Dnipropetrovsk	22	20	13	18	46	1435
Donetsk	18	52	28	21	131	1118
Zhytomyr	23	11	5	2	43	1613
Zakarpattia	13	11	5	—	19	579
Zaporizhzhya	20	14	5	7	22	915
Ivano-Frankivsk	14	15	5	—	24	765
Kyiv	25	26	12	—	30	1127
Kirovohrad	21	12	4	2	27	1003
Luhansk	18	37	14	4	109	783
Lviv	20	44	9	6	34	1850
Mykolayiv	19	9	5	4	17	894
Odesa	26	19	7	8	33	1127
Poltava	25	15	5	5	21	1815
Rivne	16	11	4	—	16	1000
Sumy	18	15	7	2	20	1466
Ternopil	17	18	1	—	17	1023
Kharkiv	27	17	7	9	61	1681
Kherson	18	9	3	3	31	658
Khmelnyskiy	20	13	6	—	24	1414
Cherkasy	20	16	6	2	15	824
Chernivtsi	11	11	2	3	8	398
Chernihiv	22	16	3	2	29	1485
<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 are subordinated to the city council

## BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

**1.6. Basic social and economic indicators**

	2000	2002	2003	2004	2005	2006	2007	2008	2009
Gross domestic product (at current prices), mln. UAH	170070	225810	267344	345113	441452	544153	720731	948056	914720
per capita, UAH	3436	4685	5591	7273	9372	11630	15496	20495	19862
Fixed assets (at current prices, end of year), bln. UAH	829	965	1026	1141	1276	1569	2047	3150	3904
Population income, mln. UAH	128736	185073	215672	274241	381404	472061	623289	845641	897669
Consumer price index (Dec. over Dec. of the previous year), percent	125,8	99,4	108,2	112,3	110,3	111,6	116,6	122,3	112,3
Industrial producer price index (Dec. over Dec. of the previous year), percent	120,8	105,7	111,1	124,1	109,5	114,1	123,3	123,0	114,3
Price index for products sold by agricultural enterprises (of the previous year), percent	155,8	87,4	120,6	105,7	108,1	102,4	138,0	110,3	106,4
Consolidated budget, bln. UAH									
Revenue	49,1	61,9	75,3	91,5	134,2	171,8	219,9	297,9	273,0
Expenditure	48,1	60,3	75,8	102,5	142,0	175,5	227,6	312,0	310,2
Deficit	-1,0 <sup>1</sup>	-1,6 <sup>1</sup>	0,5	11,0	7,8	3,7	7,7	14,1	37,2
Financial outcome from usual activity before taxation, bln. UAH	13,9	14,6	19,6	44,6	64,4	76,3	135,9	9,0	-42,4
Industrial products sold, bln. UAH	182,7	229,6	289,1	400,8	468,6	551,7	717,1	917,0 <sup>2</sup>	806,3 <sup>3</sup>
Agricultural production (at comparable prices of 2005), bln. UAH	77,9	86,8	77,3	92,5	92,6	94,9	88,8	104,0	102,1
Crop cultivation	43,6	48,1	41,1	55,6	54,0	54,9	49,7	64,9	61,5
Livestock breeding	34,3	38,7	36,2	36,9	38,6	40,0	39,1	39,1	40,6
Fixed capital investment (at current prices), bln. UAH	23,6	37,2	51,0	75,7	93,1	125,3	188,5	233,1	151,8
Residential buildings put into service, mln.sq.m of total size	5,6	6,1	6,4	7,6	7,8	8,6	10,2	10,5	6,4

## BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Table 1.6 continued

	2000	2002	2003	2004	2005	2006	2007	2008	2009
Freight shipped by all type of carriers <sup>4</sup> , bln.t	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,0	1,6
Passenger departure (transportation) by transport of general use <sup>5</sup> , bln.	7,8	7,7	7,7	8,0	8,2	8,2	8,2	8,3	7,3
Retail trade turnover of enterprises (at current prices), bln. UAH	28,8	39,7	50,0	67,6	94,3	130,0	178,2	246,9	231,0
Services sold <sup>6</sup> , bln. UAH	—	47,0	56,7	74,4	95,8	120,9	157,0	215,8	224,6
Exports of goods and services, bln. USD	18,1	22,0	27,3	38,0	40,4	45,9	58,3	78,7	49,3
Imports of goods and services, bln. USD	15,1	18,2	24,5	31,1	39,1	48,8	65,6	92,0	50,6
Resident population (end of year), mln.	48,7	47,8	47,4	47,1	46,7	46,5	46,2	46,0	45,8
Natural increase, decrease (–) in population, thsd.	–373,0	–364,2	–356,8	–334,0	–355,9	–297,7	–290,2	–243,9	–194,2
Total employed <sup>7</sup> , thsd.	20175,0	20091,2	20163,3	20295,7	20680,0	20730,4	20904,7	20972,3	20191,5
Unemployed (ILO methodology) <sup>7</sup> , thsd.	2655,8	2140,7	2008,0	1906,7	1600,8	1515,0	1417,6	1425,1	1958,8
Unemployment rate, (ILO methodology) <sup>7</sup> , percent	11,6	9,6	9,1	8,6	7,2	6,8	6,4	6,4	8,8
Registered unemployed (end of year), thsd.	1155,2	1034,2	988,9	981,8	881,5	759,5	642,3	844,9	531,6
Registered unemployment rate <sup>7</sup> , percent	4,1	3,7	3,5	3,5	3,1	2,7	2,3	3,0	1,9
Average monthly nominal wages <sup>8</sup> , UAH	230	376	462	590	806	1041	1351	1806	1906

<sup>1</sup> Surplus<sup>2</sup> Data is updated taking into account the changes of the major type of economic activity of enterprises<sup>3</sup> Data is resulted without taking into account changes of the major type of activity of enterprises<sup>4</sup> Since 2002, including commercial cargo transportation by motor vehicles carried out by natural persons-entrepreneurs<sup>5</sup> Including passenger transportation by motor vehicles carried out by natural and legal entities of small business<sup>6</sup> Including VAT<sup>7</sup> See methodology notes to Chapter 17<sup>8</sup> Excluding employees of statistically small enterprises and of natural persons-entrepreneurs

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

**1.7. Indices of basic social and economic indicators**

*(percent of the previous year)*

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Gross domestic product (at prices of the previous year)	87,8	105,9	105,2	109,6	112,1	102,7	107,3	107,9	102,3	84,9
per capita	88,5	106,7	106,3	110,5	113,0	103,5	108,1	108,6	102,9	85,3
Population income	526,3	131,2	117,1	116,5	127,2	139,1	123,8	132,0	135,7	106,2
Financial outcome from usual activity before taxation	365,3 <sup>1</sup>	...	78,1	134,2	226,9	144,4	118,5	178,2	6,6	×
Industrial production <sup>2,3</sup>	88,0	113,2	107,0	115,8	112,5	103,1	106,2	107,6	94,8	78,1
Agricultural production	96,4	109,8	101,2	89,0	119,7	100,1	102,5	93,5	117,1	98,2
Fixed capital investment	71,5	114,4	108,9	131,3	128,0	101,9	119,0	129,8	97,4	58,5
Residential buildings put into service	85,8	90,4	102,3	105,9	117,6	103,3	110,4	118,7	102,5	61,0
Freight shipped by all type of carriers	95,7	99,5	98,6	106,2	104,7	104,3	103,7	106,3	99,1	82,4
Passenger departure (transportation) by transport of general use	77,0	98,3	100,7	100,0	103,7	102,5	100,5	99,7	101,4	87,3
Retail trade turnover of enterprises	86,1	108,1	115,0	120,5	121,9	123,4	126,4	129,5	117,3	79,1
Services sold (at comparable prices)	...	...	107,3	116,1	124,4	116,4	113,5	115,7	112,8	88,9
Exports of goods and services	...	118,8	111,1	124,1	139,0	106,3	113,7	127,2	134,9	62,6
Imports of goods and services	...	116,6	107,4	134,7	126,9	125,8	124,8	134,5	140,3	55,0
Resident population (end of year)	99,2	99,1	99,1	99,2	99,3	99,3	99,4	99,4	99,5	99,6
Total employed	—	101,1	100,6	100,4	100,7	101,9	100,2	100,8	100,3	96,3
Unemployed (ILO methodology)	—	101,6	87,2	93,8	95,0	84,0	94,6	93,6	100,5	137,5
Registered unemployed (end of year)	154,3	98,4	102,6	95,6	99,3	89,8	86,2	84,6	131,5	62,9
Average monthly wages										
Nominal	514,2	129,6	121,0	122,8	127,5	136,7	129,2	129,7	133,7	105,5
Real	110,6	99,1	118,2	115,2	123,8	120,3	118,3	112,5	106,3	90,8

<sup>2</sup> Balance sheet surplus

<sup>3</sup> For 1995, data are based on the *General Classification of National Economy Industries*; since 2000, data are based on NACE.

<sup>3</sup> See methodology notes to Chapter 7

## 2. NATIONAL ACCOUNTS

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

The State Statistics Committee compiles the national accounts in line with the SNA standard adopted by international organisations in 1993.

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

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

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

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

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

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

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

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

**Output** is the value of goods and services resulting from the production activity of resident units over the reference period.

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

**Gross value added (GVA)** is compiled as the difference between output and intermediate consumption. It includes the primary income generated by producers and distributed among them.

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

**Gross domestic product (GDP)** at the production stage is defined as the difference between output at market prices and intermediate consumption valued at prices of consumers. It is also the total of gross values added by type of economic activity and taxes on products less subsidies on products. Since 2001, the estimates of the GVA have been compiled by type of economic activity.

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

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

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



and subsidies associated with the production) and the gross (net) profit.

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

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

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

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

**Gross (net) operating surplus** is an indicator that characterizes the excess of income over expenditure that enterprises have as a result of the production. For the sector of households, this called mixed income. The net operating surplus is defined by excluding consumption of fixed capital from the gross operating surplus.

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

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

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

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

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

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

# NATIONAL ACCOUNTS

## 2.1. Gross domestic product (GDP)

	At current prices		Volume indices			Deflator indices
	gross domestic product	per capita gross domestic product	gross domestic product	per capita gross domestic product	gross domestic product	gross domestic product
	mln. UAH	UAH	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	720731	15496	107,9	108,6	72,6	122,7
2008	948056	20495	102,3	102,9	74,2	128,6
2009 <sup>3</sup>	914720	19862	84,9	85,3	63,0	113,7

<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		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Agriculture, hunting, forestry	2001	66306	36885	29421	5831	23	23567
	2002	66430	37012	29418	5108	225	24085
	2003	66119	37060	29059	4890	-137	24306
	2004	85668	48410	37258	6044	-689	31903
	2005	94801	54259	40542	6887	-837	34492
	2006	98410	57404	41006	8448	-1740	34298
	2007	113149	65732	47417	11869	-2411	37959
	2008	156072	90924	65148	14330	-2928	53746
	2009 <sup>1</sup>	157185	91668	65517	14279	-510	51748
Mining	2001	23411	14898	8513	5088	-707	4132
	2002	24386	14370	10016	6350	-772	4438
	2003	26484	15630	10854	6972	-681	4563
	2004	31766	19248	12518	9541	-787	3764
	2005	41149	23210	17939	12729	-1456	6666
	2006	46125	24061	22064	15420	-2330	8974
	2007	57563	25868	31695	18370	-3141	16466
	2008	91551	37214	54337	27442	-6604	33499
	2009 <sup>1</sup>	70742	35333	35409	20209	-5779	20979

NATIONAL ACCOUNTS

Table 2.2 continued

	Year	Output	Inter- mediate consump- tion	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Manufacturing	2001	172759	137167	35592	20407	1242	13943
	2002	191301	150915	40386	23461	1581	15344
	2003	235289	185587	49702	30414	1837	17451
	2004	325820	261696	64124	41507	1895	20722
	2005	399039	312176	86863	53891	2422	30550
	2006	456729	347313	109416	62673	2921	43822
	2007	588203	444775	143428	80946	2392	60090
	2008	751615	586880	164735	96439	-1494	69790
	2009 <sup>1</sup>	604354	459411	144943	85438	974	58531
Production and distribution of electricity, gas and water	2001	27905	16673	11232	4186	5	7041
	2002	28227	16802	11425	5252	81	6092
	2003	30360	18090	12270	6073	33	6164
	2004	31961	19538	12423	8623	-249	4049
	2005	36739	21570	15169	9160	-57	6066
	2006	47318	28708	18610	12076	41	6493
	2007	60898	37653	23245	14266	95	8884
	2008	77688	48888	28800	20325	-1658	10133
	2009 <sup>1</sup>	85818	54178	31640	22028	-1129	10741
Construction	2001	18339	11048	7291	4242	193	2856
	2002	19176	11523	7653	4843	106	2704
	2003	25811	15543	10268	6686	167	3415
	2004	37667	23204	14463	8924	202	5337
	2005	45972	29602	16370	12677	212	3481
	2006	64152	42984	21168	14955	348	5865
	2007	94307	63851	30456	21091	460	8905
	2008	117362	88177	29185	23024	639	5522
	2009 <sup>1</sup>	66035	43925	22110	18187	494	3429
Trade; repair of motor vehicles, household appliances and personal demand items	2001	38989	16580	22409	8942	1488	11979
	2002	42628	18035	24593	10627	1060	12906
	2003	54897	23275	31622	10197	1239	20186
	2004	71490	30433	41057	11393	1291	28373
	2005	99662	43621	56041	20882	1547	33612
	2006	122365	53792	68573	24845	2108	41620
	2007	173149	77929	95220	32228	2775	60217
	2008	240111	108850	131261	50121	3271	77869
	2009 <sup>1</sup>	212732	89617	123115	45915	3224	73976

## NATIONAL ACCOUNTS

Table 2.2 continued

	Year	Output	Inter- mediate consump- tion	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Transport and communications	2001	41295	16708	24587	10325	682	13580
	2002	46946	19423	27523	14065	336	13122
	2003	59995	24903	35092	16732	350	18010
	2004	75233	32539	42694	16936	601	25157
	2005	91219	43784	47435	23754	638	23043
	2006	107638	51585	56053	30619	982	24452
	2007	135074	65011	70063	35474	598	33991
	2008	172314	85236	87078	50228	804	36046
	2009 <sup>1</sup>	180985	77458	103527	59365	1256	42906
Education	2001	12437	3533	8904	6402	28	2474
	2002	14666	3847	10819	7996	30	2793
	2003	18640	4859	13781	10935	30	2816
	2004	22086	5834	16252	12855	33	3364
	2005	29388	8506	20882	17498	47	3337
	2006	36161	9918	26243	22702	52	3489
	2007	46083	13178	32905	29355	65	3485
	2008	62186	18666	43520	39740	71	3709
	2009 <sup>1</sup>	68178	20428	47750	43836	74	3840
Health care and provision of social aid	2001	10005	3994	6011	4278	32	1701
	2002	12080	4719	7361	5377	—4	1988
	2003	14958	5821	9137	7093	12	2032
	2004	18470	7518	10952	8426	40	2486
	2005	22855	8890	13965	11419	21	2525
	2006	28305	10583	17722	14829	6	2887
	2007	35947	13405	22542	19342	75	3125
	2008	45902	16693	29209	26207	87	2915
	2009 <sup>1</sup>	50748	19164	31584	28309	111	3164
Other economic activities	2001	49074	19738	29336	16739	578	12019
	2002	58168	23020	35148	20038	380	14730
	2003	71151	28439	42712	22196	270	20246
	2004	109827	43247	66580	33201	759	32620
	2005	134806	54009	80797	47703	689	32405
	2006	174976	68699	106277	62064	1068	43145
	2007	260682	100761	159921	88995	996	69930
	2008	357371	129930	227441	122608	714	104119
	2009 <sup>1</sup>	375014	132757	242257	128715	—19	113561

NATIONAL ACCOUNTS

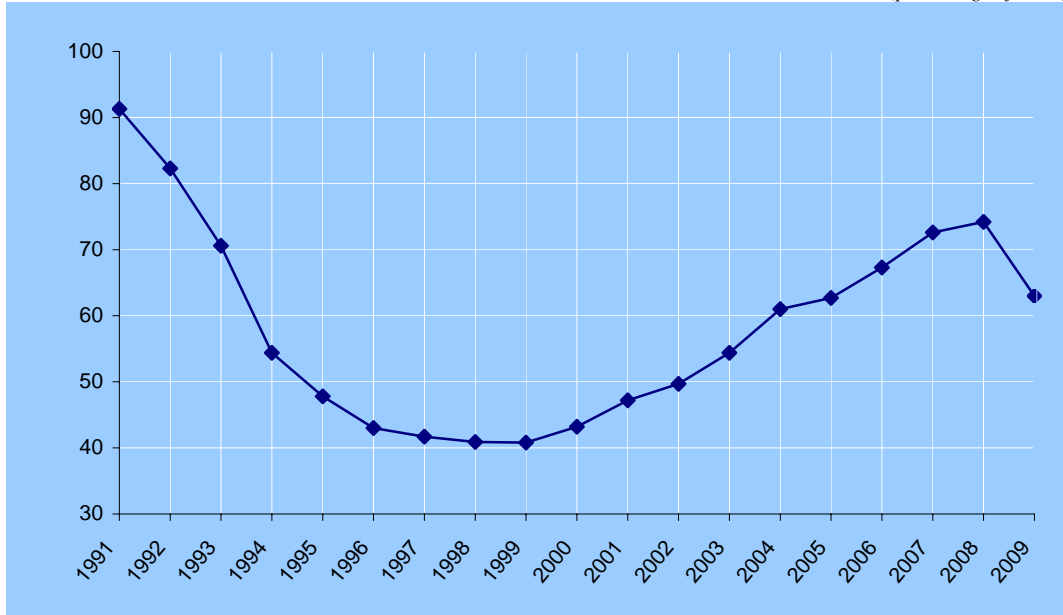
Table 2.2 continued

	Year	Output	Inter-mediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Adjustment for financial intermediation	2001	×	2806	−2806	×	×	−2806
	2002	×	3148	−3148	×	×	−3148
	2003	×	4280	−4280	×	×	−4280
	2004	×	5275	−5275	×	×	−5275
	2005	×	7402	−7402	×	×	−7402
	2006	×	13009	−13009	×	×	−13009
	2007	×	22098	−22098	×	×	−22098
	2008	×	36538	−36538	×	×	−36538
	2009 <sup>1</sup>	×	50849	−50849	×	×	−50849
Total (at basic prices)	2001	460520	280030	180490	86440	3564	90486
	2002	504008	302814	201194	103117	3023	95054
	2003	603704	363487	240217	122188	3120	114909
	2004	809988	496942	313046	157450	3096	152500
	2005	995630	607029	388601	216600	3226	168775
	2006	1182179	708056	474123	268631	3456	202036
	2007	1565055	930261	634794	351936	1904	280954
	2008	2072172	1247996	824176	470464	−7098	360810
	2009 <sup>1</sup>	1871791	1074788	797003	466281	−1304	332026
Taxes less subsidies on products	2001	23700	×	23700	×	23700	×
	2002	24616	×	24616	×	24616	×
	2003	27127	×	27127	×	27127	×
	2004	32067	×	32067	×	32067	×
	2005	52851	×	52851	×	52851	×
	2006	70030	×	70030	×	70030	×
	2007	85937	×	85937	×	85937	×
	2008	123880	×	123880	×	123880	×
	2009 <sup>1</sup>	117717	×	117717	×	117717	×
Gross domestic product (at market prices)	2001	484220	280030	204190	86440	27264	90486
	2002	528624	302814	225810	103117	27639	95054
	2003	630831	363487	267344	122188	30247	114909
	2004	842055	496942	345113	157450	35163	152500
	2005	1048481	607029	441452	216600	56077	168775
	2006	1252209	708056	544153	268631	73486	202036
	2007	1650992	930261	720731	351936	87841	280954
	2008	2196052	1247996	948056	470464	116782	360810
	2009 <sup>1</sup>	1989508	1074788	914720	466281	116413	332026

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

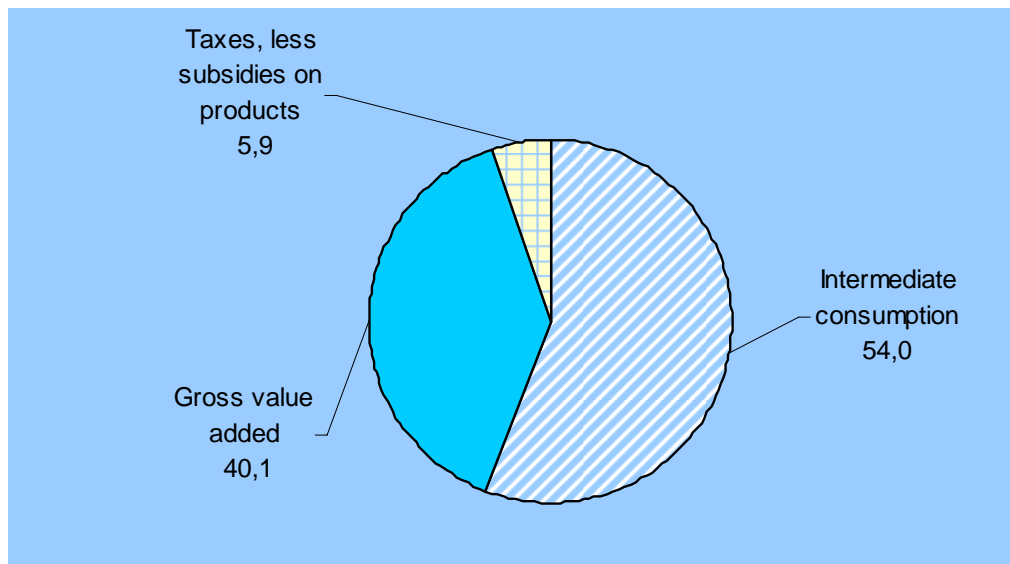
### 2.3. GDP, volume indices

(percentage of 1990)



### 2.4. Output structure at market prices in 2009

(percentage of output)



NATIONAL ACCOUNTS

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

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009 <sup>1</sup>
	bln. KRB	mln. UAH								

At current prices

**Gross domestic product**      **5451642 170070 225810 267344 345113 441452 544153 720731 948056 914720**

Final consumption expenditure      4165054 127982 170325 201624 245556 337879 424906 558581 758902 774075

    households      2709374 92406 124560 146301 180399 252624 319383 423174 582482 590196

    non-profit institutions serving households      296135 3909 4226 4493 4547 4727 5173 6445 7257 8502

    general government      1159545 31667 41539 50830 60610 80528 100350 128962 169163 175377

    individual consumption expenditure      713839 19572 24803 29936 36767 49418 61125 79914 105879 113981

    collective consumption expenditure      445706 12095<sup>2</sup> 16736 20894 23843 31110 39225 49048 63284 61396

Gross fixed capital formation      1269154 33427 43289 55075 77820 96965 133874 198348 250158 164522

Changes in inventories      178734 -42 2209 3661 -4883 2736 655 4685 14379 -8491

Acquisition, less disposal of valuables      6785 146 96 115 133 175 211 285 346 449

Exports of goods and services      2566265 106200 124392 154394 219607 227252 253707 323205 444859 423565

Imports of goods and services      -2734350 -97643 -114501 -147525 -193120 -223555 -269200 -364373 -520588 -439400

NATIONAL ACCOUNTS

Table 2.5 continued

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009 <sup>1</sup>
	bln. KRB	mln. UAH								
	Percent of total									
<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>	<b>100,0</b>
Final consumption expenditure	76,4	75,2	75,4	75,4	71,2	76,5	78,1	77,5	80,1	84,6
households	49,7	54,3	55,1	54,7	52,3	57,2	58,7	58,7	61,4	64,5
non-profit institutions										
serving households	5,4	2,3	1,9	1,7	1,3	1,1	1,0	0,9	0,8	0,9
general government	21,3	18,6	18,4	19,0	17,6	18,2	18,4	17,9	17,9	19,2
individual consumption expenditure	13,1	11,5	11,0	11,2	10,7	11,2	11,2	11,1	11,2	12,5
collective consumption expenditure	8,2	7,1 <sup>2</sup>	7,4	7,8	6,9	7,0	7,2	6,8	6,7	6,7
Gross fixed capital formation	23,3	19,7	19,2	20,6	22,6	22,0	24,6	27,5	26,4	18,0
Changes in inventories	3,3	0,0	1,0	1,4	−1,4	0,6	0,1	0,7	1,5	−0,9
Acquisition, less disposal of valuables	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Exports of goods and services	47,1	62,4	55,1	57,8	63,6	51,5	46,6	44,8	46,9	46,3
Imports of goods and services	−50,2	−57,4	−50,7	−55,2	−56,0	−50,6	−49,4	−50,5	−54,9	−48,0

<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	2002	2003	2004	2005	2006	2007	2008	2009 <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>	<b>100,0</b>
Labour remuneration of employees	43,5	42,3	45,7	45,7	45,6	49,1	49,4	48,8	49,6	51,0
Taxes less subsidies on production and imports	19,1	16,8	12,2	11,3	10,2	12,7	13,5	12,2	12,3	12,7
on products	10,6	15,2	10,9	10,1	9,3	12,0	12,9	11,9	13,0	12,9
other, related to production	8,5	1,6	1,3	1,2	0,9	0,7	0,6	0,3	-0,7	-0,2
Gross operating surplus, mixed income	37,4	40,9	42,1	43,0	44,2	38,2	37,1	39,0	38,1	36,3

<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	2002	2003	2004	2005	2006	2007	2008
	bln. KRB	mln. UAH							
Resources									
Output (at basic prices)	12531131	373893	504008	603704	809988	995630	1182179	1565055	2072172
Imports of goods and services	2734350	97643	114501	147525	193120	223555	269200	364373	520588
Taxes on products	860809	27338	25484	28205	33122	54183	71618	88212	126425
Subsidies on products	-283460	-1530	-868	-1078	-1055	-1332	-1588	-2275	-2545
Total	15842830	497344	643125	778356	1035175	1272036	1521409	2015365	2716640
Uses									
Intermediate consumption	7656838	229631	302814	363487	496942	607029	708056	930261	1247996
Final consumption expenditure	4165054	127982	170325	201624	245556	337879	424906	558581	758902
individual	3719348	115887	153589	180730	221713	306769	385681	509533	695618
collective	445706	12095 <sup>1</sup>	16736	20894	23843	31110	39225	49048	63284
Gross fixed capital formation	1269154	33427	43289	55075	77820	96965	133874	198348	250158
Changes in inventories	178734	-42	2209	3661	-4883	2736	655	4685	14379
Acquisition, less disposal of valuables	6785	146	96	115	133	175	211	285	346
Exports of goods and services	2566265	106200	124392	154394	219607	227252	253707	323205	444859
Total	15842830	497344	643125	778356	1035175	1272036	1521409	2015365	2716640

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

### PRODUCTION ACCOUNT

(at current prices)

	1995	2000	2002	2003	2004	2005	2006	2007	2008
	bln. KRB	mln. UAH							
Resources									
Output (at basic prices)	12531131	373893	504008	603704	809988	995630	1182179	1565055	2072172
Taxes, less subsidies on products	577349	25808	24616	27127	32067	52851	70030	85937	123880
Total	13108480	399701	528624	630831	842055	1048481	1252209	1650992	2196052
Uses									
Intermediate consumption	7656838	229631	302814	363487	496942	607029	708056	930261	1247996
Gross domestic product (at market prices)	5451642	170070	225810	267344	345113	441452	544153	720731	948056
Total	13108480	399701	528624	630831	842055	1048481	1252209	1650992	2196052
Fixed capital consumption	-995543	-30223	-36160	-38885	-46576	-50545	-58265	-73071	-87914
Net domestic product	4456099	139847	189650	228459	298537	390907	485888	647660	860142

NATIONAL ACCOUNTS

**INCOME DISTRIBUTION AND USE ACCOUNTS**

**PRIMARY DISTRIBUTION OF INCOME ACCOUNTS**

**Generation of income account**

*(at current prices)*

	1995	2000	2002	2003	2004	2005	2006	2007	2008
	bln. KRB	mln. UAH							
Resources									
Gross domestic product (at market prices)	5451642	170070	225810	267344	345113	441452	544153	720731	948056
<b>Total</b>	<b>5451642</b>	<b>170070</b>	<b>225810</b>	<b>267344</b>	<b>345113</b>	<b>441452</b>	<b>544153</b>	<b>720731</b>	<b>948056</b>
Uses									
Labour remuneration of employees	2371770	71930	103117	122188	157450	216600	268631	351936	470464
Taxes on production and imports	1332805	31707	30764	34277	40018	62777	82377	101230	142599
Subsidies on production and imports	-293064	-3184	-3125	-4030	-4855	-6700	-8891	-13389	-25817
Gross operating surplus, mixed income	2040131	69617	95054	114909	152500	168775	202036	280954	360810
<b>Total</b>	<b>5451642</b>	<b>170070</b>	<b>225810</b>	<b>267344</b>	<b>345113</b>	<b>441452</b>	<b>544153</b>	<b>720731</b>	<b>948056</b>
Net operating surplus, mixed income	1044588	39394	58894	76024	105924	118230	143771	207883	272896

**Allocation of primary income account**

*(at current prices)*

	1995	2000	2002	2003	2004	2005	2006	2007	2008
	bln, KRB	mln. UAH							
Resources									
Gross operating surplus, mixed income	2040131	69617	95054	114909	152500	168775	202036	280954	360810
Labour remuneration of employees	2373027	72099	103490	122940	158578	218384	271313	363041	489447
Taxes on production and imports	1332805	31707	30767	34279	40020	62780	82379	101233	142602
on products	860809	27338	25484	28205	33122	54183	71618	88212	126425
other, related to production	471996	4369	5283	6074	6898	8597	10761	13021	16177
Subsidies on production and imports	-293064	-3184	-3125	-4030	-4855	-6700	-8891	-13389	-25817
on products	-283460	-1530	-868	-1078	-1055	-1332	-1588	-2275	-2545
other, related to production	-9604	-1654	-2257	-2952	-3800	-5368	-7303	-11114	-23272
Income from ownership received from other countries	804	598	474	581	910	2035	4000	7302	9318
<b>Total</b>	<b>5453703</b>	<b>170837</b>	<b>226660</b>	<b>268679</b>	<b>347153</b>	<b>445274</b>	<b>550837</b>	<b>739141</b>	<b>976360</b>
Uses									
Income from ownership paid to other countries	89774	5895	4075	4432	5467	8863	15378	21735	37004
Gross national income	5363929	164942	222585	264247	341686	436411	535459	717406	939356
<b>Total</b>	<b>5453703</b>	<b>170837</b>	<b>226660</b>	<b>268679</b>	<b>347153</b>	<b>445274</b>	<b>550837</b>	<b>739141</b>	<b>976360</b>
Net national income	4368386	134719	186425	225362	295110	385866	477194	644335	851442

NATIONAL ACCOUNTS

**SECONDARY DISTRIBUTION OF INCOME ACCOUNT**

*(at current prices)*

	1995	2000	2002	2003	2004	2005	2006	2007	2009
	bln. KRB	mln. UAH							
Resources									
Gross national income	5363929	164942	222585	264247	341686	436411	535459	717406	939356
Current taxes on income, property, etc., received from other countries	2045	45	2	...	...	281	444	633	1221
Other current transfers received from other countries	78145	6099	10669	12299	14481	15907	17801	20829	21240
Total	5444119	171086	233256	276546	356167	452599	553704	738868	961817
Uses									
Social aid, except aid in kind paid to other countries	...	106	2	2	3	4	6	8	13
Other current transfers paid to other countries	12719	1102	297	590	800	1354	1812	3062	5429
Gross disposable income	5431400	169878	232957	275954	355364	451241	551886	735798	956375
Total	5444119	171086	233256	276546	356167	452599	553704	738868	961817
Net disposable income	4435857	139655	196797	237069	308788	400696	493621	662727	868461

**USE OF INCOME ACCOUNTS**

**Use of disposable income account**

*(at current prices)*

	1995	2000	2002	2003	2004	2005	2006	2007	2009
	bln. KRB	mln. UAH							
Resources									
Gross disposable income	5431400	169878	232957	275954	355364	451241	551886	735798	956375
<b>Total</b>	<b>5431400</b>	<b>169878</b>	<b>232957</b>	<b>275954</b>	<b>355364</b>	<b>451241</b>	<b>551886</b>	<b>735798</b>	<b>956375</b>
Uses									
Final consumption expenditure	4165054	127982	170325	201624	245556	337879	424906	558581	758902
individual	3719348	115887	153589	180730	221713	306769	385681	509533	695618
collective	445706	12095 <sup>1</sup>	16736	20894	23843	31110	39225	49048	63284
Gross savings	1266346	41896	62632	74330	109808	113362	126980	177217	197473
<b>Total</b>	<b>5431400</b>	<b>169878</b>	<b>232957</b>	<b>275954</b>	<b>355364</b>	<b>451241</b>	<b>551886</b>	<b>735798</b>	<b>956375</b>
Net savings	270803	11673	26472	35445	63232	62817	68715	104146	109559

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

NATIONAL ACCOUNTS

**ACCUMULATION ACCOUNTS**

**CAPITAL ACCOUNT**

(at current prices)

	1995	2000	2002	2003	2004	2005	2006	2007	2008
	bln. KRB	mln. UAH							
Changes in liabilities and net wealth									
Net savings	270803	11673	26472	35445	63232	62817	68715	104146	109559
Capital transfers received from other countries	724	...	112	59	101	71	101	136	115
Capital transfers paid to other countries	...	...	...	-1	...	-112	-96	-121	-121
<b>Total</b> (changes in net wealth on account of savings and capital transfers)	<b>271527</b>	<b>11673</b>	<b>26584</b>	<b>35503</b>	<b>63333</b>	<b>62776</b>	<b>68720</b>	<b>104161</b>	<b>109553</b>
Changes in assets									
Gross fixed capital formation	1269154	33427	43289	55075	77820	96965	133874	198348	250158
Fixed capital consumption	-995543	-30223	-36160	-38885	-46576	-50545	-58265	-73071	-87914
Changes in inventories	178734	-42	2209	3661	-4883	2736	655	4685	14379
Acquisition, less disposal of valuables	6785	146	96	115	133	175	211	285	346
Acquisition, less disposal of non-produced non-financial assets	...	...	-27	16	10	289	-10	...	-32
Net lending (+), net borrowing (-)	-187603	8365	17177	15521	36829	13156	-7745	-26086	-67384
<b>Total</b>	<b>271527</b>	<b>11673</b>	<b>26584</b>	<b>35503</b>	<b>63333</b>	<b>62776</b>	<b>68720</b>	<b>104161</b>	<b>109553</b>

**FINANCIAL ACCOUNT**

(at current prices; mln. UAH)

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

NATIONAL ACCOUNTS

**2.8. National accounts by institutional sector of the economy, 2008**

**PRODUCTION ACCOUNT**

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
<b>Resources</b>							
Output (at basic prices)	1555141	91481	179921	238372	7257	0	2072172
<b>Total</b>	<b>1555141</b>	<b>91481</b>	<b>179921</b>	<b>238372</b>	<b>7257</b>	<b>0</b>	<b>2072172</b>
<b>Uses</b>							
Intermediate consumption	1032278	23372	55099	97598	3111	36538	1247996
Gross value added	522863	68109	124822	140774	4146	-36538	824176
<b>Total</b>	<b>1555141</b>	<b>91481</b>	<b>179921</b>	<b>238372</b>	<b>7257</b>	<b>0</b>	<b>2072172</b>
Fixed capital consumption	-71861	-3411	-10040	-1456	-1146		-87914
Net value added	451002	64698	114782	139318	3000	-36538	736262

**INCOME DISTRIBUTION AND USE ACCOUNTS**

**PRIMARY DISTRIBUTION OF INCOME ACCOUNTS**

**Generation of income account**

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
<b>Resources</b>							
Gross value added	522863	68109	124822	140774	4146	-36538	824176
<b>Total</b>	<b>522863</b>	<b>68109</b>	<b>124822</b>	<b>140774</b>	<b>4146</b>	<b>-36538</b>	<b>824176</b>
<b>Uses</b>							
Labour remuneration of employees	320801	25832	114653	6433	2745		470464
Other taxes related to production	12960	901	129	1929	255		16174
Other subsidies related to production	-23089	—	—	-183	—		-23272
Gross operating surplus, mixed income	212191	41376	10040	132595	1146	-36538	360810
<b>Total</b>	<b>522863</b>	<b>68109</b>	<b>124822</b>	<b>140774</b>	<b>4146</b>	<b>-36538</b>	<b>824176</b>
Net operating surplus, mixed income	140330	37965	0	131139	0	-36538	272896

NATIONAL ACCOUNTS

**Distribution of primary income account**

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
<b>Resources</b>							
Gross operating surplus, mixed income	212191	41376	10040	132595	1146	–36538	360810
Labour remuneration of employees				489447			489447
Taxes on production and imports			142602				142602
on products			126425				126425
other, related to production			16177				16177
Subsidies on production and imports			–25817				–25817
on products			–2545				–2545
other, related to production			–23272				–23272
Income from ownership	5980	101818	20325	28432	22		156577
Adjustment for financial intermediation		–36538				36538	0
<b>Total</b>	<b>218171</b>	<b>106656</b>	<b>147150</b>	<b>650474</b>	<b>1168</b>	<b>0</b>	<b>1123619</b>
<b>Uses</b>							
Income from ownership	89547	59835	4463	30406	12		184263
Gross balance of primary income	128624	46821	142687	620068	1156	0	939356
<b>Total</b>	<b>218171</b>	<b>106656</b>	<b>147150</b>	<b>650474</b>	<b>1168</b>	<b>0</b>	<b>1123619</b>
Net balance of primary income	56763	43410	132647	618612	10	0	851442

NATIONAL ACCOUNTS

SECONDARY DISTRIBUTION OF INCOME ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
<b>Resources</b>							
Gross balance of primary income	128624	46821	142687	620068	1156	0	939356
Current taxes on income, property, etc.			92991				92991
Social insurance contributions	7689	339	130053		91		138172
Social aid, except aid in kind				180455			180455
Other current transfers	2779	8393	39964	26092	6676		83904
<b>Total</b>	<b>139092</b>	<b>55553</b>	<b>405695</b>	<b>826615</b>	<b>7923</b>	<b>0</b>	<b>1434878</b>
<b>Uses</b>							
Current taxes on income, property, etc.	40821	4023	—	46926			91770
Social insurance contributions	3081		44	135047			138172
Social aid, except aid in kind	7689	339	172349		91		180468
Other current transfers	9515	7999	41886	8693	...		68093
Gross disposable income	77986	43192	191416	635949	7832	0	956375
<b>Total</b>	<b>139092</b>	<b>55553</b>	<b>405695</b>	<b>826615</b>	<b>7923</b>	<b>0</b>	<b>1434878</b>
Net disposable income	6125	39781	181376	634493	6686	0	868461

REDISTRIBUTION OF INCOME IN KIND ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
<b>Resources</b>							
Gross disposable income	77986	43192	191416	635949	7832	0	956375
Social transfers in kind				113136			113136
<b>Total</b>	<b>77986</b>	<b>43192</b>	<b>191416</b>	<b>749085</b>	<b>7832</b>	<b>0</b>	<b>1069511</b>
<b>Uses</b>							
Social transfers in kind			105879		7257		113136
Gross adjusted disposable income	77986	43192	85537	749085	575	0	956375
<b>Total</b>	<b>77986</b>	<b>43192</b>	<b>191416</b>	<b>749085</b>	<b>7832</b>	<b>0</b>	<b>1069511</b>
Net adjusted disposable income	6125	39781	75497	747629	-571	0	868461

NATIONAL ACCOUNTS

**USE OF INCOME ACCOUNTS**

**Use of disposable income account**

*(at current prices; mln. UAH)*

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
<b>Resources</b>							
Gross disposable income	77986	43192	191416	635949	7832	0	956375
<b>Total</b>	<b>77986</b>	<b>43192</b>	<b>191416</b>	<b>635949</b>	<b>7832</b>	<b>0</b>	<b>956375</b>
<b>Uses</b>							
Final consumption expenditure			169163	582482	7257		758902
individual			105879	582482	7257		695618
collective			63284				63284
Gross savings	77986	43192	22253	53467	575	0	197473
<b>Total</b>	<b>77986</b>	<b>43192</b>	<b>191416</b>	<b>635949</b>	<b>7832</b>	<b>0</b>	<b>956375</b>
Net savings	6125	39781	12213	52011	-571	0	109559

**Use of adjusted disposable income account**

*(at current prices; mln. UAH)*

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
<b>Resources</b>							
Gross adjusted disposable income	77986	43192	85537	749085	575	0	956375
<b>Total</b>	<b>77986</b>	<b>43192</b>	<b>85537</b>	<b>749085</b>	<b>575</b>	<b>0</b>	<b>956375</b>
<b>Uses</b>							
Actual final consumption			63284	695618			758902
individual				695618			695618
collective			63284				63284
Gross savings	77986	43192	22253	53467	575	0	197473
<b>Total</b>	<b>77986</b>	<b>43192</b>	<b>85537</b>	<b>749085</b>	<b>575</b>	<b>0</b>	<b>956375</b>
Net savings	6125	39781	12213	52011	-571	0	109559



NATIONAL ACCOUNTS

**ACCUMULATION ACCOUNTS**

**CAPITAL ACCOUNT**

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
<b>Changes in liabilities and net wealth</b>							
Net savings	6125	39781	12213	52011	-571	0	109559
Capital transfers received	10511	—	894	1337	538		13280
Capital transfers paid	-1428	—	-11753	-105	—		-13286
<b>Total</b> (changes in net wealth on account of savings and capital transfers)	<b>15208</b>	<b>39781</b>	<b>1354</b>	<b>53243</b>	<b>-33</b>	<b>0</b>	<b>109553</b>
<b>Changes in assets</b>							
Gross fixed capital formation	184659	6312	27503	30883	801		250158
Fixed capital consumption	-71861	-3411	-10040	-1456	-1146		-87914
Changes in inventories	12070	841	529	962	-23		14379
Acquisitions less disposals of valuables	—	2	-14	358	—		346
Acquisitions less disposals of non-produced non-financial assets	-75	43	...	...	...		-32
Net lending (+), net borrowing (-)	-109585	35994	-16624	22496	335	0	-67384
<b>Total</b>	<b>15208</b>	<b>39781</b>	<b>1354</b>	<b>53243</b>	<b>-33</b>	<b>0</b>	<b>109553</b>

**FINANCIAL ACCOUNT**

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
<b>Changes in liabilities and net wealth</b>							
Net lending (+), net borrowing (-)	-109585	35994	-16624	22496	335	0	-67384
Statistical discrepancy	4071	-4492	-4237	0	57		-4601
<b>Net incurrence of liabilities</b>	<b>726806</b>	<b>422419</b>	<b>34252</b>	<b>117824</b>	<b>-3</b>		<b>1301298</b>
Cash and deposits		130469					130469
Securities excluding equities	29800	6	22017				51823
Lending and loans	223219	121651	4798	116629	-3		466294
Equities and other evidence of ownership	75707	152361					228068
Insurance and technical reserves		815					815
Other accounts payable	398080	17117	7437	1195			423829
<b>Changes in assets</b>							
<b>Net acquisition of financial assets</b>	<b>613150</b>	<b>462905</b>	<b>21865</b>	<b>140320</b>	<b>275</b>		<b>1238515</b>
Monetary gold and special drawing rights		120					120
Cash and deposits	68493	3682	-4011	118262	275		186701
Securities excluding equities	41005	29945	15	199	...		71164
Lending and loans	—	364548	8256				372804
Equities and other evidence of ownership	120051	33034	17470	5312	—		175867
Insurance and technical reserves				815			815
Other accounts receivable	383601	31576	135	15732	—		431044

NATIONAL ACCOUNTS

2.9. Input-output

	Intermediate consumption									
	agricul- ture, hunting, forestry. Fishing	mining	manu- facturing	produc- tion and distribu- tion of electricity, gas and water	const- ruction	trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	tran- sport and commu- nications	other activi- ties	adjust- ment for finan- cial interme- diation	total consumed
Agriculture, hunting, forestry. Fishing	47761	544	36603	58	231	1350	66	4394		<b>91007</b>
Mining	1192	5782	132621	24639	4734	314	11227	2965		<b>183474</b>
Manufacturing	34144	15532	340754	10870	66374	24153	35753	44457		<b>572037</b>
Production and distribution of electricity, gas and water	2141	7315	25700	6801	1584	2331	6708	13317		<b>65897</b>
Construction	86	335	995	411	2066	368	456	4467		<b>9184</b>
Trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	21309	6480	192353	460	1887	13908	3578	6402		<b>246377</b>
Transport and communications	7301	12403	52841	1634	5283	20505	17602	12176		<b>129745</b>
Other activities	2456	2859	27736	4015	6018	56783	9846	65725	36538	<b>211976</b>
<b>Intermediate consumption</b>	<b>116390</b>	<b>51250</b>	<b>809603</b>	<b>48888</b>	<b>88177</b>	<b>119712</b>	<b>85236</b>	<b>153903</b>	<b>36538</b>	<b>1509697</b>
Labour remuneration of employees	14507	27442	96439	20325	23024	54284	50228	184215		<b>470464</b>
Taxes on production and imports	2644	8815	86121	8310	9005	6539	10321	10844		<b>142599</b>
Subsidies on production and imports	-3184	-7684	-6975	-3209	-117		-981	-3667		<b>-25817</b>
Gross operating surplus, mixed income	53781	33499	69790	10133	5522	83233	36046	105344	-36538	<b>360810</b>
<b>Gross domestic product</b>	<b>67748</b>	<b>62072</b>	<b>245375</b>	<b>35559</b>	<b>37434</b>	<b>144056</b>	<b>95614</b>	<b>296736</b>	<b>-36538</b>	<b>948056</b>
<b>Output</b>	<b>184138</b>	<b>113322</b>	<b>1054978</b>	<b>84447</b>	<b>125611</b>	<b>263768</b>	<b>180850</b>	<b>450639</b>		<b>2457753</b>

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

NATIONAL ACCOUNTS

at consumer prices in 2008<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			
69174		1433	635	2785		30175	-11071	<b>184138</b>
9360		1100		-1978		18018	-96652	<b>113322</b>
370306		1890	122248	11707	338	316259	-339807	<b>1054978</b>
13943		2335				2758	-486	<b>84447</b>
2042			111696	1888		1172	-371	<b>125611</b>
14630		284				10390	-7913	<b>263768</b>
37606		5254				48605	-40360	<b>180850</b>
65421	7257	156867	15579	-23	8	17482	-23928	<b>450639</b>
<b>582482</b>	<b>7257</b>	<b>169163</b>	<b>250158</b>	<b>14379</b>	<b>346</b>	<b>444859</b>	<b>-520588</b>	<b>2457753</b>

NATIONAL ACCOUNTS

**2.10. Gross regional product**

*(at current prices; mln. UAH)*

	1996	2000	2002	2003	2004	2005	2006	2007	2008
<b>Ukraine<sup>1</sup></b>	<b>69287</b>	<b>137993</b>	<b>204342</b>	<b>244497</b>	<b>345113</b>	<b>441452</b>	<b>544153</b>	<b>720731</b>	<b>948056</b>
Autonomous Republic of Crimea	2161	4085	6033	7309	9901	12848	16044	20874	27365
<b>oblasts</b>									
Vinnitsya	2140	3802	5319	6167	8123	10207	12414	15381	20094
Volyn	1012	2195	3112	3512	4994	6553	7687	10072	12784
Dnipropetrovsk	6536	13163	18059	21311	30040	41227	52347	71173	104687
Donetsk	8499	17278	25285	30316	45617	58044	72361	92093	117646
Zhytomyr	1768	2835	3549	4201	5947	7430	8784	11127	15008
Zakarpattia	932	2151	3211	4016	5297	6700	8185	10508	13208
Zaporizhzhya	3767	7568	8629	10177	15255	19968	24787	33158	42445
Ivano-Frankivsk	1483	3117	4518	5544	7311	9622	11316	13916	17883
Kyiv	3015	5926	6868	8129	11883	15362	19188	26221	35687
Kirovohrad	1302	2159	3399	4023	5594	6877	8187	9989	13961
Luhansk	3464	6403	8570	9954	14672	19716	24159	32280	42985
Lviv	3016	5850	8578	10547	13992	17192	21486	27987	35534
Mykolayiv	1737	3314	4702	5337	7934	9553	11876	14767	19410
Odesa	3533	7072	10788	12792	17029	20762	24898	33116	46994
Poltava	2974	5712	7811	8853	13983	18099	22179	28355	34118
Rivne	1397	2513	3467	4053	5599	7263	8924	11180	14074
Sumy	1897	3495	4384	4822	6275	8025	9566	12341	16210
Ternopil	1091	1853	2631	3098	3948	5137	6452	8276	10618
Kharkiv	4331	8271	11801	14515	20524	25618	32023	43868	59389
Kherson	1321	2348	3265	3799	5200	6469	7565	9034	13174
Khmelnyskiy	1854	2949	3944	4698	6344	7958	9603	12339	16061
Cherkasy	2033	3179	3852	4565	6623	9014	10957	13656	19101
Chernivtsi	841	1313	2135	2539	3277	4234	5126	6672	8833
Chernihiv	1739	3073	3836	4576	6181	7627	8950	11532	14918
<b>cities</b>									
Kyiv	5103	15715	35200	43920	61357	77124	95267	135900	169564
Sevastopol	341	654	1396	1724	2213	2823	3822	4916	6305

<sup>1</sup> In 1996, 2000 the total Gross value added (GVA) is shown by region; in 2002–2003, 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	2002	2003	2004	2005	2006	2007	2008
<b>Ukraine</b>	<b>1356</b>	<b>2788</b>	<b>4239</b>	<b>5114</b>	<b>7273</b>	<b>9372</b>	<b>11630</b>	<b>15496</b>	<b>20495</b>
Autonomous Republic of Crimea	986	1937	2979	3633	4951	6460	8101	10574	13898
<b>oblasts</b>									
Vinnitsya	1145	2104	3019	3534	4700	5966	7328	9159	12061
Volyn	942	2077	2943	3339	4771	6285	7397	9711	12340
Dnipropetrovsk	1706	3562	5090	6058	8609	11909	15239	20868	30918
Donetsk	1646	3509	5263	6385	9713	12490	15725	20197	26028
Zhytomyr	1199	1987	2570	3074	4397	5554	6636	8485	11545
Zakarpattia	723	1677	2557	3207	4238	5373	6576	8452	10626
Zaporizhzhya	1821	3795	4498	5353	8093	10683	13369	18022	23232
Ivano-Frankivsk	1012	2142	3213	3958	5238	6916	8157	10055	12940
Kyiv	1597	3255	3780	4513	6652	8673	10918	15033	20593
Kirovohrad	1069	1860	3025	3632	5122	6394	7723	9546	13515
Luhansk	1253	2439	3394	3997	5973	8131	10085	13628	18338
Lviv	1095	2159	3277	4049	5396	6657	8351	10915	13902
Mykolayiv	1299	2563	3739	4284	6424	7801	9769	12227	16175
Odesa	1371	2828	4391	5245	7028	8619	10379	13827	19638
Poltava	1718	3423	4825	5533	8841	11574	14330	18500	22476
Rivne	1171	2118	2963	3475	4817	6269	7724	9695	12217
Sumy	1364	2631	3401	3795	5009	6497	7848	10249	13622
Ternopil	930	1605	2313	2741	3516	4603	5819	7510	9688
Kharkiv	1410	2799	4070	5045	7182	9025	11353	15645	21294
Kherson	1048	1925	2797	3287	4546	5713	6744	8122	11944
Khmelnyskiy	1233	2028	2773	3337	4549	5764	7023	9100	11932
Cherkasy	1357	2203	2764	3309	4853	6681	8209	10331	14581
Chernivtsi	893	1411	2321	2771	3589	4654	5650	7369	9771
Chernihiv	1296	2407	3108	3764	5163	6474	7714	10081	13213
<b>cities</b>									
Kyiv	1937	5965	13456	16697	23130	28780	35210	49795	61592
Sevastopol	843	1682	3684	4557	5847	7452	10079	12961	16592

NATIONAL ACCOUNTS

**2.12. Volume indices of gross regional product**

*(at the prices of the previous year; percent)*

	1996	2000	2002	2003	2004	2005	2006	2007	2008	2009 <sup>1</sup>
<b>Ukraine</b>	<b>90,4</b>	<b>104,1</b>	<b>105,8</b>	<b>110,7</b>	<b>112,1</b>	<b>102,7</b>	<b>107,3</b>	<b>107,9</b>	<b>102,3</b>	<b>84,9</b>
Autonomous Republic of Crimea	89,7	100,4	103,2	112,0	108,5	104,0	106,7	109,0	106,6	89,4
<b>oblasts</b>										
Vinnitsya	86,5	104,2	102,6	103,5	111,9	105,3	106,2	103,4	105,1	88,1
Volyn	94,7	110,5	104,2	102,6	119,0	103,7	103,5	112,1	106,1	82,4
Dnipropetrovsk	90,6	105,8	103,3	108,4	111,0	107,3	108,0	105,3	97,3	83,5
Donetsk	93,0	105,2	102,8	112,5	110,8	97,1	108,3	104,6	97,1	80,7
Zhytomyr	87,2	105,9	107,5	109,4	115,6	101,1	103,6	105,1	104,2	87,7
Zakarpattia	91,2	107,8	109,0	118,7	106,4	98,5	106,6	108,2	103,9	81,6
Zaporizhzhya	96,3	104,8	102,2	111,4	115,6	104,6	106,1	108,5	101,3	76,3
Ivano-Frankivsk	84,2	105,2	110,9	114,4	107,6	105,9	102,5	100,8	97,5	87,4
Kyiv	92,4	105,8	106,2	109,4	109,8	107,3	108,8	105,9	104,4	88,1
Kirovohrad	81,8	110,5	104,6	101,9	118,9	102,4	105,1	97,9	113,7	86,7
Luhansk	87,2	105,3	106,1	109,2	108,2	100,3	104,3	105,2	98,9	83,3
Lviv	93,0	103,7	111,2	112,1	105,2	98,1	108,3	105,8	100,7	87,2
Mykolayiv	86,1	101,5	105,5	104,2	118,1	100,1	107,1	99,5	106,9	91,1
Odesa	82,9	96,9	109,3	109,1	108,1	99,6	103,5	106,3	111,9	86,9
Poltava	88,7	93,3	117,1	105,0	116,7	99,2	108,2	105,8	94,9	84,9
Rivne	93,3	102,1	105,6	109,5	113,1	102,1	106,9	104,5	99,5	82,7
Sumy	91,0	104,5	103,1	102,8	105,9	104,4	103,4	103,4	103,6	86,7
Ternopil	89,2	104,9	108,5	109,2	106,4	102,5	110,3	108,3	105,1	92,8
Kharkiv	90,5	103,1	105,9	113,7	112,2	104,8	107,5	107,2	102,1	83,3
Kherson	87,9	103,9	101,3	107,9	111,2	99,2	104,0	100,4	109,8	91,5
Khmelnyskiy	89,8	102,5	106,6	108,7	112,7	103,9	104,2	104,0	99,9	88,1
Cherkasy	86,2	101,5	103,2	109,8	116,9	107,0	105,6	106,5	114,9	83,9
Chernivtsi	88,3	105,8	108,1	109,4	109,3	101,5	105,5	108,3	105,4	87,1
Chernihiv	91,7	106,0	104,4	107,9	110,0	100,1	103,4	106,5	102,3	88,1
<b>cities</b>										
Kyiv	97,1	107,7	106,4	116,1	116,8	105,8	110,7	119,7	104,4	86,5
Sevastopol	89,2	103,0	108,9	112,5	107,0	100,9	116,3	106,6	106,9	86,5

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

NATIONAL ACCOUNTS

**2.13. Volume indices for per capita gross regional product**

*(at the prices of the previous year; percent)*

	1996	2000	2002	2003	2004	2005	2006	2007	2008
<b>Ukraine</b>	<b>91,2</b>	<b>104,9</b>	<b>106,9</b>	<b>111,7</b>	<b>113,0</b>	<b>103,5</b>	<b>108,1</b>	<b>108,6</b>	<b>102,9</b>
Autonomous Republic of Crimea	90,6	101,2	103,9	112,8	109,2	104,6	107,2	109,3	106,9
<b>oblasts</b>									
Vinnitsya	87,1	105,1	103,7	104,5	113,0	106,4	107,3	104,4	105,9
Volyn	94,9	111,1	104,8	103,1	119,5	104,1	103,9	112,3	106,2
Dnipropetrovsk	91,5	106,8	104,4	109,3	111,9	108,2	108,8	106,1	98,0
Donetsk	94,3	106,5	104,3	113,8	112,0	98,2	109,4	105,5	98,0
Zhytomyr	87,8	106,8	108,9	110,5	116,8	102,2	104,7	106,1	105,1
Zakarpattia	91,2	108,1	109,3	119,0	106,6	98,7	106,8	108,3	103,9
Zaporizhzhya	97,2	105,8	103,2	112,4	116,6	105,5	106,9	109,3	102,0
Ivano-Frankivsk	84,1	105,4	111,6	114,9	108,0	106,2	102,8	101,0	97,6
Kyiv	93,2	106,9	107,3	110,3	110,7	108,3	109,6	106,7	105,0
Kirovohrad	82,7	111,9	105,9	103,4	120,7	104,0	106,7	99,1	115,2
Luhansk	88,5	106,6	108,0	110,8	109,6	101,6	105,6	106,4	99,9
Lviv	93,4	104,2	112,1	112,7	105,7	98,5	108,8	106,1	101,1
Mykolayiv	86,7	102,4	106,7	105,2	119,2	100,9	107,9	100,2	107,6
Odesa	83,6	97,6	110,3	109,9	108,9	100,2	103,9	106,5	112,0
Poltava	89,4	94,2	118,8	106,2	118,1	100,3	109,3	106,9	95,8
Rivne	93,4	102,4	106,1	109,9	113,5	102,4	107,2	104,7	99,6
Sumy	92,0	106,0	104,7	104,2	107,4	105,8	104,7	104,7	104,8
Ternopil	89,3	105,4	109,3	109,9	107,1	103,1	111,0	109,0	105,7
Kharkiv	91,5	104,1	106,8	114,6	112,9	105,5	108,2	107,9	102,7
Kherson	88,3	105,0	102,6	109,0	112,3	100,2	105,0	101,3	110,7
Khmelnyskiy	90,3	103,4	107,8	109,8	113,8	104,9	105,2	104,9	100,6
Cherkasy	86,9	102,5	104,4	110,9	118,2	108,2	106,8	107,5	115,9
Chernivtsi	88,4	106,1	108,7	109,8	109,7	101,8	105,8	108,6	105,6
Chernihiv	92,8	107,5	105,5	109,5	111,8	101,7	105,0	108,1	103,7
<b>cities</b>									
Kyiv	97,4	107,5	106,1	115,4	115,8	104,7	109,6	118,7	103,5
Sevastopol	90,2	103,5	109,1	112,6	107,0	100,8	116,1	106,5	106,7

### 3. FINANCE AND CREDIT

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

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

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

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

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

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

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

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

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

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

**Budget surplus** is the excess of budget revenues over expenditures.

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

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

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

**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; from off-budget payments; also arrears of wages to be paid off by the enterprise including deposited wages; enterprise's debt to those who set it up connected with profit (dividend, etc.) distribution and formation of statutory capital; debt to connected parties and resulting from internal settlements; and other debts stemming from current liabilities.

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

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

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

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

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

**Deposits** – claims on the other deposits-taking corporations that are represented by evidence of deposit.

**Official exchange rate of hryvnia** against foreign currencies is the rate of the national monetary unit, the hryvnia, officially set by the National Bank of Ukraine versus every of foreign currencies. It's determined according to the rate defined as average weighted exchange rate of seller and customer at the interbank foreign exchange market of Ukraine.

## FINANCE AND CREDIT

**3.1. Consolidated budget of Ukraine<sup>1</sup>***(mln. UAH)*

	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>297893,0</b>	<b>272967,0</b>
Tax revenue	45392,5	54321,0	63161,7	98065,2	125743,1	161264,2	227164,8	208073,2
Non-tax revenues	14696,7	18227,2	24571,8	31778,0	40548,3	48553,2	60543,6	58435,8
Revenue from capital transactions	1101,2	1788,2	2534,1	2803,9	3218,1	6373,4	6702,4	3653,1
Official transfers from the governments of foreign countries and international organisations	291,9	212,7	417,8	182,5	153,7	104,5	135,2	645,3
Earmarked funds	472,0	736,7	844,0	1353,6	2148,3	3641,2	3347,0	2159,5
<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>	<b>312017,5<sup>2</sup></b>	<b>310225,2<sup>2</sup></b>
Public administration	8588,8	10017,9	12302,4	15480,9	19891,9	24270,9	30829,2	33156,0
National defence	3536,4	5279,6	6185,8	6041,0	6400,7	9416,5	11733,0	9663,3
Law enforcement, security and judiciary	5040,4	5843,7	7875,9	10226,8	12718,8	18445,7	27080,9	24346,1
Economic activity	7200,9	12215,5	18703,8	19115,1	27341,1	40523,4	51322,4	39753,0
Environment protection	661,6	920,9	1183,3	1252,5	1636,6	2241,3	2764,7	2538,8
Housing and utilities	1407,6	1823,3	2665,3	3914,2	8024,1	5900,3	8968,5	7498,1
Health care	7537,9	9708,2	12159,4	15476,5	19737,7	26717,6	33559,9	36564,9
Intellectual and physical development	1417,9	2052,5	2695,9	3449,8	4328,4	5687,8	7916,1	8330,2
Education	12269,0	14977,7	18333,2	26801,8	33785,0	44333,6	60959,4	66773,6
Social protection and social security	12643,9	12953,2	19310,5	39940,2	41419,9	48517,3	74069,7	78775,4
Lending less repayment	—	—	1122,9	290,7	227,9	1583,9	2813,8	2825,8
<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>	<b>14124,5</b>	<b>37258,1</b>
Memorandum items (percent of GDP):								
Revenue	27,4	28,2	26,5	30,4	31,6	30,8	31,4	29,8
Expenditure	26,7	28,4	29,7	32,2	32,3	31,9	32,9	33,9
Deficit	−0,7 <sup>3</sup>	0,2	3,2	1,8	0,7	1,1	1,5	4,1

<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

## FINANCE AND CREDIT

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

(mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>12502,0</b>	<b>35517,2</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	12502,0	35517,2
Domestic financing	-113,1 <sup>2</sup>	213,3	232,8	280,9	9615,9	6997,5	-1030,0 <sup>2</sup>	6871,0	8672,5	-9282,7
External financing	-584,2 <sup>2</sup>	467,4	-1352,2 <sup>2</sup>	762,2	600,6	948,2	4806,6	2971,9	3829,5	44799,9

<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			
		Central		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
2008	297893,0	224020,9	75,2	73872,1	24,8
2009	272967,0	201931,3	74,0	71035,7	26,0
<b>Tax revenue</b>					
2002	45392,5	28934,8	63,7	16457,7	36,3
2003	54321,0	35725,7	65,8	18595,3	34,2
2004	63161,7	44853,5	71,0	18308,2	29,0
2005	98065,2	74476,4	75,9	23588,8	24,1
2006	125743,1	94811,5	75,4	30931,6	24,6
2007	161264,2	116670,8	72,3	44593,4	27,7
2008	227164,8	167883,4	73,9	59281,4	26,1
2009	208073,2	148915,6	71,6	59157,6	28,4
<b>including personal income tax</b>					
2002	10823,9	—	—	10823,9	100,0
2003	13521,3	—	—	13521,3	100,0
2004	13213,3	634,5	4,8	12578,8	95,2
2005	17325,2	838,7	4,8	16486,5	95,2
2006	22791,1	—	—	22791,1	100,0
2007	34782,1	—	—	34782,1	100,0
2008	45895,8	—	—	45895,8	100,0
2009	44485,3	—	—	44485,3	100,0

## FINANCE AND CREDIT

Table 3.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
enterprise profit tax					
2002	9398,3	8161,9	86,8	1236,4	13,2
2003	13237,2	13086,9	98,9	150,3	1,1
2004	16161,7	16025,3	99,2	136,4	0,8
2005	23464,0	23272,2	99,2	191,8	0,8
2006	26172,1	25863,1	98,8	309,0	1,2
2007	34407,2	33964,0	98,7	443,2	1,3
2008	47856,8	47456,3	99,2	400,5	0,8
2009	33048,0	32569,8	98,6	478,2	1,4
VAT					
2002	13471,2	13471,2	100,0	—	—
2003	12598,1	12598,1	100,0	—	—
2004	16733,5	16733,5	100,0	—	—
2005	33803,8	33803,8	100,0	—	—
2006	50396,7	50396,7	100,0	—	—
2007	59382,8	59382,8	100,0	—	—
2008	92082,6	92082,6	100,0	—	—
2009	84596,7	84596,7	100,0	—	—
excise					
2002	4098,2	3887,5	94,9	210,7	5,1
2003	5246,1	5141,0	98,0	105,1	2,0
2004	6704,4	6660,6	99,3	43,8	0,7
2005	7945,4	7881,8	99,2	63,6	0,8
2006	8608,1	8543,7	99,3	64,5	0,7
2007	10567,7	10485,9	99,2	81,8	0,8
2008	12783,1	12678,0	99,2	105,2	0,8
2009	21624,5	21274,6	98,4	349,9	1,6
Non-tax revenue					
2002	14696,7	12624,7	85,9	2072,0	14,1
2003	18227,2	15790,7	86,6	2436,5	13,4
2004	24571,8	22381,3	91,1	2190,5	8,9
2005	31778,0	28236,3	88,9	3541,7	11,1
2006	40548,3	35752,6	88,2	4795,7	11,8
2007	48553,2	42111,9	86,7	6441,3	13,3
2008	60543,6	52854,2	87,3	7689,4	12,7
2009	58435,8	50676,7	86,7	7759,1	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
2008	10184,6	3283,3	32,2	6901,3	67,8
2009	6457,9	2338,9	36,2	4119,0	63,8

## FINANCE AND CREDIT

Table 3.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
<b>Expenditure</b>					
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
2008 <sup>1</sup>	312017,5	185111,3	59,3	126906,2	40,7
2009 <sup>1</sup>	310225,2	183037,4	59,0	127187,8	41,0
Public administration					
2002	8588,8	6872,3	80,0	1716,5	20,0
2003	10017,9	7862,5	78,5	2155,4	21,5
2004	12302,4	9654,8	78,5	2647,6	21,5
2005	15480,9	11980,5	77,4	3500,4	22,6
2006	19891,9	14165,2	71,2	5726,7	28,8
2007	24270,9	16906,6	69,7	7364,3	30,3
2008	30829,2	21769,5	70,6	9059,7	29,4
2009	33156,0	24850,4	74,9	8305,6	25,1
National defence					
2002	3536,4	3536,4	100,0	—	—
2003	5279,6	5279,6	100,0	—	—
2004	6185,8	6185,8	100,0	—	—
2005	6041,0	6041,0	100,0	—	—
2006	6400,7	6400,7	100,0	—	—
2007	9416,5	9416,5	100,0	—	—
2008	11733,0	11733,0	100,0	—	—
2009	9663,3	9663,3	100,0	—	—
Law enforcement, security and judiciary					
2002	5040,4	4676,6	92,8	363,8	7,2
2003	5843,7	5705,1	97,6	138,6	2,4
2004	7875,9	7728,2	98,1	147,7	1,9
2005	10226,8	10142,2	99,2	84,6	0,8
2006	12718,8	12583,2	98,9	135,6	1,1
2007	18445,7	18315,7	99,3	130,0	0,7
2008	27080,9	24871,1	91,8	2209,8	8,2
2009	24346,1	24159,2	99,2	186,9	0,8
Economic activity					
2002	7200,9	5581,3	77,5	1619,6	22,5
2003	12215,5	9186,6	75,2	3028,9	24,8
2004	18703,8	14253,1	76,2	4450,7	23,8
2005	19115,1	14041,3	73,5	5073,8	26,5
2006	27341,1	20425,7	74,7	6915,4	25,3
2007	40523,4	29748,8	73,4	10774,6	26,6
2008	51322,4	38693,0	75,4	12629,3	24,6
2009	39753,0	33294,3	83,8	6458,7	16,2
Environment protection					
2002	661,6	527,8	79,8	133,8	20,2
2003	920,9	726,1	78,8	194,8	21,2
2004	1183,3	895,8	75,7	287,5	24,3
2005	1252,5	981,1	78,3	271,4	21,7
2006	1636,6	1306,9	79,9	329,7	20,1
2007	2241,3	1809,1	80,7	432,2	19,3
2008	2764,7	2230,2	80,7	534,5	19,3
2009	2538,8	1824,3	71,9	714,5	28,1

## FINANCE AND CREDIT

Table 3.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Housing and utilities					
2002	1407,6	51,4	3,7	1356,2	96,3
2003	1823,3	82,8	4,5	1740,5	95,5
2004	2665,3	106,5	4,0	2558,8	96,0
2005	3914,2	110,0	2,8	3804,2	97,2
2006	8024,1	180,7	2,3	7843,5	97,7
2007	5900,3	723,8	12,3	5176,5	87,7
2008	8968,5	444,0	5,0	8524,5	95,0
2009	7498,1	270,6	3,6	7227,5	96,4
Health care					
2002	7537,9	1582,3	21,0	5955,6	79,0
2003	9708,2	2351,8	24,2	7356,4	75,8
2004	12159,4	3447,8	28,4	8711,6	71,6
2005	15476,5	3508,1	22,7	11968,4	77,3
2006	19737,7	4099,7	20,8	15638,1	79,2
2007	26717,6	6321,0	23,7	20396,6	76,3
2008	33559,9	7365,5	21,9	26194,4	78,1
2009	36564,9	7535,0	20,6	29029,9	79,4
Intellectual and physical development					
2002	1417,9	424,8	30,0	993,1	70,0
2003	2052,5	645,1	31,4	1407,4	68,6
2004	2695,9	1006,8	37,3	1689,1	62,7
2005	3449,8	1273,7	36,9	2176,1	63,1
2006	4328,4	1389,6	32,1	2938,8	67,9
2007	5687,8	1987,7	34,9	3700,0	65,1
2008	7916,1	2917,6	36,9	4998,5	63,1
2009	8330,2	3216,7	38,6	5113,5	61,4
Education					
2002	12269,0	4989,3	40,7	7279,7	59,3
2003	14977,7	5735,7	38,3	9242,0	61,7
2004	18333,2	7200,0	39,3	11133,2	60,7
2005	26801,8	9932,8	37,1	16869,0	62,9
2006	33785,0	12122,1	35,9	21662,9	64,1
2007	44333,6	15149,7	34,2	29183,9	65,8
2008	60959,4	21554,3	35,4	39405,1	64,6
2009	66773,6	23925,7	35,8	42847,9	64,2
Social protection and social security					
2002	12643,9	7273,4	57,5	5370,5	42,5
2003	12953,2	6815,6	52,6	6137,6	47,4
2004	19310,5	12173,3	63,0	7137,2	37,0
2005	39940,2	31604,2	79,1	8336,0	20,9
2006	41419,9	30284,0	73,1	11135,9	26,9
2007	48517,3	29220,3	60,2	19297,0	39,8
2008	74069,7	50798,3	68,6	23271,4	31,4
2009	78775,4	51517,6	65,4	27257,8	34,6
Lending less repayment					
2002	—	—	—	—	—
2003	—	—	—	—	—
2004	1122,9	1082,7	96,4	40,2	3,6
2005	290,7	299,9	103,2	-9,2	-3,2
2006	227,9	190,3	83,5	37,7	16,5
2007	1583,9	1527,7	96,5	56,1	3,5
2008	2813,8	2734,8	97,2	79,0	2,8
2009	2825,8	2780,3	98,4	45,5	1,6

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

## FINANCE AND CREDIT

**3.4. Financial outcome from usual activity before taxation, by type of economic activity<sup>1</sup>**  
(mln. UAH)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Profit, loss (–)<sup>2</sup></b>	<b>13933,0</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>	<b>8954,2</b>	<b>–42414,7</b>
Agriculture, hunting, forestry	1752,4	–254,6	769,5	2768,0	3702,4	2731,8	7624,2	6041,8	7904,3
Industry	8834,6	2866,5	7137,0	18936,9	28264,3	34699,6	43700,9	20243,2	–4659,8
Construction	40,3	–39,6	14,1	770,6	872,2	1603,1	1629,0	–6807,9	–5244,3
Trade; repair of motor vehicles, household appliances and personal demand items	1195,1	4356,4	573,7	6930,2	9464,2	10334,8	16816,9	–28146,0	–8743,4
Hotels and restaurants	–20,0	–9,3	–73,9	–30,6	83,1	–63,2	–1,5	–1446,7	–641,8
Transport and communications	706,7	4269,4	5805,2	6665,6	9629,7	8499,7	11342,8	4518,9	10307,3
Financial activity	1211,7	2358,1	4252,7	7058,0	9334,3	11664,7	22592,6	25042,5	–32665,5
Real estate transactions, renting, engineering and provision of services to businessmen	92,5	929,2	1187,0	1101,2	2636,0	6051,2	31731,2	–8796,6	–5156,8
Provision of communal and individual services; cultural and sporting activity	46,0	75,8	–79,5	255,8	81,3	546,0	411,5	–1768,2	–3493,2

<sup>1</sup> In 2008, data is updated taking into account the changes of the major type of economic activity of enterprises. In 2009, data is resulted without taking into account changes of the major type of activity of enterprises

<sup>2</sup> Excluding budgetary institutions

**3.5. Structure of working assets**

(end of year; percent)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<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>
Stocks	23,9	21,6	21,4	22,2	23,5	22,8	22,5	21,1	19,9
Receivables	65,9	69,5	67,8	64,9	60,2	59,3	59,2	61,4	64,3
Current financial investment	—	1,7	2,7	3,7	4,9	5,6	6,4	6,6	7,4
Cash	3,5	3,9	4,8	5,7	7,7	7,6	8,3	7,6	5,4
Other working assets	6,7	3,3	3,3	3,5	3,8	4,7	3,6	3,3	3,0

<sup>1</sup> Excluding banks and budgetary institutions

## FINANCE AND CREDIT

**3.6. Working assets, by type of economic activity<sup>1</sup>***(end of year; mln. UAH)*

	Total working assets					Including stocks				
	2000	2005	2007	2008	2009	2000	2005	2007	2008	2009
<b>Total<sup>2</sup></b>	<b>321683,1</b>	<b>700719,2</b>	<b>1226964,1</b>	<b>1665319,5</b>	<b>1893929,3</b>	<b>76951,6</b>	<b>164326,3</b>	<b>275793,4</b>	<b>351435,8</b>	<b>377159,0</b>
Agriculture, hunting, forestry	17443,1	32499,1	46092,2	72710,4	83290,2	11764,0	17259,0	23283,5	33950,3	35929,7
Industry	160564,0	243346,4	364159,7	481216,6	549345,4	37083,4	72882,4	110380,7	131449,4	133379,2
Construction	10482,6	32921,0	70815,6	90811,7	98108,2	2688,0	8694,0	17081,3	20824,7	20547,5
Trade; repair of motor vehicles, household appliances and personal demand items	79757,7	239175,6	466424,1	597561,1	648458,2	16349,6	49168,2	99774,5	118593,4	119023,8
Hotels and restaurants	531,0	1887,9	4546,2	5194,6	6699,0	176,1	356,0	667,9	745,8	814,5
Transport and communications	32334,8	31968,5	51952,6	66676,1	71466,4	5351,5	6839,9	10203,6	12196,8	12383,6
Financial activity	3843,7	43007,0	89229,5	117254,1	136551,1	197,0	301,3	1211,1	1646,8	2474,0
Real estate transactions, renting, engineering and provision of services to businessmen	13090,4	62540,3	125568,6	223503,7	289066,4	2670,2	7494,2	12095,9	30645,3	51221,3
Provision of communal and individual services; cultural and sporting activity	2265,3	8891,1	5205,8	6675,9	7884,1	266,0	430,7	525,1	644,7	640,0

<sup>1</sup> See the first footnote to Table 3.4<sup>2</sup> See the footnote to Table 3.5



## FINANCE AND CREDIT

**3.7. Loss-making enterprises, by type of economic activity<sup>1</sup>**

	2000 <sup>2</sup>		2005		2007		2008		2009	
	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>34,2</b>	<b>24794,3</b>	<b>32,5</b>	<b>47096,5</b>	<b>37,2</b>	<b>184714,9</b>	<b>39,9</b>	<b>186473,9</b>
Agriculture, hunting, forestry	34,5	1532,9	33,8	1707,3	26,3	1993,7	28,3	5965,5	30,1	6359,9
Industry	42,2	9810,3	36,5	8888,3	33,4	13256,0	38,9	50569,3	40,7	48672,5
Construction	40,0	843,1	33,8	1770,6	32,1	3788,8	37,2	12967,2	43,3	10827,4
Trade; repair of motor vehicles, household appliances and personal demand items	36,3	4323,2	30,1	6024,6	29,3	12255,3	34,1	53859,2	36,4	32630,5
Hotels and restaurants	44,1	112,7	37,2	224,3	34,0	516,3	38,1	1950,7	40,2	1126,5
Transport and communications	47,4	3823,6	38,3	1778,3	35,5	3384,5	40,5	12125,9	43,1	8011,4
Financial activity	38,8	172,4	33,7	750,2	33,0	2004,0	38,2	9791,5	39,5	50069,1
Real estate transactions, renting, engineering and provision of services to businessmen	32,3	1223,4	38,8	2913,8	37,8	8356,0	41,8	33859,8	44,1	24276,2
Provision of communal and individual services; cultural and sporting activity	37,9	190,8	35,8	497,3	34,8	1224,7	40,1	3127,5	43,2	3962,1

<sup>1</sup> See the footnotes to Table 3.4<sup>2</sup> See the footnote to Table 3.5

## FINANCE AND CREDIT

**3.8. Profitability of operational activity, by type of economic activity<sup>1</sup>**

(percent)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total<sup>2</sup></b>	<b>2,7</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>	<b>3,9</b>	<b>3,3</b>
Agriculture, hunting, forestry	-1,6	0,0	4,2	10,7	12,7	10,0	19,0	12,9	14,7
Industry	4,8	2,6	3,3	4,7	5,5	5,8	5,8	4,9	1,7
Construction	1,3	1,2	2,2	2,1	2,2	3,1	2,6	-2,7	-1,0
Trade; repair of motor vehicles, household appliances and personal demand items	1,0	14,9	6,9	12,0	14,8	12,7	13,1	-0,2	4,5
Hotels and restaurants	1,0	1,1	1,1	2,2	4,2	1,1	1,3	-6,3	-3,0
Transport and communications	2,4	9,2	11,0	10,3	11,7	9,9	9,8	6,9	8,6
Financial activity	8,2	17,1	13,1	28,1	17,5	7,5	6,8	5,2	1,6
Real estate transactions, renting, engineering and provision of services to businessmen	1,4	0,5	0,2	-0,2	0,3	2,9	3,7	4,0	5,6
Provision of communal and individual services; cultural and sporting activity	0,5	-0,2	-1,3	0,4	0,8	1,2	2,6	-6,7	-14,5

<sup>1</sup> See the first footnote to Table 3.4<sup>2</sup> See the footnote to Table 3.5**3.9. Profitability of operational activity of industrial enterprises<sup>1</sup>**

(percent)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Industry</b>	<b>4,8</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>	<b>4,9</b>	<b>1,7</b>
Mining	8,7	4,4	3,4	8,5	14,4	9,2	11,4	23,5	4,2
Manufacturing	5,9	3,1	4,2	5,4	5,3	5,5	5,9	3,1	1,4
including									
production of footstuffs, beverages and tobacco products	3,3	3,3	2,7	2,0	3,7	5,1	4,7	1,9	5,1
light industry	-0,1	-1,6	0,4	0,4	-0,2	0,2	0,7	-1,6	3,1
wood working and production of wood products apart from furniture	1,0	-1,3	3,2	4,1	4,5	2,5	3,7	-1,5	1,4
cellulose and paper industry; printing	8,3	7,1	4,5	7,7	6,4	6,3	5,0	0,9	4,5
production of coke and refined petroleum products	...	4,0	1,5	4,9	4,1	3,6	3,5	-1,6	-2,1
chemical and petrochemical industry	7,8 <sup>2</sup>	1,8	5,2	7,0	7,8	4,0	4,5	4,7	-1,2
metallurgy and production of finished metal products	9,8	4,6	7,9	9,2	7,2	8,5	8,3	5,2	-2,3
engineering	-0,3	1,5	1,9	3,1	3,4	2,6	4,3	2,9	4,6
Production and distribution of electricity, gas and water	-0,6	0,4	-0,2	-1,3	1,5	5,2	2,2	2,0	1,7

<sup>1</sup> See the first footnote to Table 3.4<sup>2</sup> Chemical industry

## FINANCE AND CREDIT

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

(mln. UAH)

	Receivables					Payables				
	2000	2005	2007	2008	2009	2000	2005	2007	2008	2009
<b>Ukraine<sup>1</sup></b>	<b>211998,1</b>	<b>421820,6</b>	<b>726514,6</b>	<b>1023035,2</b>	<b>1217895,8</b>	<b>305134,6</b>	<b>545105,9</b>	<b>858963,1</b>	<b>1181141,0</b>	<b>1427789,1</b>
Autonomous Republic of Crimea	2565,5	7334,7	12559,2	16304,2	19410,9	4597,4	9590,9	15332,1	19347,6	21888,1
<b>oblasts</b>										
Vinnitsya	1949,4	5076,6	8582,0	10584,2	11886,9	3482,6	7027,5	9942,6	14134,3	24747,9
Volyn	1731,4	11024,3	11798,9	16319,3	17849,0	2913,9	14212,6	18125,5	18293,6	18641,1
Dnipro-petrovsk	21570,9	61182,0	99356,0	146069,7	195286,2	34499,6	71183,2	97706,4	143088,8	200381,8
Donetsk	27611,4	51881,6	88730,4	142238,5	164986,8	40558,9	67308,6	107806,6	157176,9	192750,3
Zhytomyr	1388,3	2040,5	3605,7	5260,7	5915,3	2220,3	3059,4	4447,9	6368,5	8017,5
Zakarpattia	696,5	2109,0	3415,7	4511,7	5235,6	1164,0	2781,5	4371,2	5746,8	6580,8
Zaporizhzhya	8821,5	11848,0	16826,5	25832,5	29730,1	11616,9	14174,8	19281,7	27669,4	31434,7
Ivano-Frankivsk	2652,3	4602,5	11779,0	17244,4	21584,0	4241,2	7696,5	17163,4	25328,2	28967,5
Kyiv	4324,8	13828,7	29600,7	39048,4	44187,4	6409,0	17377,4	36814,2	48375,7	55862,8
Kirovohrad	1902,9	2426,2	5063,5	6534,9	10502,2	4479,4	3436,3	6632,7	7889,2	11896,1
Luhansk	8309,2	15695,8	20155,4	27489,3	33633,5	14963,9	23011,2	27561,1	32772,9	41128,2
Lviv	5892,3	10149,2	18386,6	25658,5	30486,2	9253,5	14556,4	22498,2	31741,4	39455,6
Mykolayiv	2487,4	6252,5	8473,5	11790,7	14694,3	3979,7	7474,3	10204,9	13760,1	16490,3
Odesa	5445,3	13462,1	28046,2	38479,8	40836,4	7703,3	18228,2	33998,8	47181,5	54749,5
Poltava	4284,5	6692,2	15127,9	22941,5	27122,1	5279,0	8325,5	19166,5	24179,4	30948,0
Rivne	1464,1	2976,4	4894,7	7154,1	6948,6	2255,4	3937,6	5174,7	7777,0	8828,5
Sumy	2573,5	3183,8	3710,3	6423,8	7854,2	3772,0	4448,1	5131,7	7475,7	9059,5
Ternopil	1039,0	1468,4	2652,5	4108,5	6194,2	1842,7	2288,1	3627,8	5783,7	8188,7
Kharkiv	7941,9	23080,8	39726,5	47392,0	63381,0	11565,2	32417,9	50326,1	57994,1	76496,7
Kherson	1610,3	2977,3	5499,2	8567,9	10911,4	3358,6	3526,5	6595,9	9752,7	11806,3
Khmelnyskiy	1487,4	3815,7	4225,7	5676,8	7652,9	2607,2	5200,1	4913,3	7185,0	9662,8
Cherkasy	1647,2	4722,5	8351,5	13897,6	17195,3	3126,6	6348,1	9785,4	15215,1	19625,7
Chernivtsi	910,2	1401,9	2865,7	4077,6	5338,6	1187,3	1951,2	3040,6	3906,0	4894,6
Chernihiv	1077,6	2048,8	3617,2	5605,8	6382,9	1846,4	2672,6	3981,2	6056,0	7747,9
<b>cities</b>										
Kyiv	90072,4	149413,4	267278,0	360703,1	408672,3	115360,9	191246,5	312646,9	432908,5	482863,9
Sevastopol	540,9	1125,7	2186,1	3119,7	4017,5	849,7	1624,9	2675,7	4032,9	4674,3

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

## FINANCE AND CREDIT

**3.11. Enterprise balance sheets in 2009,**

	Total <sup>1</sup>		Of					
			agriculture, hunting, forestry		industry		construction	
	beginning of the year	end of the year	beginning of the year	end of the year	beginning of the year	end of the year	beginning of the year	end of the year
<b>Assets</b>								
Fixed assets	1568186,3	1749238,5	58942,9	66039,9	501881,6	553095,6	67377,1	74362,6
percentage of the balance	49,5	47,6	45,0	43,9	50,8	49,8	42,9	42,5
Working assets	1573587,9	1893929,3	71278,9	83290,2	476787,0	549345,4	87822,8	98108,2
percentage of the balance	49,6	51,5	54,4	55,4	48,3	49,4	55,9	56,1
Expenditures of future periods	27273,5	31816,8	803,8	917,9	8435,1	9072,9	1839,2	2183,0
percentage of the balance	0,9	0,9	0,6	0,6	0,9	0,8	1,2	1,2
Fixed assets and groups disposal	637,6	1160,5	20,9	57,8	163,6	208,5	110,9	124,3
percentage of the balance	0,0	0,0	0,0	0,0	0,0	0,0	0,1	0,1
<b>Liabilities</b>								
Own capital	1169966,7	1269537,7	62565,7	72182,4	402014,2	415289,2	28002,1	29675,3
percentage of the balance	36,9	34,5	47,7	48,0	40,7	37,4	17,8	17,0
Provisions for future expenditures and payments	69609,7	73261,2	1021,3	1039,3	16194,8	17425,2	12313,9	12255,2
percentage of the balance	2,2	2,0	0,8	0,7	1,6	1,6	7,8	7,0
Long-term liabilities	560042,5	608823,1	22970,2	24806,1	162936,6	176581,5	40764,3	47503,2
percentage of the balance	17,7	16,6	17,5	16,5	16,5	15,9	25,9	27,2
Current liabilities	1352935,8	1705408,3	43514,5	51065,4	397443,1	493137,4	75278,9	84455,2
percentage of the balance	42,7	46,4	33,2	34,0	40,3	44,4	47,9	48,3
Revenue of future periods	17130,6	19114,8	974,8	1212,6	8678,6	9289,1	790,8	889,2
percentage of the balance	0,5	0,5	0,7	0,8	0,9	0,8	0,5	0,5
<b>Balance</b>	<b>3169685,3</b>	<b>3676145,1</b>	<b>131046,5</b>	<b>150305,8</b>	<b>987267,3</b>	<b>1111722,4</b>	<b>157150,0</b>	<b>174778,1</b>

<sup>1</sup> Excluding banks, and budgetary institutions and is resulted without taking into account changes of the major type of activity of enterprises

FINANCE AND CREDIT

by type of economic activity

(mln. UAH)

which

trade; repair of motor vehicles, household appliances and personal demand items		hotels and restaurants		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
152987,6	174114,4	12231,0	13765,4	206904,2	217425,7	53771,1	61749,8	484981,2	554966,9	21237,1	24676,1
22,1	20,9	70,6	66,6	75,4	74,9	31,7	30,9	69,0	65,2	75,3	74,6
529507,5	648458,2	4947,1	6699,0	66795,3	71466,4	114866,8	136551,1	212309,3	289066,4	6330,5	7884,1
76,7	77,9	28,6	32,4	24,3	24,6	67,8	68,4	30,2	34,0	22,4	23,8
8172,7	10138,4	140,1	184,0	864,4	1231,6	864,6	1279,0	5440,4	6188,3	631,9	496,7
1,2	1,2	0,8	0,9	0,3	0,4	0,5	0,6	0,8	0,7	2,2	1,5
73,8	121,1	1,1	6,4	11,3	12,1	14,0	182,1	241,6	418,8	0,4	28,9
0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,1
74052,8	74549,3	7019,1	8018,0	148525,5	161171,3	76085,5	83917,6	352288,8	404881,9	13273,1	13265,6
10,7	9,0	40,5	38,8	54,1	55,6	44,9	42,0	50,1	47,6	47,1	40,1
3436,9	4385,5	131,4	145,3	5432,7	5881,8	11018,5	10052,5	17537,4	18474,5	2198,7	3069,7
0,5	0,5	0,8	0,7	2,0	2,0	6,5	5,0	2,5	2,2	7,8	9,3
102236,4	115229,9	4811,9	5358,0	50573,1	51254,8	29124,7	33237,3	139348,5	146967,7	5679,2	6036,5
14,8	13,8	27,8	25,9	18,4	17,7	17,2	16,6	19,8	17,3	20,1	18,2
510221,7	636802,3	5286,3	7062,6	66875,8	68572,3	52889,5	72351,2	192277,7	278701,9	6613,4	10221,5
73,9	76,5	30,5	34,2	24,4	23,6	31,2	36,2	27,4	32,8	23,5	30,9
793,8	1865,1	70,6	70,9	3168,1	3255,6	398,3	203,4	1520,1	1614,4	435,5	492,5
0,1	0,2	0,4	0,3	1,2	1,1	0,2	0,1	0,2	0,2	1,5	1,5
<b>690741,6</b>	<b>832832,1</b>	<b>17319,3</b>	<b>20654,8</b>	<b>274575,2</b>	<b>290135,8</b>	<b>169516,5</b>	<b>199762,0</b>	<b>702972,5</b>	<b>850640,4</b>	<b>28199,9</b>	<b>33085,8</b>

## FINANCE AND CREDIT

**3.12. Money supply in Ukraine***(end of year; mln. UAH)*

	2000	2001	2002	2003 <sup>1</sup>	2004 <sup>1</sup>	2005 <sup>1</sup>	2006 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1</sup>
Cash										
Money circulating beyond banks (M0)	12799	19465	26434	33119	42345	60231	74984	111119	154759	157029
Monetary aggregate (M1)	20762	29796	40281	51541	67090	98573	123276	181665	225127	233748
Monetary aggregate (M2)	31544	45186	64321	94855	125483	193145	259413	391273	512527	484772
Monetary aggregate (M3)	32252	45755	64870	95043	125801	194071	261063	396156	515727	487298

<sup>1</sup> Monetary aggregates – liabilities of deposit-taking corporations to other sectors of the economy with the exception of general government and other deposit-taking corporations sector. Monetary aggregate M0 includes currency in circulation outside the deposit-taking corporations. Monetary aggregate M1 – monetary aggregate M0 and transferable deposits in national currency. Monetary aggregate M2 – monetary aggregate M1 and transferable deposits in foreign currency and other deposits. Monetary aggregate M3 – monetary aggregate M2 and securities other than shares. Starting from 2003, monetary aggregates are compiled on the basis of the standardized reporting forms of the National Bank of Ukraine and other deposit-taking corporations (banks) according to the IMF methodology

**3.13. Resident bank loans (except for deposit corporations)<sup>1</sup>***(end of year; mln. UAH)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Banks</b>	19698	28572	42228	67892	88615	143423	245230	426867	734022	723295
In currency										
national	10676	16036	24656	39620	51243	81279	123787	213802	300220	355521
foreign	9021	12536	17571	28272	37371	62144	121443	213065	433801	367774

<sup>1</sup> Including interest accrued; loans for general public administration sector

## FINANCE AND CREDIT

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	KRB	UAH									
1 British pound sterling	232150	8,2499	7,7394	7,9984	8,7128	9,7391	9,3376	9,2945	10,1069	9,6688	12,1948
1 US dollar	147463	5,4402	5,3721	5,3266	5,3327	5,3192	5,1247	5,0500	5,0500	5,2672	7,7912
10 Japanese yen	15663	0,5052	0,4427	0,4259	0,4603	0,4921	0,4669	0,4340	0,4292	0,5140	0,8345
1 euro (1 ECU until 1999)	192790	5,0289	4,8136	5,0301	6,0244	6,6094	6,3899	6,3369	6,9179	7,7080	10,8679
1 SDR	223233	7,1759	6,8420	6,8982	7,4682	7,8782	7,5802	7,4283	7,7294	8,3084	12,0188
10 Russian rubles	—	1,94	1,84	1,70	1,74	1,85	1,81	1,86	1,98	2,11	2,47

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	KRB	UAH									
1 British pound sterling	277020	8,1026	7,6739	8,5384	9,4688	10,1827	8,6759	9,9045	10,0973	11,1430	12,6647
1 US dollar	179400	5,4345	5,2985	5,3324	5,3315	5,3054	5,0500	5,0500	5,0500	7,7000	7,9850
10 Japanese yen	17410	0,4730	0,4049	0,4446	0,4982	0,5118	0,4283	0,4238	0,4466	0,8521	0,8650
1 euro (1 ECU until 1999)	235820	5,0568	4,6696	5,5329	6,6622	7,2175	5,9716	6,6509	7,4195	10,8555	11,4489
1 SDR	266740	7,0807	6,6529	7,2064	7,9225	8,2393	7,2178	7,5972	7,9803	11,8601	12,5180
10 Russian rubles	—	1,93	1,76	1,68	1,81	1,91	1,75	1,92	2,06	2,62	2,64

**3.16. Deposits by households, held with deposit-taking corporations (excluding National Bank of Ukraine)<sup>1</sup>***(end of year; mln. UAH)*

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

<sup>1</sup> For the period of 2000–2004 data includes natural persons without private entrepreneurs

## FINANCE AND CREDIT

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

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



#### 4. PRICES AND TARIFFS

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

**Industrial producer price index** is an indicator of changes over time within industrial production. It is compiled monthly using data on prices for the industrial products from a sample survey of enterprises. The prices are weighed by the volume of sold industrial products in monetary terms.

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

**Price index for construction and assembly operations** is characterizing the movements of the prices in the construction. It is compiled monthly using the data about the

procurement of the material resources according to the sample range of construction and assembly, and repair organisations. The weighing basis is the data regarding the current expenditure on the construction-assembly work.

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

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

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

## PRICES AND TARIFFS

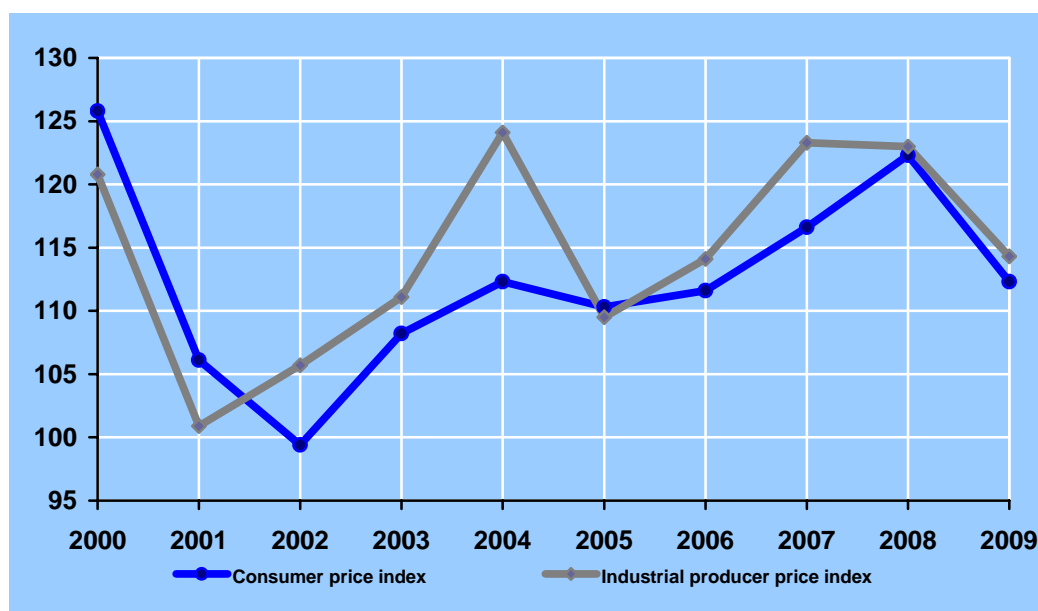
### 4.1. Price indices

*(percent of the previous year)*

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

### 4.2. Consumer price indices and industrial producer price indices in 2000–2009

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



### 4.3. Consumer and producer price indices

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

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

PRICES AND TARIFFS

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

(percent)

	2002	2003	2005	2006	2007	2008	2009	2003	2005	2006	2007	2008	2009
	Dec. over Dec. of the previous year							of the previous year					
Foodstuffs and non-alcoholic beverages	97,6	111,1	110,2	103,2	123,7	124,5	110,9	106,3	116,2	105,3	109,7	135,7	111,9
Foodstuffs	97,3	111,7	110,8	102,8	124,7	124,5	110,0	106,7	117,5	105,4	109,6	136,7	110,9
Bread and cereal products	98,8	131,7	102,2	113,7	119,5	127,8	108,3	114,8	98,9	107,9	114,2	133,3	112,6
bread	95,8	136,0	100,4	116,7	118,0	125,1	109,9	107,1	97,4	107,8	114,8	130,3	113,9
pasta	95,9	133,7	99,3	106,2	119,5	125,1	107,6	116,0	97,0	102,1	111,7	130,2	112,2
Meat and meat products	89,9	108,4	118,4	98,0	113,9	134,0	106,2	96,5	130,3	103,3	102,5	139,4	111,8
Fish and fish products	102,3	107,4	119,4	102,3	109,3	126,6	114,1	106,1	129,8	106,5	104,3	119,6	125,0
Milk, cheese and eggs	97,5	114,0	110,1	105,1	142,1	115,4	109,4	110,9	123,4	103,5	123,0	131,2	108,9
Oil and fats	89,9	107,6	102,0	91,3	143,9	123,2	114,2	96,7	124,0	92,1	110,3	155,8	107,9
Fruits	110,2	105,0	126,1	139,9	160,3	137,8	101,3	116,6	120,6	138,0	138,8	167,5	112,8
Vegetables	108,5	88,2	104,7	91,5	135,4	99,6	94,5	109,3	91,7	104,8	108,9	133,1	81,7
Sugar	109,3	98,0	121,7	98,3	101,2	108,4	183,9	110,0	127,5	117,7	78,8	115,6	140,5
Non-alcoholic beverages	100,9	102,6	107,7	106,6	111,0	121,7	124,7	101,7	107,5	106,3	107,9	117,9	129,6
Alcoholic beverages, tobacco (products)	100,7	104,3	107,7	105,5	109,5	122,7	138,4	102,2	106,5	106,2	107,8	114,9	136,0
Clothes and footwear	100,7	100,7	102,2	102,5	101,9	104,6	107,6	100,6	101,9	102,3	102,0	102,8	108,0
clothes	100,5	100,5	101,6	102,1	101,8	104,8	107,6	100,5	101,6	101,9	101,8	102,8	108,2
footwear	100,3	100,6	102,6	102,7	102,0	104,0	107,9	100,4	102,1	102,6	102,0	102,8	107,5
Housing, water, electricity, gas and other types of fuels	101,7	106,4	114,6	166,5	112,3	128,2	108,2	104,3	109,0	134,1	142,5	114,2	125,5
payment for own dwelling (rent)	100,4	101,9	139,8	149,2	123,1	135,7	124,9	101,1	121,9	135,8	152,1	121,0	132,9
water supply	104,2	118,3	127,6	150,0	117,8	140,6	127,9	113,2	114,9	131,2	143,8	129,5	135,6
sewerage	109,4	112,9	134,3	162,0	118,3	145,1	140,3	110,8	118,6	141,1	148,0	132,6	146,3
electricity	100,0	100,0	100,0	156,1	100,0	100,0	100,0	100,0	100,0	127,0	122,9	100,0	100,0
natural gas	100,2	100,4	101,2	180,6	100,0	154,1	100,0	100,2	100,5	163,6	111,5	107,7	142,7
hot water, heating	100,4	111,4	115,9	214,6	115,1	130,7	106,7	107,3	110,4	138,2	180,8	112,9	136,3
Household goods, household appliances and current maintenance of housing	100,7	102,2	102,1	102,5	102,9	116,2	114,3	101,6	104,7	102,0	102,3	107,6	122,1
Health care	103,6	103,5	109,2	107,3	113,2	121,9	126,3	103,9	109,7	106,3	110,2	119,0	131,5
Transport	106,6	102,4	119,7	110,4	114,1	122,5	119,2	103,7	120,0	114,3	109,5	124,5	120,7
fuels and lubricants	149,5	101,0	124,5	102,9	136,2	91,7	146,0	113,2	135,4	117,8	108,4	133,4	112,0
transport services	101,5	101,4	122,1	112,1	110,3	146,6	110,3	101,5	119,1	114,8	110,0	130,3	125,6
rail passenger transport	104,1	103,7	100,8	142,1	115,9	125,3	116,7	103,9	100,8	123,7	128,4	118,1	122,3
road passenger transport	101,5	101,2	125,5	108,0	109,5	153,0	108,9	101,4	121,8	113,5	107,1	133,4	127,2
Communications	109,8	100,0	101,7	121,0	97,2	105,0	104,3	104,8	100,7	108,5	110,4	100,4	107,1
Leisure and culture	102,0	101,9	102,7	103,7	104,7	117,1	111,8	102,1	103,9	103,1	104,4	108,4	119,7
Education	106,0	107,1	118,0	115,8	115,8	129,2	115,1	106,6	113,1	117,0	115,5	122,1	122,3
Restaurants and hotels	108,4	108,0	118,6	114,8	116,5	127,9	110,0	108,4	117,5	116,4	112,7	128,4	116,3
Various goods and services	102,4	102,3	106,3	106,8	111,4	130,4	119,1	102,8	106,2	106,0	108,1	122,8	127,7

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>112,3</b>	<b>110,9</b>	<b>138,4</b>	<b>107,6</b>	<b>108,2</b>	<b>114,3</b>
Autonomous Republic of Crimea	114,8	114,0	140,3	104,7	112,6	115,1
<b>oblasts</b>						
Vinnitsya	111,2	111,1	143,2	104,0	105,9	108,7
Volyn	110,0	109,5	131,2	104,9	105,2	115,5
Dnipropetrovsk	113,0	110,4	140,2	108,0	109,0	118,1
Donetsk	113,1	111,9	142,3	104,0	107,8	109,6
Zhytomyr	111,9	110,2	147,1	109,3	103,6	116,5
Zakarpattia	111,8	109,0	131,4	111,3	107,6	112,2
Zaporizhzhya	113,0	112,5	137,4	108,8	104,1	115,3
Ivano-Frankivsk	110,3	109,3	131,5	106,6	100,6	114,3
Kyiv	109,5	107,9	133,4	107,5	102,6	107,7
Kirovohrad	109,7	108,1	140,9	102,4	102,3	110,7
Luhansk	112,8	110,8	143,9	108,5	107,7	114,4
Lviv	113,4	112,7	136,4	106,8	106,0	114,1
Mykolayiv	112,8	111,5	147,4	106,5	107,0	115,8
Odesa	114,4	113,1	142,4	113,3	106,3	115,1
Poltava	112,8	112,1	135,7	109,6	105,8	118,1
Rivne	112,0	110,6	141,4	107,9	104,8	115,7
Sumy	110,8	109,7	135,7	105,3	103,2	114,9
Ternopil	111,2	110,4	138,1	101,4	106,2	106,8
Kharkiv	112,9	109,1	130,6	112,6	109,5	118,4
Kherson	112,6	110,5	146,5	110,3	107,8	120,1
Khmelnyskiy	113,0	112,5	143,8	117,1	102,4	112,3
Cherkasy	111,5	110,6	137,9	104,9	107,2	111,6
Chernivtsi	110,1	108,8	128,5	105,6	104,0	109,9
Chernihiv	112,7	112,6	135,4	105,8	107,7	112,0
<b>cities</b>						
Kyiv	113,4	110,1	133,1	108,7	125,6	118,2
Sevastopol	113,9	113,8	152,4	108,5	102,0	114,2

PRICES AND TARIFFS

in 2009, 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
126,3	119,2	104,3	111,8	115,1	110,0	119,1
130,1	120,2	103,9	114,3	120,8	111,6	119,6
120,0	118,7	103,7	107,6	114,5	108,9	112,4
119,0	115,0	103,8	108,5	114,1	109,7	116,2
129,3	121,2	105,2	113,3	115,6	112,9	122,0
130,8	121,7	103,3	114,9	114,6	109,2	117,7
126,2	119,5	105,6	114,2	120,8	107,9	113,6
127,5	122,3	103,5	111,3	119,0	110,5	120,1
123,3	119,0	104,9	111,8	110,1	109,0	118,3
124,4	117,9	102,7	110,9	107,7	108,6	118,8
123,4	123,0	103,9	105,1	118,4	107,4	113,6
127,0	116,6	104,6	106,6	121,4	108,3	126,2
126,2	120,5	104,3	112,5	111,2	111,6	120,0
131,1	117,1	104,0	113,1	116,9	109,1	117,3
118,5	118,7	103,7	106,6	113,2	112,2	117,3
131,5	121,7	105,9	112,5	120,8	113,8	121,1
125,1	116,9	103,3	110,0	110,9	116,1	121,7
133,0	115,3	102,6	109,4	122,3	105,9	116,5
120,9	121,0	104,0	114,7	112,4	107,5	114,8
124,6	115,8	103,3	110,9	121,4	108,9	124,2
129,9	134,7	104,8	113,0	116,0	108,2	125,4
124,7	123,3	103,9	112,9	102,3	113,3	117,0
122,9	117,3	103,3	107,7	114,2	110,0	117,8
124,9	122,2	104,0	110,3	113,6	105,4	117,7
128,4	114,0	103,1	109,9	123,3	107,2	114,1
118,8	120,5	103,4	100,9	121,9	106,6	124,5
121,8	108,3	105,6	115,5	110,8	112,9	123,1
131,0	115,0	103,3	107,9	112,2	102,4	119,9

PRICES AND TARIFFS

4.6. Consumer price indices, by region

(percent)

	2002	2003	2005	2006	2007	2008	2009	2003	2005	2006	2007	2008	2009
	Dec. over Dec. of the previous year							of the previous year					
<b>Ukraine</b>	99,4	108,2	110,3	111,6	116,6	122,3	112,3	105,2	113,5	109,1	112,8	125,2	115,9
Autonomous Republic of Crimea	98,3	108,5	111,5	111,5	115,6	123,3	114,8	105,7	113,2	109,6	112,3	126,0	117,0
<b>oblasts</b>													
Vinnitsya	98,9	109,6	110,7	111,5	117,8	119,1	111,2	106,7	112,7	109,5	113,3	124,6	113,2
Volyn	98,8	105,8	109,1	109,6	115,1	121,3	110,0	104,0	112,5	109,2	110,2	124,4	113,3
Dnipro-petrovsk	102,0	109,3	108,0	119,8	114,4	124,4	113,0	107,4	112,0	110,4	117,6	125,4	117,0
Donetsk	99,5	108,8	111,9	112,1	113,9	124,0	113,1	104,9	115,2	110,3	111,4	124,9	117,0
Zhytomyr	99,0	108,2	110,8	110,3	113,9	120,8	111,9	103,4	115,4	108,2	110,2	124,8	114,4
Zakarpattia	100,9	106,8	111,6	108,7	111,3	115,4	111,8	105,1	112,3	108,7	108,6	118,1	112,3
Zaporizhzhya	98,7	109,9	111,9	110,3	115,2	123,6	113,0	105,8	115,3	108,7	110,9	126,2	116,2
Ivano-Frankivsk	95,8	106,0	110,3	106,0	114,0	121,8	110,3	102,7	111,6	107,0	108,6	123,1	115,3
Kyiv	98,7	108,2	112,6	111,7	114,3	125,6	109,5	103,5	114,3	110,8	110,7	125,3	115,9
Kirovohrad	96,1	110,4	110,0	109,1	113,4	121,4	109,7	105,5	115,0	107,3	110,1	123,5	112,9
Luhansk	97,1	106,3	112,0	116,1	115,4	123,3	112,8	103,5	114,3	110,8	116,0	125,4	116,5
Lviv	101,5	106,0	108,4	107,0	116,8	125,1	113,4	105,0	111,6	107,4	110,4	127,0	117,6
Mykolayiv	102,2	109,5	111,5	109,1	118,1	121,8	112,8	110,0	113,4	108,3	111,4	127,1	115,9
Odesa	98,7	108,6	108,8	110,0	119,2	123,7	114,4	106,1	111,4	108,9	112,0	128,8	116,9
Poltava	96,2	109,2	113,7	111,2	118,3	123,5	112,8	104,2	116,1	110,4	113,0	127,8	115,7
Rivne	97,8	110,7	110,3	109,6	116,0	122,1	112,0	105,7	114,4	106,8	111,7	125,3	115,5
Sumy	98,2	108,1	112,2	113,3	115,0	121,0	110,8	104,1	115,9	109,2	114,6	122,7	114,1
Ternopil	98,4	104,2	108,4	110,0	120,1	118,6	111,2	102,1	110,8	107,5	112,8	125,1	115,4
Kharkiv	97,2	109,3	108,9	112,7	119,1	123,8	112,9	103,4	113,2	107,2	113,2	128,2	118,6
Kherson	99,3	110,5	109,2	109,2	118,3	121,9	112,6	108,6	113,6	108,6	110,2	128,2	114,8
Khmelnyskiy	97,6	107,5	108,5	110,8	117,9	122,7	113,0	102,8	113,3	106,4	113,7	127,4	115,9
Cherkasy	98,6	107,3	111,4	110,2	117,9	122,3	111,5	103,6	114,8	108,4	112,8	124,8	116,0
Chernivtsi	100,8	107,2	111,3	109,2	117,3	119,0	110,1	106,1	112,4	109,7	111,2	123,7	112,8
Chernihiv	96,6	108,0	109,9	111,6	115,0	123,1	112,7	103,7	114,1	108,9	111,6	124,1	117,6
<b>cities</b>													
Kyiv	103,6	108,1	110,5	109,2	121,0	121,6	113,4	106,2	112,9	109,1	115,3	123,8	116,4
Sevastopol	100,0	104,8	110,0	111,7	118,2	119,5	113,9	104,3	112,3	110,9	111,4	125,2	115,1

PRICES AND TARIFFS

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

(percent)

	2003	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
	Dec. over Dec. of the previous year						of the previous year				
<b>Industry</b>	<b>111,1</b>	<b>109,5</b>	<b>114,1</b>	<b>123,3</b>	<b>123,0</b>	<b>114,3</b>	<b>116,7</b>	<b>109,6</b>	<b>119,5</b>	<b>135,5</b>	<b>106,5</b>
Mining	117,9	127,7	120,6	127,3	122,3	111,2	140,2	111,2	126,5	148,5	94,1
mining of fuel and energy minerals	113,0	126,3	117,1	128,4	107,7	110,6	130,9	116,1	118,0	137,9	92,3
mining operations apart from fuel and energy minerals	127,1	129,9	125,7	126,2	142,1	111,4	157,2	104,3	138,3	163,0	96,1
Manufacturing	111,8	106,9	111,5	123,4	118,4	117,4	114,9	107,7	116,4	134,9	106,7
including production of foodstuffs, beverages and tobacco products	113,6	107,9	107,4	124,8	116,5	120,3	109,3	105,8	114,0	127,5	115,9
light industry	105,7	102,8	106,0	106,7	116,7	113,5	106,0	103,8	106,5	111,1	116,3
textile industry, sewing of clothes, fur and fur articles	108,3	101,8	106,3	107,2	120,2	112,4	106,0	103,7	106,8	113,0	117,8
production of leather, leather articles and other materials	100,3	105,8	105,8	105,8	109,6	115,8	107,1	104,5	105,7	106,5	113,0
wood working and production of wood products apart from furniture	112,4	108,7	112,1	108,1	114,1	109,6	114,8	108,8	110,5	115,0	109,2
cellulose and paper industry; printing	104,1	103,9	107,2	105,5	117,0	111,5	108,0	108,2	102,6	114,5	112,9
production of coke and refined products	122,9	103,3	109,4	150,4	84,4	142,9	124,9	107,1	113,7	154,2	87,8
chemical and petrochemical industry	111,6	109,7	110,2	117,3	125,2	121,8	112,5	111,2	113,7	135,7	113,5
production of chemicals	113,2	110,9	109,7	121,4	125,7	127,6	111,8	112,7	115,0	143,6	113,2
production of rubber and plastic products	105,9	107,4	112,0	107,0	124,3	107,3	115,3	106,7	110,3	115,1	115,2
production of other non-metallic mineral products	107,1	117,2	127,6	129,7	125,1	104,2	116,9	122,0	131,4	129,7	107,8
metallurgy and production of finished metal products	113,5	106,9	118,1	122,2	119,2	117,2	118,3	108,6	124,5	147,7	93,1
engineering	105,8	105,6	106,0	111,9	122,0	107,7	110,1	104,3	109,9	120,0	111,3
manufacture of machinery and equipment	102,4	111,6	107,3	109,2	121,1	109,1	114,4	106,3	110,0	115,5	114,7
manufacture of electrical, electronic and optical equipment	106,2	111,4	107,0	108,9	112,6	114,7	110,8	108,6	108,3	111,2	114,5
manufacture of transport vehicles and equipment	111,4	97,7	104,0	115,4	126,4	104,2	106,4	99,8	110,7	127,5	107,5
Production and distribution of electricity, gas and water	101,9	113,1	123,4	120,9	142,2	103,9	110,0	120,0	130,5	131,3	111,5

PRICES AND TARIFFS

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

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

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



PRICES AND TARIFFS

**4.9. Price indices for products sold by agricultural enterprises**

*(percent of the previous year)*

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

PRICES AND TARIFFS

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

(percent)

	2003	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
	Dec. over Dec. of the previous year						of the previous year				
<b>Total</b>	<b>107,4</b>	<b>126,0</b>	<b>123,4</b>	<b>125,4</b>	<b>130,1</b>	<b>108,6</b>	<b>125,6</b>	<b>123,5</b>	<b>123,1</b>	<b>135,3</b>	<b>111,3</b>
<b>By type of building and structure</b>											
Buildings	108,4	123,9	124,1	126,4	129,2	108,2	124,5	123,3	124,2	134,6	111,2
residential	108,6	122,1	124,1	126,4	129,3	107,8	122,5	122,4	124,8	133,6	111,5
non-residential	108,4	125,7	123,2	126,9	128,9	108,6	126,8	123,0	123,6	135,8	110,7
Structures	106,1	127,9	122,6	122,8	132,1	109,1	126,5	123,8	121,2	135,9	111,7
transport structures	105,7	130,2	121,7	127,9	130,9	107,5	131,2	121,6	121,6	139,9	110,5
pipelines, communication and power lines	110,6	129,8	129,5	124,4	133,5	115,3	118,9	130,7	125,4	137,5	115,4
complex industrial structures	102,3	127,1	118,2	122,0	133,9	106,8	131,0	120,3	119,1	136,0	111,7
other engineering structures	111,8	124,3	106,5	124,2	126,2	105,7	144,0	116,6	110,1	135,6	105,8
<b>By type of economic activity</b>											
Agriculture, hunting, forestry	108,5	134,0	111,8	126,1	130,0	112,4	142,4	119,4	117,6	140,0	109,5
Mining	100,1	128,8	114,8	121,5	138,3	105,8	135,9	116,6	120,1	139,0	110,2
Manufacturing	110,3	126,4	121,4	125,0	129,6	107,4	126,0	122,0	121,5	135,0	111,6
Production and distribution of electricity, gas and water	109,7	126,1	127,5	126,1	130,7	112,6	120,3	127,4	124,9	136,5	112,8
Hotels and restaurants	108,4	120,7	123,9	127,1	127,6	107,4	123,0	122,7	124,2	133,3	111,0
Transport and communications	109,0	131,8	127,6	124,9	133,4	113,4	123,9	128,7	124,4	138,2	114,2
Real estate transactions, renting, engineering and provision of services to businessmen	108,6	122,1	124,1	126,4	129,3	107,8	122,5	122,4	124,8	133,6	111,5
Public administration	106,5	121,2	126,0	126,3	128,7	107,9	120,2	122,8	125,3	133,5	110,8
Education	90,5	125,2	128,7	125,6	132,1	111,2	120,3	127,0	125,3	137,2	112,7
Health care and provision of social aid	110,4	121,4	127,0	127,9	128,5	106,7	121,8	124,6	125,7	133,8	110,9
Provision of communal and individual services; cultural and sporting activity	112,0	123,5	109,7	124,1	126,5	105,8	143,0	119,5	110,7	136,0	106,0

PRICES AND TARIFFS

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

(percent)

	2003	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
	Dec. over Dec. of the previous year						of the previous year				
<b>Total</b>	<b>102,3</b>	<b>99,6</b>	<b>97,7</b>	<b>100,0</b>	<b>101,9</b>	<b>103,0</b>	<b>99,4</b>	<b>98,9</b>	<b>98,9</b>	<b>101,4</b>	<b>103,1</b>
by type of services											
mail	100,0	111,0	100,0	100,0	131,7	123,9	104,1	106,7	100,0	125,6	130,0
local telephone	100,0	100,0	110,7	100,0	104,6	118,2	100,0	104,1	106,4	101,2	116,0
inter-city and international telephone	100,0	96,6	87,5	100,0	100,0	100,0	97,4	92,9	93,3	100,0	100,0
mobile	109,4	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

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

(percent)

	2003	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
	IV Q over IV Q of the previous year						of the previous year				
<b>All cargo</b>	<b>110,7</b>	<b>139,7</b>	<b>100,3</b>	<b>119,4</b>	<b>153,5</b>	<b>101,4</b>	<b>139,3</b>	<b>107,4</b>	<b>109,3</b>	<b>149,0</b>	<b>113,5</b>
Coal	107,3	132,0	100,0	120,6	150,9	105,3	128,2	103,0	109,8	143,1	120,3
Iron ore	107,9	119,2	100,0	120,7	142,7	99,9	127,2	104,2	109,9	148,9	105,2
Mineral and construction	105,0	164,1	100,0	120,7	164,6	102,7	159,2	113,5	109,9	156,2	115,6
Ferrous metals	110,0	150,0	100,0	120,6	149,9	100,4	150,9	109,1	109,9	148,5	111,1
Oil and refined products	127,0	140,4	100,0	116,9	162,2	100,2	136,9	107,8	108,1	151,6	115,9
Chemical and mineral fertilisers	107,0	138,3	100,0	100,0	150,5	96,8	136,0	107,4	100,0	135,9	108,1
Coke	107,0	119,2	100,0	120,7	143,7	107,8	130,0	100,9	109,9	149,9	111,4
Chemical <sup>1</sup>	107,0	150,0	100,0	120,7	157,6	100,7	148,9	109,1	109,8	149,4	116,5
Grain and milled products	103,3	138,8	105,7	120,7	159,3	96,0	137,7	112,0	109,8	151,1	112,4
Lumber <sup>2</sup>	107,0	150,0	100,0	120,7	157,6	103,8	148,9	109,1	109,9	149,4	119,2
Cement	105,0	150,0	100,0	120,7	164,6	100,8	147,1	109,1	109,8	156,2	116,5

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

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

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

(percent)

	2003	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
	IV Q over IV Q of the previous year						of the previous year				
<b>All cargo</b>	<b>83,5</b>	<b>100,1</b>	<b>141,4</b>	<b>105,8</b>	<b>120,6</b>	<b>107,3</b>	<b>100,9</b>	<b>134,6</b>	<b>113,2</b>	<b>107,5</b>	<b>108,3</b>
Oil	112,0	100,2	96,1	97,2	124,3	116,8	99,6	97,4	99,0	114,2	118,8
Gas	81,0	100,0	146,4	106,4	120,0	106,1	101,0	138,6	114,4	106,9	107,2

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

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

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

The Business register is an important component of Ukraine state statistics' infrastructure. The responsibility for the creation and maintenance of the Register rests with the State Statistics 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 functions of the Business register are:

- ensure a comprehensive, accurate and unified official record and the units' identification;

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

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

- obtain data from administrative sources for statistical observations;

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

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

New entries are classified according to their location, the organisational and the legal forms of business, types of the economic activities, etc., in line with state classifications. One of the main indicators for the stratification of the statistical information when designing statistical surveys is the code of the type of the economic activities. This Classification is based on the standard international classification for the types of the activities of the European Union, NACE Rev. 1.1.

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

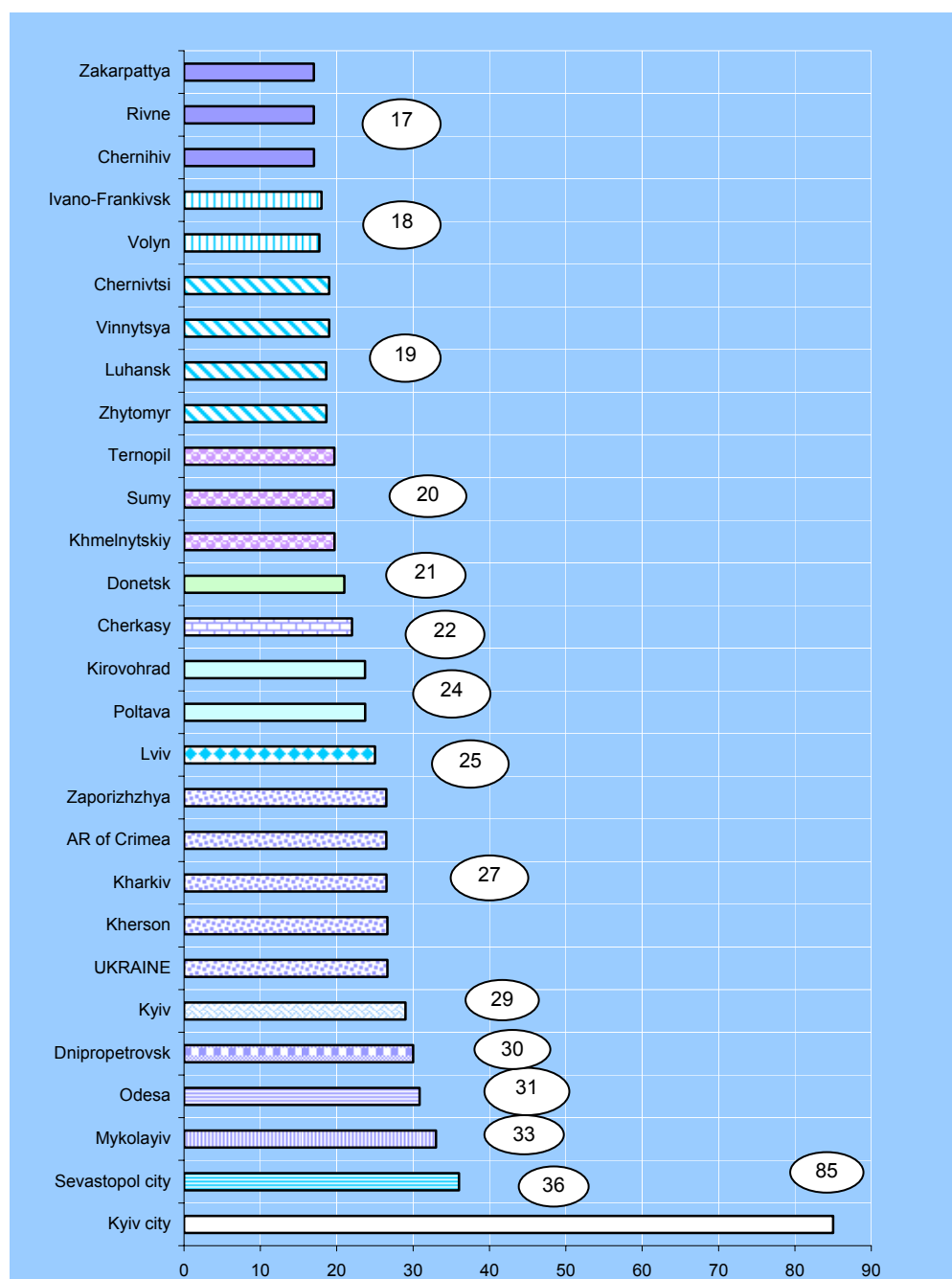
Data given in this section show the changes in the structure of the Business register units by regions, types of the economic activities, the organisation and the legal forms of business.

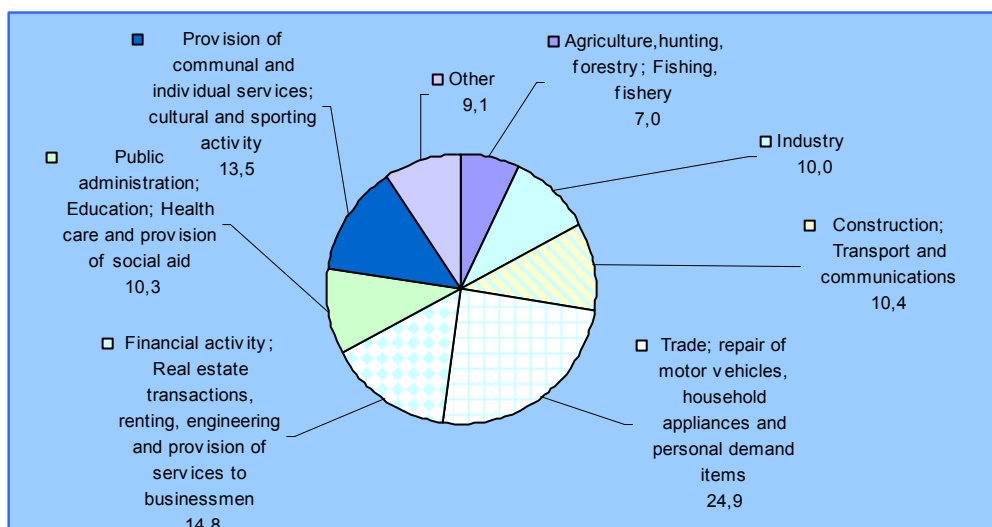
UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

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

(beginning of year)

	1997	2001	2003	2004	2005	2006	2007	2008	2009	2010
<b>Ukraine</b>	<b>615686</b>	<b>834886</b>	<b>935578</b>	<b>981054</b>	<b>1023396</b>	<b>1070705</b>	<b>1133200</b>	<b>1187020</b>	<b>1228888</b>	<b>1258513</b>
Autonomous Republic of Crimea	28409	34675	39419	41735	43381	45181	47593	49829	51305	52414
<b>oblasts</b>										
Vinnitsya	14997	19487	23074	24343	25292	26565	28453	29455	30268	30956
Volyn	9486	13294	14547	15103	15584	16181	17266	17960	18565	19149
Dnipropetrovsk	49896	67701	75862	79959	83771	87722	92382	96588	99511	101613
Donetsk	53549	68396	74284	76373	78575	80922	83955	87553	90006	92265
Zhytomyr	12182	16065	17858	18651	19401	20306	21933	23079	24100	24735
Zakarpattia	12304	15572	16728	16823	17124	17871	18979	19851	20513	20761
Zaporizhzhya	22274	31469	36689	39059	40844	42311	44357	46207	47209	48035
Ivano-Frankivsk	15163	19565	20855	21372	21714	22469	23331	23775	24055	24281
Kyiv	18285	27145	31774	33702	35960	38301	41871	45333	47947	49478
Kirovohrad	13968	17295	19294	20165	21024	21695	22718	23269	23750	24065
Luhansk	25462	31306	34195	35973	37445	39023	40772	42255	43465	44245
Lviv	33398	45085	49470	51696	53454	55421	58163	60391	62190	64277
Mykolayiv	20534	26196	30175	31623	32747	34133	35769	37386	38551	39235
Odesa	37585	51484	56688	58372	60796	64025	67857	71150	73787	75235
Poltava	20197	26935	29832	30924	31684	32612	34173	35178	35844	36289
Rivne	10622	14036	15129	15794	16354	16866	17576	18293	18946	19543
Sumy	13964	18379	20013	20683	21073	21679	22604	22855	23212	23412
Ternopil	11804	16447	17786	18289	18633	18996	20113	20527	20988	21261
Kharkiv	47671	57239	60990	63040	65391	68191	71050	72655	74114	74674
Kherson	16493	22499	24985	25811	26462	27019	28028	28624	29151	29616
Khmelnyskiy	12830	17845	20450	21542	22501	23306	24805	25726	26442	26848
Cherkasy	14095	18699	21163	22279	23144	24123	25814	26821	27669	28378
Chernivtsi	8834	11338	12012	12433	12919	13593	14687	15484	16026	16784
Chernihiv	10573	13814	15517	16458	17219	17736	18486	18693	19091	19365
<b>cities</b>										
Kyiv	74479	123584	147189	159517	171072	183866	198996	215449	228837	237720
Sevastopol	6632	9336	9600	9335	9832	10592	11469	12634	13346	13879

**5.2. Business register units, by region***(as of January 1, 2010; per 1000 population)*

**5.3. Business register units, by type of economic activity***(as of January 1, 2010; percent)***5.4. Business register units, by the legal status and type of economic activity***(as of January 1, 2010)*

	Total	Including	
		legal entities	branches
<b>Total</b>	<b>1258513</b>	<b>1200904</b>	<b>57609</b>
Agriculture, hunting, forestry	85471	84049	1422
Fishing	2064	2013	51
Industry	125303	119270	6033
mining	4921	4542	379
manufacturing	114726	110204	4522
production and distribution of electricity, gas and water	5656	4524	1132
Construction	90402	87628	2774
Trade; repair of motor vehicles, household appliances and personal demand items	313257	299094	14163
Hotels and restaurants	22340	21046	1294
Transport and communications	40608	36583	4025
Financial activity	18629	12991	5638
Real estate transactions, renting, engineering and provision of services to businessmen	167626	159108	8518
Public administration	51888	48833	3055
Education	45541	43168	2373
Health care and provision of social aid	33202	31314	1888
Provision of communal and individual services; cultural and sporting activity	170186	166019	4167

## UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

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

(beginning of year)

	1997	2001	2003	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	<b>615686</b>	<b>834886</b>	<b>935578</b>	<b>981054</b>	<b>1023396</b>	<b>1070705</b>	<b>1133200</b>	<b>1187020</b>	<b>1228888</b>	<b>1258513</b>
including										
farm	26980	38561	45781	46937	47800	48918	49801	50023	50126	49764
private enterprise	111644	192168	217780	229335	237980	248211	258536	270331	278574	283697
collective enterprise <sup>1</sup>	37666	40028	36134	34153	32817	31168	29330	27708	26564	25635
public enterprise	14158	9965	8469	8020	7752	7562	7359	7213	6975	6811
state-run enterprise	—	49	49	49	50	50	50	43	44	44
communal enterprise	12373	13713	15129	16066	16460	16688	16755	16636	16336	15994
subsidiary	5315	19140	22469	23598	23580	23127	22523	21648	20973	20408
foreign enterprise	1171	2446	2326	2285	2317	2315	2347	2323	2307	2272
enterprise, public association (religious organisation, trade union)	—	2355	3676	4051	4247	4369	4510	4590	4560	4568
enterprise founded by consumer partnership	—	—	—	421	616	860	1061	1167	1234	1291
leased enterprise <sup>1</sup>	3614	1741	1520	1450	1377	1330	1276	1222	1193	1162
joint venture <sup>1</sup>	9901	6798	6024	5605	5431	5291	5148	5068	5013	4954
joint-stock company	30922	34942	35016	34662	34571	33976	33084	31993	31100	30169
of which										
public	—	—	—	—	—	—	—	—	—	194
private	—	—	—	—	—	—	—	—	—	172
open	8883	12089	12137	11906	11730	11345	10895	10406	10058	9480
closed	18981	22100	22194	22089	22167	21948	21503	21098	20502	19649
limited liability company	147738	221905	261212	281105	302942	325925	351750	381205	404525	418145
extended liability company	718	719	698	689	694	700	696	730	761	782
full liability company	1640	1997	1994	1977	1988	1997	1985	1948	1939	2084
mixed liability company	653	799	727	703	694	690	673	654	642	631
cooperative	20094	29892	31388	29616	30229	30790	31429	33257	34324	35063
of which										
production	—	3107	2459	2506	2607	2556	2653	2602	2539	2461
serve	—	11100	13725	14719	15544	16645	17872	20270	21814	22620
consumer	—	—	—	—	59	215	323	424	531	591
agriculture and production	—	—	630	825	1020	1324	1364	1404	1418	1401
agriculture and serve	—	—	156	251	314	372	438	468	503	759



## UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

Table 5.5 continued

	1997	2001	2003	2004	2005	2006	2007	2008	2009	2010
organisation (establishment, institution)	28411	69382	75652	80277	83116	85821	100083	101817	104024	108552
of which										
state-run	—	—	—	—	21462	19313	17733	16801	16035	15786
communal	—	—	—	—	51731	53009	64252	63910	61450	65308
private	—	—	—	—	314	641	783	859	887	907
organisation (establishment, institution) public association (religious organi- sation, trade union, cooperation of consumers)	—	—	—	—	206	570	850	1036	1247	1393
association	1902	2516	2458	2497	2679	2751	2841	2953	3057	3125
corporation	332	609	717	761	798	824	842	849	862	866
consortium	51	57	62	66	77	80	84	84	89	92
concern	353	380	395	388	397	406	403	400	396	390
other associations of the legal persons	1194	2123	2115	2082	2061	1971	1880	1774	1717	1634
branch (another separated subdivision)	13409	44108	47597	48345	49902	51429	54238	55937	55322	52973
representative office	2222	2971	3271	3431	3596	3810	4031	4219	4317	4330
commodity exchange	—	—	—	—	105	221	302	411	503	559
credit union	—	—	—	—	435	737	938	1026	1097	1127
consumer partnership	2776	5103	5696	5759	5729	5656	5535	5403	5328	5252
union of consumer partnerships	565	666	676	625	589	524	482	452	428	404
not state pension fund	—	—	—	—	—	11	55	75	81	83
political party	360	5477	9596	10910	11408	13976	15459	16167	16719	17375
non-profit organisation	11360	29083	36593	40253	43152	46682	50706	54862	59321	63899
religious organisation	3521	12167	15099	16491	17639	18617	19706	20595	21425	22343
trade union, association of trade unions	1059	10965	13157	13507	14192	15639	17360	20405	22678	24649
creative union (other professional organisation)	—	21	92	139	156	180	204	216	235	240
charitable organisation	—	4525	6968	8143	8928	9590	10319	10988	11660	12267
condominium	—	—	—	2833	3430	4159	5295	6848	8549	10329
community association	—	—	117	231	348	425	604	888	1008	1152
population	—	—	117	231	348	425	604	888	1008	1152

<sup>1</sup> The current legislation does not provide for creation and official registration of the new enterprises with such the organisational and the legal forms

## 6. MATERIAL AND ENERGY RESOURCES

**Capital assets** are one of the main components of the national wealth of the country. They include land, buildings, premises, and transmitting devices, engineering and equipment, transport vehicles, tools, animals, perennial plants, draft and productive livestock, etc.

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

Since 2007, the value of fixed assets includes the value of long-term biological assets of livestock breeding and plant growing connected with agriculture activity. Since 2008, the value of fixed assets includes the value of investment real estate.

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

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

**The uses of energy materials and refinery processing products** (coal, crude oil, natural gas, peat for fuel, coal briquettes, heavy fuel oil, gasoline, etc.) for productive, communal and consumer needs are measured as the sum of expenditures of enterprises. These include expenditures for transformation into other types of fuel and energy; for non-energy purposes (as raw material, materials), for final consumption as well as expenditure on distributing, transporting and storing regardless of the sources of their supplies (whether they have been bought with own funds or received as raw materials for the processing).

**Proportion of fuel, heat energy and electricity inputs** includes fuel, heat and electric power inputs for basic and auxiliary technological processes of production, for the auxiliary needs of production (the general production shops' and plants' expenditure for heating, ventilation, light, etc.) and losses from the heat and electrical networks of the enterprises related to the production of the given products (operations). Proportions of the inputs are calculated as a ratio of actual general use of the fuels or energy for the production of the given type of products (operations) to the total amount of the produced products (or the performed work). Proportions of the inputs of fuels, heat energy and electric power is compiled per unit of the finished products on the basis of the data from the enterprises. Before 2004 figures are using nomenclature according to the *National Classifier of Products (NCP)*; from 2005, by the *Nomenclature of the Industrial Products (NIP)*.

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

MATERIAL AND ENERGY RESOURCES

**6.1. Capital assets in economy**

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

**6.2. Capital assets, by region**

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

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

MATERIAL AND ENERGY RESOURCES

**6.3. Capital assets, by type of economic activity**

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

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

MATERIAL AND ENERGY RESOURCES

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

*(percentage of the previous year)*

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

MATERIAL AND ENERGY RESOURCES

**6.5. Putting new capital assets into service, by region**

(at current prices; mln. UAH)

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

MATERIAL AND ENERGY RESOURCES

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

(at current prices; mln. UAH)

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

MATERIAL AND ENERGY RESOURCES

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

(percent)

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



MATERIAL AND ENERGY RESOURCES

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

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

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<sup>1</sup></b>	<b>2008</b>	<b>2917549,1</b>	<b>100</b>	<b>785102,8</b>	<b>26,9</b>	<b>1552395,1</b>	<b>53,2</b>
	<b>2009</b>	<b>2685002,8</b>	<b>100</b>	<b>676045,4</b>	<b>25,2</b>	<b>1411760,5</b>	<b>52,6</b>
Agriculture, hunting, forestry	2008	48717,2	100	28847,8	59,2	0,7	0,0
	2009	62140,2	100	38813,3	62,5	4,2	0,0
Industry	2008	856419,4	100	564183,8	65,9	90811,2	10,6
	2009	782935,6	100	482272,7	61,6	97746,8	12,5
Construction	2008	123676,9	100	92982,7	75,2	28,6	0,0
	2009	79507,5	100	58073,6	73,0	4,5	0,0
Trade; repair of motor vehicles, household appliances and personal demand items	2008	1408204,3	100	14300,9	1,0	1283251,7	91,1
	2009	1259733,5	100	15098,4	1,2	1131062,4	89,8
trade in motor vehicles and motorcycles, maintenance and servicing	2008	159963,2	100	2715,6	1,7	140948,5	88,1
	2009	95012,2	100	2438,3	2,6	80352,7	84,6
wholesale trade and sale intermediation	2008	1114646,1	100	8191,4	0,7	1035046,1	92,9
	2009	1013691,9	100	8997,3	0,9	928572,0	91,6
retail trade; repair of household appliances and personal demand items	2008	133595,0	100	3393,9	2,5	107257,1	80,3
	2009	151029,4	100	3662,8	2,4	122137,7	80,9
Hotels and restaurants	2008	11841,9	100	4780,1	40,4	952,5	8,0
	2009	12079,2	100	4830,6	40,0	1094,9	9,1
Transport and communications	2008	157186,7	100	45929,4	29,2	19506,9	12,4
	2009	164437,3	100	43749,1	26,6	19771,5	12,0
Financial activity	2008	123874,7	100	2210,1	1,8	103514,5	83,6
	2009	112775,1	100	961,3	0,8	93507,1	82,9
Real estate transactions, renting, engineering and provision of services to businessmen	2008	161944,6	100	26466,3	16,3	54179,7	33,5
	2009	181453,1	100	26026,1	14,4	68481,0	37,7
Education	2008	1670,8	100	251,0	15,0	—	—
	2009	1672,5	100	221,6	13,2	0,0	0,0
Health care and provision of social aid	2008	5403,2	100	2040,8	37,8	5,7	0,1
	2009	5958,5	100	2260,5	37,9	3,2	0,1
Provision of communal and individual services; cultural and sporting activity	2008	18197,9	100	2906,2	16,0	143,6	0,8
	2009	21748,3	100	3439,7	15,8	84,9	0,4

<sup>1</sup> In 2008, data is updated taking into account the changes of the major type of economic activity of enterprises. In 2009, data is resulted without taking into account changes of the major type of activity of enterprises

MATERIAL AND ENERGY RESOURCES

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

by components								Operational costs per unit of a sold product, kopecks/UAH
depreciation		expenses for remuneration of labor		social contributions		other operational costs		
mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %	
72805,0	2,5	175907,8	6,0	62795,2	2,2	268543,2	9,2	96,8
88486,1	3,3	167776,2	6,2	59696,9	2,2	281237,7	10,5	97,9
2861,6	5,9	8329,9	17,1	2017,1	4,1	6660,1	13,7	94,0
3699,5	5,9	8144,7	13,1	2407,7	3,9	9071,0	14,6	92,9
29161,9	3,4	76918,3	9,0	29352,6	3,4	65991,6	7,7	93,4
36257,5	4,6	73097,6	9,3	28098,9	3,6	65462,1	8,4	97,1
2550,5	2,1	11497,5	9,3	4223,7	3,4	12393,9	10,0	95,9
2418,0	3,0	6769,3	8,5	2503,9	3,2	9738,2	12,3	97,9
6504,6	0,5	22456,3	1,6	7727,4	0,5	73963,4	5,3	98,8
7306,5	0,6	21361,8	1,7	7029,4	0,5	77875,0	6,2	99,2
1572,9	1,0	3310,2	2,1	1119,7	0,7	10296,3	6,4	99,8
1287,7	1,3	2515,3	2,6	842,8	0,9	7575,4	8,0	95,9
3297,2	0,3	12328,2	1,1	4247,6	0,4	51535,6	4,6	98,5
4042,5	0,4	12162,5	1,2	3940,1	0,4	55977,5	5,5	98,9
1634,5	1,2	6817,9	5,1	2360,1	1,8	12131,5	9,1	99,6
1976,3	1,3	6684,0	4,4	2246,5	1,5	14322,1	9,5	103,0
681,4	5,8	2243,8	18,9	782,3	6,6	2401,8	20,3	105,0
750,4	6,2	2117,1	17,5	729,7	6,0	2556,5	21,2	110,2
16608,2	10,6	27567,7	17,5	9933,6	6,3	37640,9	24,0	92,5
19606,8	11,9	28585,6	17,4	10290,2	6,3	42434,1	25,8	90,6
504,3	0,4	2994,0	2,4	912,0	0,7	13739,8	11,1	100,2
547,2	0,5	2589,4	2,3	785,8	0,7	14384,3	12,8	100,9
11209,6	6,9	17620,5	10,9	5786,1	3,6	46682,4	28,8	100,0
14103,7	7,8	17972,1	9,9	5624,9	3,1	49245,3	27,1	96,1
87,9	5,3	635,7	38,0	224,9	13,5	471,3	28,2	105,8
128,5	7,7	655,7	39,2	214,1	12,8	452,6	27,1	103,8
431,8	8,0	1405,7	26,0	491,9	9,1	1027,3	19,0	106,5
460,9	7,7	1487,8	25,0	516,8	8,7	1229,3	20,6	103,7
2175,0	12,0	4137,5	22,7	1315,0	7,2	7520,6	41,3	106,6
3156,4	14,5	4894,5	22,5	1462,3	6,7	8710,5	40,1	129,3

MATERIAL AND ENERGY RESOURCES

**6.10. Electricity balance sheet**

(bln.kW·h)

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

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

**6.11. Consumption of energy materials and refinery processing products in 2009, by the selected type of economic activity**

	Consumption <sup>1</sup>	Share of consumption, by the selected economic activities, percent				
		agriculture, hunting, forestry	industry	construction	transport and communications	enterprises and organisations of other types of activity
<b>Total</b> , mln.t of conventional fuel	<b>169,7</b>	<b>1,6</b>	<b>75,3</b>	<b>0,5</b>	<b>3,5</b>	<b>2,0</b>
Coal, mln.t	63,0	0,1	96,6	0,0	0,2	1,1
Natural gas, bln.cub.m	50,1	1,2	56,1	0,2	6,3	2,4
Crude oil (including gas condensate), mln.t	11,3	—	99,9	0,1	—	—
Gasoline, thsd.t	4696,1	4,6	6,5	1,7	2,7	8,1
Gas oil (diesel fuel), thsd.t	5289,6	21,5	18,2	4,6	19,5	6,8
Heavy fuel oil, thsd.t	2100,5	0,2	96,4	0,8	2,0	0,7
Kerosene, thsd.t	239,9	0,1	5,1	0,0	90,4	3,1
Liquefied propane and butane, thsd.t	306,2	3,0	17,8	1,2	4,4	8,8
Oil and lubricants, thsd.t	252,7	10,8	73,0	2,3	10,0	2,3
Coal briquettes, thsd.t	4,4	0,3	21,3	0,6	0,3	75,2
Non-agglomerated fuel peat, thsd.t						
conventional moisture content	369,4	0,0	96,3	—	0,0	1,4
Firewood for the heating, thsd. densit cub.m	2656,8	1,0	5,0	0,5	1,1	18,2

<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	2002	2003	2004	2005 <sup>1</sup>	2006 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1</sup>
<b>Total, mln.t</b>											
of conventional fuel	325,9	186,1	144,9	146,0	155,1	155,8	170,0	174,3	175,7	166,4	137,7
of which, percent											
fuel for boilers and furnaces	67,1	65,6	69,4	70,0	70,2	69,5	69,5	69,6	69,9	68,9	68,1
thermal power	14,7	13,8	10,4	10,0	10,1	10,0	10,6	10,5	9,7	10,3	10,4
electric power	18,2	20,6	20,2	20,0	19,7	20,5	19,9	19,9	20,4	20,8	21,5

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

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

<sup>2</sup> Including of volumes of retails by filling 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 2009<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>62995,5</b>	<b>4,4</b>	<b>50143,5</b>	<b>4696,1</b>	<b>5289,6</b>	<b>2100,5</b>	<b>2656,8</b>
Autonomous Republic of Crimea	138,9	—	1405,1	215,3	178,1	27,9	64,9
<b>oblasts</b>							
Vinnitsya	1929,5	0,1	1296,8	144,9	191,5	19,9	76,7
Volyn	71,6	—	602,6	86,7	131,6	2,1	148,4
Dnipropetrovsk	9586,5	0,3	5693,7	369,5	467,2	65,3	23,6
Donetsk	27432,8	—	6359,4	325,0	372,3	165,9	48,1
Zhytomyr	30,1	0,0	920,0	106,8	115,3	0,7	351,3
Zakarpattia	45,5	0,6	842,9	130,4	139,2	2,2	163,0
Zaporizhzhya	3910,4	—	1851,2	197,5	188,8	26,8	26,5
Ivano-Frankivsk	3851,2	0,1	1789,6	107,4	119,3	30,2	38,5
Kyiv	1934,2	0,4	2366,2	312,6	274,3	91,9	112,2
Kirovohrad	102,2	1,3	593,1	99,7	131,1	21,8	48,5
Luhansk	8026,6	0,0	3221,5	159,3	160,0	816,0	71,9
Lviv	1160,0	—	2437,7	241,7	287,1	9,2	108,8
Mykolayiv	31,4	0,0	1203,6	108,5	173,2	77,0	26,6
Odesa	101,0	—	2041,8	292,4	325,9	60,5	40,0
Poltava	42,5	0,0	2780,7	156,7	463,4	115,7	40,0
Rivne	51,8	—	1043,6	73,2	115,9	0,4	128,4
Sumy	90,1	0,6	1416,4	97,1	104,4	5,4	143,6
Ternopil	23,9	—	809,3	79,8	114,9	0,0	45,9
Kharkiv	2822,7	—	3145,7	243,0	239,2	152,8	140,9
Kherson	62,2	0,0	540,7	125,0	152,5	10,8	185,3
Khmelnyskiy	346,5	1,0	981,1	119,1	145,0	1,5	96,6
Cherkasy	394,5	0,0	2246,1	148,9	165,3	0,9	98,3
Chernivtsi	34,3	0,0	460,3	76,0	89,3	0,5	149,3
Chernihiv	462,8	—	992,4	97,0	97,5	2,8	242,8
<b>cities</b>							
Kyiv	303,5	—	2899,1	544,3	321,0	378,8	35,3
Sevastopol	9,3	—	202,9	38,2	26,1	13,2	1,3

<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 2009,  
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>55,6</b>	<b>4,0</b>	<b>39,7</b>	<b>0,7</b>
Coal	100,0	91,5	2,4	6,0	0,0
Natural gas	100,0	33,6	7,7	56,7	2,0
Crude oil (including gas condensate)	100,0	99,7	0,1	0,0	0,1
Gasoline	100,0	0,0	0,0	100,0	0,0
Gas oil (diesel fuel)	100,0	3,6	0,1	96,3	0,0
Heavy fuel oil	100,0	90,9	0,4	8,6	0,0
Kerosene	100,0	—	1,5	98,5	0,0
Liquefied propane and butane	100,0	0,1	0,2	99,1	0,6
Oil and lubricants	100,0	—	96,8	3,2	0,0
Coal briquettes	100,0	59,1	7,3	33,5	—
Non-agglomerated fuel peat	100,0	70,6	5,8	21,1	2,5
Firewood for heating	100,0	12,7	1,2	86,1	0,0

<sup>1</sup> Including losses while processing

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

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

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
Output of secondary fuel energy resources, thsd.t of conventional fuel	18863,6	4535,2	7156,5	11044,8	11963,1	11119,2	11622,1	12460,6	11024,2	9317,3
Utilization rate, percent	82,8	93,6	92,3	89,5	88,7	87,3	88,8	88,3	87,7	86,5
Output of secondary heat energy resources, thsd. of Gcal	27029,4	11460,2	10073,0	13273,5	13223,1	13429,0	13512,9	14425,2	12634,9	8897,5
Utilization rate, percent	93,1	95,7	93,8	93,8	93,3	92,4	95,9	97,1	94,5	94,0

MATERIAL AND ENERGY RESOURCES

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

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
Worn tyres	33,0	3,1	6,8	6,7	8,2	7,8	7,6	8,0	13,8	13,7
Secondary waste polymer	50,2	9,8	5,3	10,1	13,2	15,2	20,2	28,0	33,5	21,4
Scrap metal, including ferrous metals, mln.t	27,2	9,7	15,9	14,6	16,3	15,6	16,5	17,5	15,2	11,3
Cullet	200,6	99,0	67,2	97,4	139,4	204,8	238,4	263,4	236,1	264,8
Secondary waste textile	135,6	21,6	11,7	9,6	9,3	9,4	8,7	9,0	9,9	7,8
Green vitriol	125,9	4,1	9,0	17,0	22,0	47,2	39,8	57,0	63,9	51,5
Sulphuric acid	126,4	40,3	77,5	42,2	56,7	57,7	59,9	56,0	48,9	12,1
Waste and refuse										
paper and cardboard <sup>1</sup>	640,2	189,4	292,3	446,3	462,7	521,0	570,1	644,0	652,3	519,1
wood, mln. densit cub.m	5,1	1,3	0,4	0,4	0,9	1,0	1,0	1,1	1,2	1,6
leather <sup>2</sup>	58,6	7,3	5,2	3,8	4,8	4,3	3,7	5,0	3,8	2,8
graphite-containing	30,6	9,5	13,2	13,8	8,1	10,2	9,7	9,2	8,9	7,2
iron-containing	5433,2	2886,1	3629,3	14613,7	13906,1	13907,3	4634,9	15696,3	12735,2	11805,7
lime	3412,0	726,3	367,8	932,1	1017,1	987,2	826,7	666,8	447,0	350,2
chalk	288,6	39,1	3,1	0,4	—	—	—	—	0,0	0,0
from coal mining and enrichment, mln.t	10,6	5,1	2,7	2,3	2,3	3,1	3,0	2,7	2,9	2,4
from construction output (concrete and ferroconcrete), thsd.cub.m	7,9	0,7	2,4	7,8	6,1	7,1	6,9	8,4	8,2	5,0

<sup>1</sup> In 1990–2000, waste

<sup>2</sup> In 1990–2000, secondary waste leather materials



## MATERIAL AND ENERGY RESOURCES

**6.18. Culling and spending of the basic material resources**

	Spent within a year			Culling left with the consumers and suppliers (as of January 1)		
	2005	2008	2009	2006	2009	2010
Finished rolled ferrous metals, thsd.t	4683,9	4166,1	3025,5	641,0	716,9	549,5
Pipes of large and small diameter, hollow shapes made of ferrous metals, thsd.t	473,0	443,3	287,7	194,1	220,9	174,4
Wire made of steel, thsd.t	107,9	135,8	86,5	37,7	15,1	11,7
Prefabricated construction structures made of cast iron and steel, thsd.t	59,9	48,6	28,3	16,2	11,2	12,5
Prefabricated construction structures made of aluminium, thsd.t	2,4	0,5	0,1	0,2	0,0	0,0
Aluminium rolled stock, thsd.t	26,8	46,4	39,2	9,1	8,0	7,8
Copper rolled stock, thsd.t	14,1	28,7	16,1	3,3	2,2	1,6
Brass-mill products, thsd.t	3,4	2,9	2,0	2,1	1,7	1,5
Bronze rolled stock, thsd.t	0,8	0,6	0,4	0,8	0,6	0,5
Green unalloyed primary aluminium, thsd.t	43,9	24,0	18,7	1,0	1,0	1,2
Green unalloyed secondary aluminium, thsd.t	31,0	33,3	29,0	5,6	4,9	5,1
Green zinc, thsd.t	31,3	22,0	16,1	1,6	1,4	2,3
Fine copper and green copper alloys; addition alloys based on copper, thsd.t	15,5	13,8	7,8	0,9	0,8	1,3
Sodium hydroxide (hydrate of sodium), thsd.t	232,9	211,3	156,1	10,1	10,0	7,1
Sodium carbonate (soda ash), thsd.t	371,9	398,9	306,8	16,2	17,0	10,9
Tyres for trucks and buses, thsd.pcs	441,0	462,6	298,8	92,9	100,2	82,8
Tyres for agricultural, forestry machinery and similar equipment, thsd.pcs	173,6	205,7	96,1	52,9	58,8	31,8
Tyres for cars, thsd.pcs	592,3	1084,5	340,4	80,8	160,9	126,0
Wood cut up or chopped more than 6 mm, thsd.cub.m	1618,4	1442,5	1298,1	194,1	259,0	183,5
Hardboards and other wood products, thsd. of conventional sq.m	3992,6	6429,0	4484,0	443,1	1177,5	1143,2
Cement, thsd.t	2832,3	4474,0	2542,9	198,1	368,7	253,1
Corrugated plates, asbestos sheeting and other asbestos cement products, mln.sq.m	36,4	57,9	26,9	10,0	11,7	7,2
Cast, rolled, blown or stretched, sheet or sectioned glass, thsd.sq.m	2709,9	2313,8	1447,1	992,5	936,4	724,5
Float glass and sheet glass with polished burnished surface, thsd.sq.m	481,3	6911,5	3296,1	145,7	873,7	537,7
Insulated, winding wire, thsd.t	24,8	9,5	10,1	3,1	2,1	1,8
Low-voltage electric wires and cables with 1000 voltage and less, thsd.km	347,0	257,9	258,5	135,9	146,7	130,3
High-voltage electric wires and cables with 1000 voltage and more, thsd.km	11,5	11,7	8,5	6,9	8,0	3,6

## 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 or recycled materials in production of raw material <sup>1</sup> , percent			
	2000	2005	2008	2009	2000	2005	2008	2009	2000	2005	2008	2009
<b>Total</b>	<b>184192,4</b>	<b>231189,5</b>	<b>278252,5</b>	<b>246381,7</b>	<b>41,2</b>	<b>65,0</b>	<b>43,5</b>	<b>42,5</b>	<b>43,4</b>	<b>8,3</b>	<b>7,7</b>	<b>6,9</b>
including												
waste polymer	9,6	21,0	32,1	25,8	55,6	72,4	100,0	83,0	1,9	8,7	9,9	9,4
waste textile	6,0	4,9	4,5	2,9	100,0	100,0	100,0	100,0	14,1	20,0	14,8	20,1
purchased cullet	39,5	106,8	99,1	89,4	100,0	100,0	100,0	100,0	1,3	1,6	1,8	1,1
industrial slag												
backshot cinder	12259,4	14141,1	14207,2	11796,5	62,3	66,6	65,4	52,5	0,6	—	—	2,0
steel smelting slag	4974,1	7073,7	7193,5	5668,0	39,2	82,3	69,5	98,1	2,8	13,0	10,1	12,0
ferroalloy slag	1121,7	1261,4	1189,1	661,1	65,2	98,9	86,8	81,9	—	—	—	—
cindery from thermal power stations and local boilers	10198,6	7952,7	8977,3	7801,6	10,1	20,0	12,0	10,5	4,7	7,2	11,8	12,8
waste and refuse												
paper and cardboard <sup>2</sup>	41,2	85,4	138,1	114,9	100,0	100,0	100,0	100,0	2,3	3,2	2,5	4,2
wood, thsd. densit cub.m	1378,8	1863,7	2166,1	1171,5	51,8	52,2	55,3	67,5	22,2	21,6	22,3	16,1
leather <sup>3</sup>	9,4	9,2	6,6	6,8	55,3	46,8	57,1	33,2	12,2	18,3	33,9	50,9
graphite containing	11,7	10,1	11,1	7,7	100,0	100,0	79,9	93,4	—	0,3	—	—
from coal mining and enrichment	34457,4	28191,9	31645,2	28083,8	8,0	11,1	9,3	8,4	100,0	20,6	17,2	10,5
from construction (concrete and ferroconcrete), thsd.cub.m	26,2	244,2	283,4	294,2	9,1	2,9	2,9	4,2	83,3	100,0	100,0	100,0
solid domestic	1459,1	3527,0	4369,9	4444,8	2,2	2,3	3,5	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	
	2008	2009	2008	2009	2008	2009
Supply of electric power produced by heat and power stations HPPs of general use, thsd.kW·h	330,1	336,9	—	—	—	—
Supply of electric power produced by HPP block stations, thsd.kW·h	396,2	378,8	996,9	997,0	—	—
Supply of electric power produced by HPPs not connected to electric power system, thsd.kW·h	190,9	184,1	—	—	—	—
Supply of electric power produced by thermal power stations of general use excluding HPPs, thsd.kW·h	399,0	397,1	—	—	—	—
Supply of electric power produced by thermal power stations not connected to electric power system, excluding HPPs, thsd.kW·h	190,8	269,2	—	—	—	—
Supply of heat power produced by power stations, Gcal	166,8	168,8	—	—	20,0	22,0
Supply of heat power produced by boilers, Gcal	164,6	164,3	—	—	31,1	32,1
Output of crude oil, t	14,8	16,5	36,8	39,1	90,0	98,7
Primary oil refining, t	37,6	38,5	108,5	107,4	28,0	28,8
Output of non-agglomerated hard coal, t	—	—	40,3	43,8	87,8	90,5
Output of non-agglomerated brown coal (lignite), t	—	—	215,9	—	169,8	2,1
Output of briquettes, pillets and other solid fuels made of brown coal (lignite), t	—	—	—	—	444,4	—
Output of non-agglomerated iron ores and concentrated products, t	—	—	—	—	104,0	108,0
Output of agglomerated iron ores and concentrated products excluding burnt pyrites, t	—	—	—	—	62,6	54,3
Output of processed pig iron, billet iron or other primary forms, t	634,9	633,1	48,7	46,9	13,8	14,5
Output of foundry iron, t	689,7	606,5	50,2	34,6	113,0	62,3
Output of carbon open-hearth steel for moulding, t	67,1	40,0	9,9	—	27,1	38,2
Output of ingots made of carbon open-hearth steel, t	109,0	97,8	28,4	26,8	16,6	17,0
Output of basic oxygen steel for moulding, t	2,1	4,6	40,5	2,6	34,4	38,3
Output of ingots made of carbon basic oxygen steel, t	2,9	2,7	16,0	13,9	29,7	31,5

MATERIAL AND ENERGY RESOURCES

Table 6.20 continued

	Conventional fuel, kg		Thermal power, Mcal		Electric energy, kW·h	
	2008	2009	2008	2009	2008	2009
Output of carbon electric steel for moulding, t	91,5	107,3	99,2	210,7	996,2	960,9
Output of ingots made of carbon electric steel, t	36,3	37,9	102,5	126,4	777,1	950,0
Production of not crooked rods, hot rolled and hot-drawn, forged from stainless steel angle bars and sections, t	426,6	445,8	127,0	155,1	1300,7	1319,8
Production of flat and hot rolled stock of non-alloyed steel (carbonic) and alloyed (excluding stainless and high-speed), t	100,3	90,1	22,2	19,5	107,3	112,8
Production of cold-rolled flat stock of non-alloyed steel (carbonic) and alloyed (excluding stainless and high-speed), 600 mm wide and more, t	19,1	40,7	299,6	285,8	131,1	140,3
Production of tin and tinned, chromium-plated or varnished flat stock, t	37,0	48,2	88,8	85,5	49,6	79,8
Production of electrolytic zinc plated flat stock 600 mm and more of carbonic and alloyed steel, t	44,3	49,8	186,0	209,8	122,9	131,8
Production of freely crooked hot-rolled rods of alloyed steel (excluding stainless and high-speed), t	54,1	57,6	14,8	15,2	111,3	116,5
Production of other bars and rods (not crooked), angle bars and shaped sections and special hot rolled of non-alloyed (carbonic) and alloyed steel (excluding stainless and high-speed), t	92,9	99,5	22,1	25,7	124,7	116,6
Production of hot-rolled sections of non-alloyed (carbonic) steel not less than 80 mm high, t	88,2	95,7	48,5	49,1	91,7	101,3
Production of railway constructions made of iron for railway tracks, t	198,4	—	393,3	253,0	51,5	53,0
Production of pipes of large and small diameters, hollow sections made of foundry iron, t	87,2	85,9	—	—	252,2	122,9
Output of large and small-diameter pipes, hollow profiles made of ferrous metals, t	149,8	119,9	140,9	167,4	217,7	223,4
Output of other rods and bars made of carbon steel, t	140,2	163,2	131,4	157,0	411,2	591,9
Output of angle bars and sections from non-alloyed (carbon) steel, bars and rolls cold-rolled from alloyed steel (excluding stainless), t	469,0	469,4	138,6	168,5	789,3	362,0
Production of steel wire, t	29,6	27,0	105,1	78,8	282,1	289,0
Output of ferroalloys, t	447,7	439,7	7,5	43,9	4060,3	4175,5
Output of hard coal coke and char, t	—	—	264,5	259,9	59,9	61,8

MATERIAL AND ENERGY RESOURCES

Table 6.20 continued

	Conventional fuel, kg		Thermal power, Mcal		Electric energy, kW·h	
	2008	2009	2008	2009	2008	2009
Output of raw (green) or unrefined sulphur (including extracted sulphur), t	218,1	271,9	2012,5	1581,8	546,9	513,8
Output of sublimated or precipitated sulphur, colloidal sulphur, t	—	—	710,0	710,0	202,0	202,0
Output of synthetic ammonia, t	—	—	282,5	263,4	262,0	263,3
Output of sulphuric acid, t	6,8	4,1	90,4	76,7	119,5	120,3
Output of soda ash (caustic ash), t	—	—	2206,0	2169,7	205,7	202,4
Output of sodium hydroxide (caustic soda), t	—	—	4063,7	4273,9	3425,5	3459,4
Output of mineral or chemical nitrogen fertilizers, t	156,7	128,8	512,1	960,6	86,0	141,1
Output of mineral or chemical phosphatic fertilizers, t	270,1	262,3	469,9	583,4	393,8	429,5
Output of synthetic fibers, t	—	—	4143,7	7491,7	5017,5	3407,3
Output of portland cement, aluminous, permetallnigical, clinker, and similar hydranlic cement, t	143,2	51,3	—	—	108,2	102,0
Output of quick lime, t	176,7	177,2	—	—	39,8	40,5
Output of construction ceramic non-firesafe bricks, thsd.pcs of conventional bricks	197,3	193,1	—	—	113,6	110,3
Output of silicate bricks, thsd. pcs of conventional bricks	—	—	357,7	352,3	47,1	53,6
Output of cast, rolled, blown or stretched, sheet or sectioned glass not processed through other method, sq.m	3,9	4,6	—	—	1,2	2,5
Output of fabrics, thsd.sq.m						
cotton	51,8	50,5	1207,1	1073,9	1170,2	1219,9
linen with 85% and more flax	—	—	1324,3	—	1126,2	351,4
linen with 85% and less flax combined with cotton	—	—	1331,1	—	1171,8	1166,7
Output of knitted hosiery produced by machines or handmade, thsd. pairs	88,9	59,2	598,6	467,7	382,6	262,5
Output of leather footwear, thsd. pairs	—	—	1279,1	959,4	1546,3	1422,7
Output of bakery, t	111,0	108,0	335,3	318,8	108,3	106,2

# MATERIAL AND ENERGY RESOURCES

Table 6.20 continued

	Conventional fuel, kg		Thermal power, Mcal		Electric energy, kW·h	
	2008	2009	2008	2009	2008	2009
Output of gingerbreads and similar products, sweet biscuits and waffles, t	96,0	93,8	237,5	236,0	215,2	216,9
Output of dried flatbread, rusk, toast bread and similar products, t	184,6	170,3	432,9	382,6	232,4	249,4
Output of cakes, confectionery products, other bakery products with sweeteners, t	141,5	149,1	476,0	373,0	411,5	382,8
Output of ready-made and canned meat products, offals based on meat or animal blood, extracts and juices made of meat, fish and water spineless species, t	—	—	755,8	533,7	259,3	245,7
Output of butter, t	153,8	—	2179,7	2101,7	185,6	209,1
Output of natural canned vegetables, t	218,7	225,0	983,7	829,1	102,7	106,2
Output of ready-made and canned fruit products, t	63,5	66,4	147,4	399,5	43,9	90,5
Output of non-denaturized ethyl alcohol with at least 80% of turns, dal	—	—	45,6	44,9	2,0	2,0
Activity of pipeline transport in transporting crude oil and oil products, thsd.tkm	—	—	—	—	7,1	8,2
Activity of pipeline transport in transporting gas, mln.cub.m-km	26,2	23,8	1,9	2,3	2,5	1,6
Services rendered by transport infrastructure for railway transport, 10 thsd.tkm (gross)	—	—	—	—	19,5	25,9

## 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	2003	2004	2005	2006	2007	2008	2009		2000	2003	2004	2005	2006	2007	2008	2009	
<b>Ukraine</b>	<b>385,3</b>	<b>298,9</b>	<b>304,7</b>	<b>289,1</b>	<b>298,6</b>	<b>299,4</b>	<b>306,2</b>	<b>311,5</b>	<b>0,3</b>	<b>0,4</b>	<b>0,4</b>	<b>0,6</b>	<b>0,7</b>	<b>0,4</b>	<b>0,4</b>	<b>0,3</b>		
including																		
<b>oblasts</b>																		
Vinnytsya	22,1	23,4	23,7	24,0	29,7	25,1	25,3	25,6	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	—	
Dnipropetrovsk	79,1	81,8	82,7	83,7	84,6	85,2	86,1	86,6	0,2	0,1	0,3	0,6	0,8	0,4	0,4	0,2		
Donetsk	128,4	69,7	72,4	74,8	77,5	79,9	82,7	85,4	0,0	0,6	0,6	0,4	0,7	0,2	0,2	0,2		
Zaporizhzhya	23,6	24,7	25,0	25,4	25,8	25,8	26,2	26,4	1,3	0,5	0,6	1,1	1,6	0,4	0,5	0,7		
Ivano-Frankivsk	28,5	30,2	30,7	31,4	32,3	33,2	34,0	34,6	0,3	0,6	0,2	0,3	0,2	0,3	0,3	0,3		
Luhansk	46,5	8,1	8,5	9,0	7,3	8,0	8,8	9,4	0,0	0,1	0,1	0,1	0,1	0,2	0,1	0,1		
Kharkiv	24,8	26,3	26,8	27,4	28,1	28,7	29,3	29,9	0,5	0,3	0,05	0,1	—	0,1	0,1	—		

## 7. INDUSTRY

**Industrial production index** is compiled in line with international standards. The index compilation is based on data on production progress according to a fixed set of representative goods (more than thousands of items) and the structure of gross value added over the base year (the base year is 2007). Every month the indices over the average monthly value of base year are produced using the Laspeyres' formula. The index does not include the activity on distribution of gas, heat energy, water, waste and scrap management and publishing.

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

The index compilation in Ukraine prior to 2007 (by region before 2009) is based on the chain-linked method on the basis of the monthly indices calculated using the data from enterprises on the value of output over the month at comparable prices.

Over the extended periods, industrial production indices are compiled using the chain-linked method, i.e. by multiplying the indices over the previous year for the needed period.

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

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

**Volume of industrial products (operations, services) sold** is calculated using the prices of final products (operations performed and services rendered) shipped outside the business that is mentioned in the processed documents which are used as a framework for settlement with a customer (client) (including products (operations, services) by barter contracts) less indirect taxes (tax on value added, excise tax, etc.). The products are considered sold after the documents are prepared regardless of whether payments for products have been made. Data on sales by type of industrial activity are compiled in line with functional principle (by homogeneous products).

### 7.1. Industrial production in the economy

	(percent)										
	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Share of gross industrial value added in total value added	36,0	34,6	31,4	30,8	30,3	28,5	30,9	31,7	31,2	30,1	26,6 <sup>1</sup>
Industrial fixed assets	32,4	31,5	34,4	35,2	35,3	36,9	35,9	33,5	32,3	24,1	24,9
Industrial products in total output (at basic prices)	50,7	47,4	47,0	48,4	48,4	48,0	47,8	46,5	45,3	44,5	40,7 <sup>1</sup>

<sup>1</sup> Preliminary data

## INDUSTRY

### 7.2. Basic indicators of industrial production

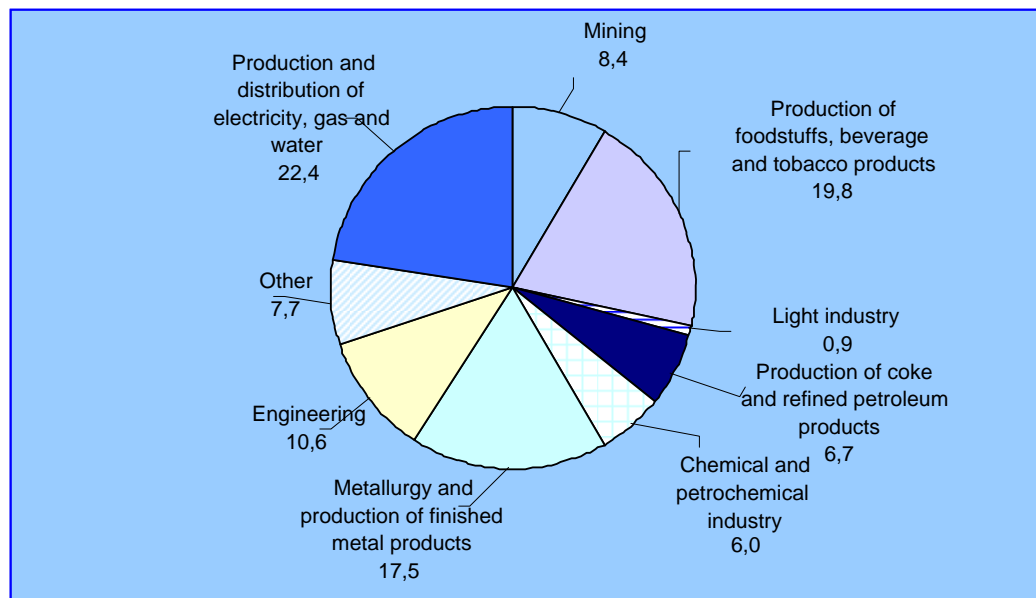
	2000	2002	2003	2004	2005	2006	2007	2008	2009
Industrial products sold, mln. UAH	182718,3	229634,4	289117,3	400757,1	468562,6	551729,0	717076,7	917035,5 <sup>1</sup>	806345,8 <sup>2</sup>
Industrial fixed assets (at current prices; end of year), mln. UAH	285328	339259	362598	420080	456738	525222	660369	760194	970942
Profitability of operations of manufacturing enterprises, percent	4,8	2,6	3,3	4,7	5,5	5,8	5,8	4,9 <sup>1</sup>	1,7 <sup>2</sup>
Share of loss-making enterprises, percent	42	42	40	38	37	35	33	39 <sup>1</sup>	41 <sup>2</sup>
Number of industrial employees, thsd.	4461,8	4063,5	3943,6	3941,2	3913,3	3851,9	3690,0	3527,1 <sup>1</sup>	3191,0 <sup>2</sup>
Average monthly wages of industrial employees, UAH	291,16	455,85	553,59	697,42	912,83	1144,59	1481,96	1936,93 <sup>1</sup>	2033,82 <sup>2</sup>

<sup>1</sup> Data is updated taking into account the changes of the major type of economic activity of enterprises

<sup>2</sup> Data is resulted without taking into account changes of the major type of activity of enterprises

### 7.3. Industrial products sold in 2009, by type of activity<sup>1</sup>

(percent of total)



<sup>1</sup> See the second footnote to Table 7.2



# INDUSTRY

## 7.4. Industrial production indices, by type of activity

(percent of the previous year)

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

## INDUSTRY

**7.5. Operational costs and costs per unit of output,**

	Year	Operational costs from sold products (operations, services)		Including			
				material costs		value of goods and services purchased for resale and sold without additional processing	
		mln. UAH	share, %	mln. UAH	share, %	mln. UAH	share, %
<b>Industry<sup>1</sup></b>	<b>2008</b>	<b>856419,4</b>	<b>100</b>	<b>564183,8</b>	<b>65,9</b>	<b>90811,2</b>	<b>10,6</b>
	<b>2009</b>	<b>782935,6</b>	<b>100</b>	<b>29715,2</b>	<b>61,6</b>	<b>97746,8</b>	<b>12,5</b>
Mining	2008	67464,0	100	32071,7	47,5	—	—
	2009	69026,0	100	29715,2	43,0	—	—
mining of fuel and energy minerals	2008	42340,5	100	17511,7	41,4	—	—
	2009	43918,7	100	16582,8	37,8	—	—
mining operations apart from fuel and energy materials	2008	25123,5	100	14560,0	58,0	—	—
	2009	25107,3	100	13132,4	52,3	—	—
Manufacturing	2008	628379,4	100	489824,3	78,0	—	—
	2009	536527,4	100	404864,2	75,5	—	—
including							
production of foodstuffs, beverages and tobacco products	2008	133675,0	100	101144,2	75,7	—	—
	2009	142946,1	100	109392,4	76,5	—	—
light industry	2008	8584,6	100	5094,9	59,3	—	—
	2009	7077,8	100	4083,6	57,7	—	—
textile industry; sewing of clothes, fur and fur articles	2008	6113,3	100	3232,5	52,9	—	—
	2009	5025,0	100	2597,1	51,7	—	—
production of leather, leather articles and other materials	2008	2471,3	100	1862,4	75,4	—	—
	2009	2052,8	100	1486,5	72,4	—	—
wood working and production of wood products apart from furniture	2008	6664,3	100	4568,8	68,5	—	—
	2009	6251,6	100	4140,2	66,2	—	—
cellulose and paper industry; printing	2008	19791,8	100	13620,5	68,8	—	—
	2009	20511,3	100	14177,2	69,1	—	—
production of coke and refined petroleum products	2008	62633,6	100	58133,0	92,8	—	—
	2009	53834,7	100	48100,6	89,4	—	—
chemical and petrochemical industry	2008	50671,7	100	38304,1	75,6	—	—
	2009	46814,4	100	34699,4	74,1	—	—
production of chemicals	2008	35491,0	100	26607,9	75,0	—	—
	2009	32904,4	100	24242,6	73,7	—	—
production of rubber and plastic products	2008	15180,7	100	11696,2	77,0	—	—
	2009	13910,0	100	10456,8	75,2	—	—
production of other non-metallic mineral products	2008	31646,1	100	21688,5	68,5	—	—
	2009	23240,9	100	15611,7	67,2	—	—
metallurgy and production of finished metal products	2008	184893,8	100	155208,7	83,9	—	—
	2009	147144,3	100	118265,5	80,4	—	—
engineering	2008	117164,6	100	82839,8	70,7	—	—
	2009	79099,5	100	49570,0	62,7	—	—
manufacture of machinery and equipment	2008	35174,3	100	21977,1	62,5	—	—
	2009	30808,6	100	18666,1	60,6	—	—
manufacture of electrical, electronic and optical equipment	2008	23934,7	100	15778,7	65,9	—	—
	2009	22239,9	100	14517,0	65,3	—	—
manufacture of transport vehicles and equipment	2008	58055,6	100	45084,0	77,7	—	—
	2009	26051,0	100	16386,9	62,9	—	—
Production and distribution of electricity, gas and water	2008	160576,0	100	42287,8	26,3	90811,2	56,6
	2009	177382,2	100	47693,3	26,9	97746,8	55,1

<sup>1</sup> In 2008, data is updated taking into account the changes of the major type of economic activity of enterprises. In 2009, data is resulted without taking into account changes of the major type of activity of enterprises

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, %	
29161,9	3,4	76918,3	9,0	29352,6	3,4	65991,6	7,7	93,4
36257,5	4,6	73097,6	9,3	28098,9	3,6	65462,1	8,4	97,1
5020,8	7,4	14891,5	22,1	6581,9	9,8	8898,1	13,2	78,7
7230,8	10,5	15420,0	22,3	7027,2	10,2	9632,8	14,0	102,6
3653,4	8,6	11187,1	26,4	5187,9	12,3	4800,4	11,3	99,0
4920,9	11,2	11948,4	27,2	5681,9	12,9	4784,7	10,9	120,6
1367,4	5,4	3704,4	14,7	1394,0	5,6	4097,7	16,3	58,5
2309,9	9,2	3471,6	13,8	1345,3	5,4	4848,1	19,3	81,3
18283,6	2,9	49650,4	7,9	18286,4	2,9	52334,7	8,3	94,0
22551,3	4,2	43644,4	8,1	15968,5	3,0	49499,0	9,2	96,1
4486,4	3,4	9586,6	7,2	3277,8	2,4	15180,0	11,3	95,6
5212,3	3,6	9554,1	6,7	3267,2	2,3	15520,1	10,9	89,6
293,9	3,4	1627,9	19,0	558,2	6,5	1009,7	11,8	104,7
307,3	4,3	1378,8	19,5	482,9	6,8	825,2	11,7	96,7
247,8	4,0	1356,6	22,2	463,4	7,6	813,0	13,3	108,1
254,6	5,1	1106,2	22,0	387,6	7,7	679,5	13,5	97,6
46,1	1,9	271,3	11,0	94,8	3,8	196,7	7,9	97,1
52,7	2,6	272,6	13,3	95,3	4,6	145,7	7,1	94,6
397,3	6,0	777,7	11,7	287,6	4,3	632,9	9,5	98,2
431,3	6,9	655,8	10,5	242,2	3,9	782,1	12,5	100,2
840,5	4,2	2068,0	10,5	704,5	3,6	2558,3	12,9	96,4
968,7	4,7	1870,9	9,1	627,5	3,1	2867,0	14,0	95,5
1045,5	1,7	1435,4	2,3	615,4	1,0	1404,3	2,2	94,7
1693,8	3,1	1512,5	2,8	595,4	1,1	1932,4	3,6	99,8
2022,2	4,0	4131,8	8,2	1584,0	3,1	4629,6	9,1	91,2
2226,1	4,8	3710,0	7,9	1388,3	3,0	4790,6	10,2	97,1
1375,8	3,9	2888,0	8,1	1137,0	3,2	3482,3	9,8	88,0
1500,5	4,5	2621,5	8,0	1008,4	3,1	3531,4	10,7	98,3
646,4	4,3	1243,8	8,2	447,0	2,9	1147,3	7,6	99,5
725,6	5,2	1088,5	7,8	379,9	2,7	1259,2	9,1	94,2
1471,7	4,6	3477,6	11,0	1282,0	4,1	3726,3	11,8	92,2
1714,5	7,4	2313,3	9,9	865,1	3,7	2736,3	11,8	96,1
4520,2	2,5	11200,3	6,1	4276,7	2,3	9687,9	5,2	91,5
6357,4	4,3	10181,2	6,9	3889,4	2,7	8450,8	5,7	104,0
2846,5	2,4	14003,4	11,9	5226,2	4,5	12248,7	10,5	96,2
3254,1	4,1	11513,9	14,5	4267,9	5,4	10493,6	13,3	92,6
1032,0	3,0	5990,3	17,0	2227,4	6,3	3947,5	11,2	94,4
1088,8	3,5	4919,9	16,0	1840,8	6,0	4293,0	13,9	90,7
701,7	3,0	3492,6	14,6	1251,0	5,2	2710,7	11,3	93,6
762,9	3,4	3074,5	13,8	1098,5	5,0	2787,0	12,5	91,7
1112,8	1,9	4520,5	7,8	1747,8	3,0	5590,5	9,6	98,5
1402,4	5,4	3519,5	13,5	1328,6	5,1	3413,6	13,1	95,9
5857,5	3,6	12376,4	7,7	4484,3	2,8	4758,8	3,0	98,6
6475,4	3,6	14033,2	7,9	5103,2	2,9	6330,3	3,6	98,1

INDUSTRY

**7.6. Industrial production indices, by region**

*(percent of the previous year)*

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

INDUSTRY

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

(percent of the previous year)

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

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

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>102,1</b>	<b>86,6</b>	<b>96,6</b>
including									
output of coke	102,7	96,8	115,7	107,1	87,5	99,8	106,8	94,9	89,2
output of refined petroleum products	179,6	135,1	106,7	101,8	85,6	82,2	99,7	81,9	101,3

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

(percent of the previous year)

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

INDUSTRY

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

(percent of the previous year)

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

INDUSTRY

**7.11. Capacity of electric power plants and output of electricity**

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

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

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

# INDUSTRY

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

(thsd.t)

	Cheese with high fat content	Flour	Granulated sugar		Wine "Champagne" <sup>1</sup> , mln.dal	Beer, mln.dal	Soft drinks, mln.dal	Carpeting, thsd.sq.m
			total	of which sugar beets				
1990	184	7671	6791	5388	3,7	138	151	3145
1995	73,5	5319	3894	3500	4,8	71,0	37,0	281
2000	67,5	3076	1780	1552	3,4	108	67,4	5189
2001	105	2984	1947	1657	3,5	131	85,3	4657
2002	129	2986	1621	1428	3,5	150	114	3873
2003	173	2827	2486	1456	3,3	170	125	4173
2004	224	2949	2147	1788	4,0	194	140	5099
2005	274	2944	2139	1900	4,4	238	169	5631
2006	217	2696	2592	2574	4,5	268	176	6219
2007	246	2908	1867	1867	4,5	316	196	7733
2008	236	3030	1571	1571	4,0	320	173	7105
2009	228	2735	1275	1271	4,2	300	147	4731

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

## 7.14. 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
1990	169	56,6	55,9
1995	37,9	27,3	32,8
2000	56,3	57,2	96,8
2001	79,9	74,7	116
2002	102	82,9	103
2003	114	93,4	128
2004	145	107	153
2005	173	111	165
2006	164	112	160
2007	178	122	170
2008	171	125	178
2009	109	120	163

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

## 7.15. Output of selected types of refined petroleum products

(mln.t)

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



# INDUSTRY

## 7.16. Output of selected types of chemical and petrochemical industry

(thsd.t)

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

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

## 7.17. Output of selected types of metallurgy industry

(mln.t)

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

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

## 7.18. Output of selected types of engineering

(thsd.pcs)

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

<sup>1</sup> See the footnote to Table 7.16

INDUSTRY

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

	2003	2004	2005	2006	2007	2008	2009
<b>Mining of fuel and energy minerals</b>							
Coal available, mln.t	59,8	59,4	60,4	61,7	58,9	59,5	55,0
Non-agglomerated fuel peat (conventional moisture), mln.t	0,6	0,5	0,6	0,5	0,4	0,4	0,4
Crude oil, mln.t	2,8	3,0	3,1	3,3	3,3	3,2	2,9
Gas condensate, mln.t	1,1	1,3	1,2	1,2	1,1	1,1	1,1
Oil-related gas, bln.cub.m	0,7	0,8	0,9	1,0	0,9	0,9	0,7
Natural gas, bln.cub.m	18,6	19,6	19,9	20,1	20,2	20,6	20,7
<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	72,7	66,5
Agglomerated iron ores and concentrates, mln.t	58,9	63,1	65,0	68,8	72,8	64,1	55,9
Plaster, thsd.t	325	338	381	376	743	1161	711
Limestone, mln.t	20,4	23,2	25,1	27,8	30,0	26,7	18,0
Chalk, mln.t	1,3	1,6	4,4	5,0	5,6	5,6	0,3
Natural sands, mln.cub.m	7,2	8,1	10,7	12,8	15,2	15,6	7,8
Pebbles, gravel, macadam and crushed stone, mln.cub.m	34,5	39,3	37,8	45,8	60,2	62,6	40,9
Kaolin and other kaolinite clay, thsd.t	1176	1468	1566	1731	2172	1775	1119
Salt and pure sodium chloride, thsd.t	3863	4393	4811	5996	5548	4425	5395
<b>Production of foodstuffs, beverages</b>							
Fresh (fresh-killed) or cooled beef and veal, thsd.t	186	141	143	156	160	128	94,3
Frozen beef and veal, thsd.t	97,9	57,0	50,1	43,9	61,5	39,4	26,9
Fresh (fresh-killed) or cooled pork, thsd.t	80,2	74,1	81,4	130	179	157	130
Frozen pork, thsd.t	18,9	13,9	18,0	25,4	24,0	14,2	5,4
Fresh (fresh-killed) or cooled mutton, thsd.t	0,8	0,7	0,5	0,4	0,5	0,5	0,4
Frozen mutton, thsd.t	0,5	0,2	0,1	0,05	0,01	—	—
Fresh or cooled meat and edible offal of poultry, thsd.t	131	201	274	327	458	572	649
Frozen meat and edible offal of poultry, thsd.t	38,5	39,8	57,9	90,5	90,1	82,3	90,1
Sausages, thsd.t	271	332	309	301	330	335	272
Poultry products and cans, thsd.t	4,2	3,2	3,9	4,0	4,2	4,6	3,1
Pork products and cans, thsd.t	3,1	3,4	4,7	4,7	5,4	5,3	2,7
Beef and veal products and cans, thsd.t	10,4	10,4	17,8	12,8	11,1	10,6	5,2
Ready-to-cook meat (including poultry) products <sup>1</sup> , thsd.t	72,5	220	142	149	178	93,9	73,3
Fruit and vegetable juices and nectars, thsd.t	400	473	672	744	1077	977	733
Natural canned vegetables, thsd.t	92,9	102	150	158	101	140	147
Jams, fruit jellies, fruit or nut purées and pastes, thsd.t	70,5	61,2	93,9	80,7	84,7	92,2	62,2
Unpurified sunflower seed oil, thsd.t	1257	1343	1382	2080	2228	1867	2796
Margarine and similar products, thsd.t	250	282	302	311	317	316	353
Processed skimmed milk, thsd.t	645	716	864	820	863	808	770
Cream fat content more than 8%, thsd.t	9,9	23,6	21,2	14,0	14,6	18,4	16,0
Butter, thsd.t	137 <sup>2</sup>	116	120	104	100	84,8	74,7
Fat spreads and mixtures, thsd.t	...	53,0	80,3	71,1	83,8	81,8	72,3
Fresh unfermented cheese and sour milk curd, thsd.t	57,7	71,3	83,5	93,2	92,6	91,9	84,8
Cheese with high fat content, thsd.t	173	224	274	217	246	236	228
Sour milk products, thsd.t	427	467	499	524	532	532	492
Flour, thsd.t	2827	2949	2944	2696	2908	3030	2735
Cereals, thsd.t	294	335	342	322	318	363	395

INDUSTRY

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009
Bread and flour products, thsd.t	2335	2307	2264	2160	2034	1978	1826
Cookies sweet and wafers, thsd.t	272	285	314	337	358	373	339
Granulated sugar, thsd.t	2486	2147	2139	2592	1867	1571	1275
of which sugar beets	1456	1788	1900	2574	1867	1571	1271
Chocolate and other cocoa products in briquettes, plates or bars, thsd.t	205	244	283	303	329	346	330
Sugar confectionery (including white chocolate) without cocoa content, thsd.t	293	310	285	241	256	250	266
Macaroni products without filling and heat processing, thsd.t	110	99,7	104	108	107	113	107
Natural mineral spring waters, mln.dal	6,5	7,7	14,8	15,7	30,5	35,4	28,5
Fizzy natural mineral waters, mln.dal	79,3	77,3	100	115	130	120	102
Soft drinks, mln.dal	125	140	169	176	196	173	147
<b>Light industry</b>							
Textiles, mln.sq.m	76,3	107,5	113,5	99,9	114,3	109,1	86,8
of which							
cotton	34,4	45,1	53,0	42,7	52,1	48,3	34,5
wool	5,2	8,3	8,3	8,1	7,0	6,6	4,0
linen	0,5	8,6	2,0	1,8	1,6	0,5	... <sup>3</sup>
fleecy, terry and other special textiles	6,7	7,0	6,2	2,5	1,7	2,8	1,1
those made of chemical fibres	29,5	38,1	44,1	44,8	51,8	49,5	46,8
Bed linen, mln.pcs	10,5	11,1	12,0	13,3	16,1	12,4	9,2
Carpeting, thsd.sq.m	4173	5099	5631	6219	7733	7105	4731
Nonwoven fabrics and nonwoven fabric articles, thsd.t	6,8	8,8	11,6	14,7	16,1	16,6	14,5
Cotton wool, viscose and other types, wool articles, thsd.t	4,9	6,1	6,7	12,1	15,1	18,8	17,6
Man-made or machine-made knitted fabrics, thsd.t	5,3	6,3	5,9	5,7	4,7	3,0	2,8
Knitted hosiery produced by knitting machines or handmade, mln. pairs	43,3	51,4	55,5	53,8	60,3	61,7	59,5
Sweaters, jumpers, pull-overs, waistcoats and similar knitted wear produced by knitting machines or handmade, mln.pcs	6,3	5,0	5,0	4,8	3,8	2,3	1,5
Knitted outerwear, mln.pcs	3,8	4,7	4,5	5,9	4,2	4,4	3,1
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for men and boys, thsd.pcs	875	615	649	630	534	376	399
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for women and girls, thsd.pcs	3277	3637	3346	2675	2541	2512	1783
Suits for men and boys, thsd.pcs	1567	1860	1608	1344	1107	1000	632
Suits for women and girls, thsd.pcs	604	837	893	730	524	496	317
Warm anoraks (including ski), raincoats, windbreakers and similar products for men and boys, thsd.pcs	539	320	334	337	323	181	125
Windbreakers and similar products for women and girls, thsd.pcs	558	588	328	222	251	286	200
Jackets, blazers, pullovers and similar products for men and boys, thsd.pcs	1417	1615	1917	1815	1394	1081	782
Jackets, blazers, pullovers and similar products for women and girls, thsd.pcs	4123	4772	4644	4115	3725	2527	2036

## INDUSTRY

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009
Trousers and breechers for men and boys, thsd.pcs	6504	8223	7371	6933	6436	5513	4671
Trousers and breechers for women and girls, thsd.pcs	10559	10354	8519	7582	5988	5207	3255
Gowns and sun-dresses for women and girls, thsd.pcs	1167	1209	1264	916	961	1046	1340
Skirts and culottes for women and girls, thsd.pcs	3579	3409	2825	3042	1976	1594	1400
Shirts for men and boys, thsd.pcs	3187	2792	2663	2626	2518	2165	1413
Blouses, tunics, chemises for women and girls, thsd.pcs	6825	5289	4583	4280	4006	3588	2939
Knitted underwear, mln.pcs	18,8	25,6	26,9	30,7	31,2	22,7	16,8
Suitcases, traveling bags, bags for cosmetics and toiletry, carrier bags, bags for men and the young, soft covers for clothes, brief cases, satchels and other, thsd.pcs	3683	5211	4069	4193	4817	5131	4717
Ladies' bags from different materials, thsd.pcs	939	879	771	566	1390	1480	1169
Belts, ammunition belts and other leather products, thsd.pcs	1,0	20,4	...	...	...	52,2	21,4
Footwear, mln. pairs	20,3	21,7	20,5	21,2	22,5	22,2	20,4
<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	2,3	1,7
Non-coniferous wood blocks, strips and friezes for parquet or wood block flooring, continuously shaped, unassembled, thsd.sq.m	1171	1781	2338	2306	2735	3997	3367
Plywood, thsd.cub.m	114	145	173	164	178	171	109
Unprocessed particleboard, thsd. conventional cub.m	732	975	1150	1329	1641	1622	1295
Peeled veneer, thsd.cub.m	43,5	53,6	52,7	51,9	57,6	43,8	29,6
Planed veneer, mln.sq.m	14,2	21,7	23,8	26,3	37,5	31,9	30,0
Windows, doors, their frames and thresholds, of wood, mln.sq.m	1,1	1,5	2,4	3,1	3,7	3,8	2,2
Panel parquet, thsd.sq.m	355	400	418	567	676	637	537
<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	39,1	29,2
Paper for household, sanitary and hygiene purposes, thsd.t	93,4	107	111	112	122	125	120
Special uncoated paper and cardboard, cigarette paper not cut by size, thsd.t	249	287	318	318	385	388	363
Boxes, cabinets and bags from crinkled paper and cardboard, mln.sq.m	437	548	657	742	857	856	783
Boxes, cabinets and bags from noncrinkled paper and cardboard, mln.sq.m	75,2	72,1	84,3	79,4	85,5	91,2	73,6
Wallpaper and similar coverings from paper, mln. conventional pcs	128	153	165	160	170	178	163
Exercise-books, mln.pcs	358	369	490	687	841	663	344
Printing newspapers, magazines, and periodicals published 4 times per week, mln. copies of 4 columns newspapers, A2 format	759	875	907	1369	1715	1537	755
Printing books, mln. copies, 60×90 cm format	1215	1407	1621	1887	1866	2550	2072
Printing newspapers published less than 4 times per week, mln. copies of 4 columns newspapers, A2 format	2852	3676	3677	4175	4018	4249	3421
Printing magazines and periodicals published less than 4 times per week, mln. copies, 60×90 cm format	2035	2954	1335	1585	1908	1819	1363

INDUSTRY

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009
<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	19,5	17,4
Coal-tar pitch, thsd.t	1015	1029	876	910	934	881	785
Primary oil processing, mln.t	21,9	22,0	18,4	14,4	13,9	10,3	10,8
Petrol for motor vehicles with 0,013 g/L of lead content and less, mln.t	4,3	5,0	4,6	3,9	4,2	3,2	3,3
Diesel fuel for motor vehicles and rail, mln.t	6,3	6,3	5,3	4,3	4,1	3,7	3,9
Heavy fuel oil, mln.t	8,0	7,8	5,9	3,8	3,5	2,5	2,6
Lubrications, other oils, thsd.t	180	214	176	210	214	188	103
Liquefied propane and butane, thsd.t	722	754	766	758	824	727	733
Oil paraffin, thsd.t	15,7	13,9	11,0	13,0	12,2	12,2	... <sup>3</sup>
Oil asphalt and shore bitumen, thsd.t	386	395	448	512	577	448	349
<b>Chemical and petrochemical industry</b>							
Synthetic paints, t	4954	5717	1708	2773	4599	4713	5144
Metalloids, thsd.t	151	178	206	184	192	165	106
Sulphuric acid, thsd.t	1133	1425	1606	1493	1657	1479	890
Sodium hydroxide (soda caustic), thsd.t	160	210	209	183	135	87,8	77,9
Synthetic ammonia, thsd.t	4775	4779	5214	5147	5139	4890	3033
Nitric mineral or chemical fertilizers, thsd.t	2470	2407	2633	2566	2840	2689	2166
Potassium mineral or chemical fertilizers, thsd.t	... <sup>3</sup>	8,7	11,0	6,4	7,4	14,3	4,4
Plastics in original forms, thsd.t	305	377	397	458	516	439	313
Polymer based paints and varnishes dissolved in water, thsd.t	38,3	46,1	58,0	62,6	79,9	90,5	73,8
Polymer-based paints and varnishes dispersed or made soluble in nonwater medium, thsd.t	134	150	164	155	168	145	110
Antibiotics-based medicines, t	1324	1350	1331	805	863	797	857
Hormone-based medicines, t	77,2	90,3	105	89,1	122	115	98,7
Other medicines (alkaloid-based with vitamins or provitamins, etc.), thsd.t	22,5	27,1	28,3	28,9	30,4	27,4	28,3
Immunized sera and other blood fractions, t	15,4	17,0	15,1	14,1	16,0	17,2	16,0
Contrast preparations for X-ray researches, diagnostic reagents, etc., t	13,8	20,2	21,2	21,9	27,5	28,0	27,7
Soaps and active organic preparations to be used as soaps, thsd.t	66,9	62,0	60,1	54,6	53,8	52,8	52,6
Preparations for cleaning surfaces sold through retail, t	2271	2310	2338	1441	2680	2479	2703
Detergents and cleansers for retail, thsd.t	144	161	176	184	195	196	189
Lustre preparations, t	2348	1877	1147	1686	1662	1651	1141
Tooth pastes and tooth powders, t	522	675	390	327	335	278	383
Chemical fibres, thsd.t	30,7	36,6	40,1	39,9	40,3	34,8	15,7
Tyres, thsd.pcs	6594	7940	7531	9245	7411	6631	4805
of which							
for trucks and buses, air transport	... <sup>3</sup>	901	1053	866	824	662	301
for agricultural, forestry machinery and other equipment	320	844	946	3120	2597	1943	1434
Tubes, pipes, hoses and hard fittings made of polymers of ethylene, propylene, vinyl chloride and other types of plastics, thsd.t	105	140	193	228	270	241	188
Sacks and bags (including cone-shaped) of polymers of ethylene, thsd.t	19,1	27,2	33,3	44,4	55,1	63,4	61,1

## INDUSTRY

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009
<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>	... <sup>3</sup>	... <sup>3</sup>
Multiple-layer insulating units of glass, thsd.sq.m	203	395	909	1709	2286	3038	1944
Glass preserving jars (in terms of 0,5 litre), mln.pcs	922	1003	840	863	1045	799	654
Glass containers for beverages and foodstuffs, mln.pcs	1216	1604	1950	2196	2417	2932	2176
Tableware, kitchenware, other household chinaware, mln.pcs	96,0	102	99,3	79,1	57,8	32,1	21,5
Refractory products, thsd.t	1167	1352	1290	1116	1128	948	581
Ceramic slabs and tiles, mln.sq.m	12,9	17,0	20,6	22,1	28,6	41,3	44,3
Cement, mln.t	8,9	10,6	12,2	13,7	15,0	14,9	9,5
Lime, thsd.t	4962	5302	5342	5450	5688	5128	4101
Blocks and bricks of cement, artificial stone or concrete meant for building, bln.pcs of conventional bricks	1,5	1,7	1,8	2,0	2,2	2,1	1,1
Ceramic construction non-fire bricks, bln.pcs of conventional bricks	1,6	1,8	1,9	2,1	2,3	2,2	1,1
Elements (cement, concrete or artificial stone) of prefabricated structures for construction, mln.cub.m	2,5	2,8	3,2	3,7	4,6	3,8	1,8
Corrugated sheets, slates and similar asbestos and cement products, mln. conventional plates	733	716	811	748	632	599	389
Articles of asphalt or similar material in rolls, mln.sq.m	46,2	50,7	56,2	56,6	55,5	50,4	33,9
Slag wool, mineral silicate wool and similar mineral wool (including mixtures) in blocks, sheets or rolls, thsd.cub.m	296	293	191	187	252	212	439
<b>Metallurgy and production of finished metal products</b>							
Cast iron, mln.t	29,5	31,0	30,7	32,9	35,6	31,0	25,7
Ferroalloy, mln.t	1,7	2,0	1,7	1,8	2,0	1,7	1,2
Steel without semi-finished products produced through continuous casting, mln.t	28,9	28,9	27,9	27,9	29,0	23,3	15,7
Semi-finished products produced through continuous casting, mln.t	8,7	10,5	11,4	13,7	14,7	14,8	14,6
Finished rolled ferrous metals, mln.t	22,5	23,2	22,7	22,4	24,5	20,5	16,1
of which							
flat and hot rolled stock of alloyed and non-alloyed steel (excluding stainless and high-speed)	9,4	10,3	10,5	10,2	10,8	9,1	7,2
rods and bars (not crooked), angle bars, and shaped and special hot rolled sections of alloyed and non-alloyed steel (excluding stainless and high-speed)	5,8	5,9	5,5	5,8	6,4	5,5	3,8
Pipes of large and small diameters, hollow sections made of ferrous metals, mln.t	2,1	2,1	2,4	2,8	2,8	2,5	1,7
Cold-rolled, folded products of non-alloy steel, mln.t	0,1	0,2	0,2	0,3	0,4	0,4	0,2
Steel wire, mln.t	0,4	0,6	0,5	0,5	0,6	0,5	0,4
Prefabricated construction metal elements, thsd.t	78,4	114	102	127	151	151	103
Other structures, parts of structures, plates, panels and similar products of iron or aluminium, thsd.t	493	503	533	536	651	639	334
Reservoirs, tanks of steel, of capacity exceeding 300 L, thsd.t	47,9	38,2	23,8	35,1	40,4	35,2	23,3
Central heating radiators without electric heating produced from ferrous metals, thsd.t	33,4	30,8	30,5	31,5	30,7	18,5	3,2
Central heating boilers, thsd.pcs	151	280	371	427	348	329	216
Steam or other steam generating boilers; boilers that use superheated water, thsd.pcs	0,3	7,7	14,4	5,1	1,2	1,6	0,8
Thread products from ferrous metals, thsd.t	34,7	43,8	50,5	50,2	53,6	48,6	33,2

INDUSTRY

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009
<b>Engineering</b>							
Linear acting hydraulic and pneumatic power engines and motors, thsd.pcs	183	257	326	401	496	662	248
Rotary positive displacement pumps, thsd.pcs	1216	1269	1137	1079	1251	1196	794
Aligned pumps for liquids, liquid elevators, thsd.pcs	544	542	464	455	443	273	235
Ovens and electric ovens for confectioneries, pcs	224	390	349	215	533	514	267
Bridge cranes on fixed bearings, pcs	95	141	102	232	235	200	89
Other cranes (portable and bridge gantries, dockside cranes, marine derrick cranes), pcs	285	272	322	311	352	372	164
Conveyors and elevators, pcs	3074	4324	5203	5679	6550	5495	3689
Industrial refrigerating and freezing equipment and heat pumps, thsd.pcs	107	141	146	170	173	153	108
Tractors for agriculture and forestry, pcs	4556	5806	5543	3703	5282	6339	1445
Moldboard plows, pcs	4285	5192	3058	2542	3025	7064	5336
Disk harrows, pcs	2090	4101	4520	4421	5751	5517	1084
Spike-tooth harrows, thsd.pcs	10,0	17,3	20,4	13,8	18,6	26,4	5,0
Rippers and cultivators, thsd.pcs	7,7	8,9	8,0	11,5	9,2	10,4	4,6
Seeding machines, thsd.pcs	8,0	9,9	11,3	9,0	7,1	9,9	2,5
Mowing machines, thsd.pcs	1,5	3,1	3,8	3,2	3,1	3,4	1,6
Grain harvester combines, pcs	101	305	308	... <sup>3</sup>	137	309	56
Sugar beets harvesters and machinery for trimming sugar tops, pcs	398	109	88	201	18	... <sup>3</sup>	—
Machines and mechanisms for feed preparation, thsd.pcs	47,2	66,3	107	101	72,8	87,4	166
Lathes, grinders, drillers, milling machines, pcs	378	496	409	289	336	307	97
Presses and forge machines, pcs	298	165	99	161	160	116	44
Lathes for wood processing, pcs	3743	4165	3722	3554	3160	2466	1419
Converters and casting machines, casting forms and buckets used in metallurgy and foundry production, thsd.pcs	13,7	12,7	11,2	10,5	12,8	10,0	5,3
Rollers for rolling mills, thsd.pcs	...	...	11,0	17,6	20,0	19,7	6,4
Elevators, conveyers and lifts of continuous, operation for underground working, thsd.pcs	17,9	10,3	26,6	18,2	13,2	6,6	1,6
Boring and sinking machines, pcs	1047	2601	3203	3456	3145	2684	1061
Front bucket loaders, special loaders for underground work, pcs	28	9	23	38	15	17	6
Excavating machines, pcs	378	599	584	813	1044	921	143
Concrete mixers and mortar mixers, pcs	1567	2530	2861	6248	10286	11314	4773
Machines and equipment for production of bakery products, pcs	9302	7426	6689	4848	3552	3431	2668
Machines and equipment for producing confectionery, cacao or chocolate, pcs	291	245	374	1079	1793	1245	504
Machines and equipment for sugar production, pcs	388	441	543	1018	1768	447	222
Machines and equipment for processing meat and poultry, pcs	1103	509	489	6605	7016	7346	6662
Refrigerators and deep freezers combined with separate outer doors, thsd.pcs	504	581	711	731	824	557	325
Domestic refrigerators, thsd.pcs	284	269	242	338	310	222	157
Washing machines, thsd.pcs	251	345	322	208	173	230	164

INDUSTRY

Table 7.19 continued

	2003	2004	2005	2006	2007	2008	2009
Domestic fans, thsd.pcs	666	952	1478	1947	2210	2831	2317
Domestic vacuum cleaners, thsd.pcs	66,4	53,3	37,5	9,2	1,2	... <sup>3</sup>	—
Appliances for cutting foodstuffs, mixers and squeezers, thsd.pcs	67,6	78,3	90,6	54,6	70,8	61,1	62,0
Domestic electric irons, thsd.pcs	138	95,1	49,8	... <sup>3</sup>	... <sup>3</sup>	—	—
Electric ranges, cooking boilers and domestic mantelpieces for heating up meals, thsd.pcs	299	404	493	458	344	472	419
Dc motors and dc generators, thsd.pcs	140	119	148	290	327	91,8	53,0
Ac motors and ac generators, universal motors, thsd.pcs	873	1155	913	706	670	602	460
Electric transformers, mln.pcs	8,4	8,0	7,9	13,1	19,5	17,4	12,2
High-Tension electrical facilities, thsd.pcs	350	478	682	613	573	399	529
Low-Tension electrical facilities, mln.pcs	82,9	80,6	69,5	78,5	75,9	67,4	51,2
Winding insulated wire, thsd.t	7,9	9,6	10,9	12,0	15,4	17,0	10,4
Low-voltage electric wires and cables with 1000 voltage and less, thsd.km	382	421	479	481	591	562	384
Electric wires and cables with 1000 voltage and more, thsd.km	7,6	12,7	21,2	14,2	19,1	20,1	10,1
Electric lamps, mln.pcs	219	263	254	255	240	203	165
Semiconductor items, mln.pcs	47,2	18,3	28,7	32,1	25,6	24,3	24,9
TV sets, thsd.pcs	415	443	651	431	507	558	238
Instruments for measuring physical or chemical analysis, thsd.pcs	3948	5132	5613	7104	8136	8928	5359
Wattmeters including calibrating, thsd.pcs	638	1066	946	1094	1317	1624	1586
Devices and facilities for automatic regulation and management, thsd.pcs	334	620	1093	1577	1887	1715	363
Motor cars, thsd.pcs	98,3	174	192	267	380	402	65,7
Trucks, thsd.pcs	4,7	10,9	14,0	12,1	11,4	11,8	2,5
Buses, pcs	2558	2598	4655	7660	9127	10188	1502
Trolley-buses, pcs	35	80	58	121	241	154	24
Rail locomotives and tenders for locomotives, pcs	61	124	107	73	90	147	47
Nonself-propelled trucks, thsd.pcs	22,7	23,0	21,6	19,9	31,5	30,2	12,7
Truck cranes, pcs	126	235	382	506	812	699	... <sup>3</sup>
Trailers, and semitrailers (exclusing housing and for tourism), thsd.pcs	18,4	20,3	21,5	23,6	30,8	32,7	23,1
Bicycles, thsd.pcs	281	250	312	392	373	381	162
<b>Production of furniture</b>							
Special furniture for sitting (mainly with metal frame), thsd.pcs	3100	4266	5180	5614	7096	6563	3841
Furniture for sitting (mainly with wood frame), thsd.pcs	1177	1498	1819	1972	2059	1999	1424
Office furniture, furniture for retail trade enterprises, thsd.pcs	1103	1672	1520	1885	2096	2095	969
Kitchen furniture, thsd.pcs	251	349	423	489	707	921	659
Wood furniture for furnishing quarter interior, thsd.pcs	1045	1237	1665	1771	1940	2122	1321

<sup>1</sup> Excluding restaurants and trade

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

<sup>3</sup> See the footnote to Table 7.16



INDUSTRY

**7.20. Per capita basic foodstuffs production**

(kg)

	2003	2004	2005	2006	2007	2008	2009
Fresh (fresh-killed) or cooled beef and veal	3,9	3,0	3,0	3,3	3,4	2,8	2,0
Frozen beef and veal	2,0	1,2	1,1	0,9	1,3	0,9	0,6
Fresh (fresh-killed) or cooled pork	1,7	1,6	1,7	2,8	3,9	3,4	2,8
Frozen pork	0,4	0,3	0,4	0,5	0,5	0,3	0,1
Fresh or cooled meat and high quality poultry offal	2,7	4,2	5,8	7,0	9,9	12,4	14,1
Frozen meat and high quality poultry offal	0,8	0,8	1,2	1,9	1,9	1,8	2,0
Sausages	5,7	7,0	6,6	6,4	7,1	7,3	5,9
Ready-to-cook meat products (including poultry) <sup>1</sup>	1,5	4,6	3,0	3,2	3,8	2,0	1,6
Fruit and vegetable juices and nectars	8,4	10,0	14,3	15,9	23,2	21,1	15,9
Canned natural vegetables	1,9	2,1	3,2	3,4	2,2	3,0	3,2
Jams, fruit jellies, fruit or nut purées and pastes	1,5	1,3	2,0	1,7	1,8	2,0	1,4
Unpurified sunflower seed oil	26,3	28,3	29,3	44,5	47,9	40,4	60,7
Margarine and similar products	5,2	5,9	6,4	6,6	6,8	6,8	7,7
Processed skimmed milk	13,5	15,1	18,3	17,5	18,6	17,5	16,7
Cream fat content more than 8%	0,2	0,5	0,5	0,3	0,3	0,4	0,3
Butter	2,9 <sup>2</sup>	2,4	2,5	2,2	2,2	1,8	1,6
Fat spreads and mixtures	...	1,1	1,7	1,5	1,8	1,8	1,6
Non-fermented fresh cheese and sour milk curd	1,2	1,5	1,8	2,0	2,0	2,0	1,8
Cheese with high fat content	3,6	4,7	5,8	4,6	5,3	5,1	5,0
Sour milk products	8,9	9,9	10,6	11,2	11,4	11,5	10,7
Bread and bakery products	48,8	48,6	48,1	46,2	43,7	42,8	39,7
Granulated sugar	52,0	45,2	45,4	55,4	40,1	34,0	27,7
Chocolate and other finished food products with cocoa content in briquettes, plates or bars	4,3	5,1	6,0	6,5	7,1	7,5	7,2
Sugar confectionery (including white chocolate) without cocoa content	6,1	6,5	6,1	5,2	5,5	5,4	5,8
Macaroni without filling and heat processing	2,3	2,1	2,2	2,3	2,3	2,4	2,3
Natural mineral spring waters, L	1,3	1,6	3,1	3,4	6,6	7,6	6,2
Natural mineral fizzy waters, L	16,6	16,3	21,3	24,5	28,0	25,9	22,1
Soft drinks, L	26,1	29,6	35,9	37,7	42,0	37,3	32,0

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

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

## INDUSTRY

**7.21. Output of dairy products, by type**

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009
Milk and powder cream	88,5	106	113	106	125	94,8	66,7
Non-fermented fresh cheese and sour milk curd	57,7	71,3	83,5	93,2	92,6	91,9	84,8
including							
products from non-fat sour milk curd	11,5	12,8	19,3	17,8	17,7	18,8	16,9
products from fat sour milk curd	46,2	58,4	63,9	75,2	75,0	72,5	67,4
High fat cheese	173	224	274	217	246	236	228
including							
rennet cheese	142	181	224	167	197	197	200
including							
hard	134	174	216	161	191	191	194
soft	2,2	1,8	1,8	1,8	2,0	1,8	1,5
brine	4,0	3,4	4,0	3,4	2,9	3,5	3,3
spread, not grated and not in powder	31,3	42,7	50,2	50,1	48,7	38,8	28,0
Milk and cream, thickened with or without sugar, or other sweetened substances	80,6	104	107	97,8	106	99,3	81,9
Ice-cream and edible ice	112	117	125	121	131	125	108

**7.22. Output of sausages, by type**

(thsd.t)

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

INDUSTRY

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

(mln.dal)

	2003	2004	2005	2006	2007	2008	2009
Vodka and other strong alcoholic drinks	26,7 <sup>1</sup>	40,3 <sup>1</sup>	35,1	35,5	37,2	40,0	42,3
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>	21,7 <sup>1</sup>	13,1 <sup>1</sup>
Grape wine	15,3	15,4	16,4	17,1	19,5	21,0	23,1
Wine "Champagne"	3,3	4,0	4,4	4,5	4,5	4,0	4,2
Brandy	1,6	2,0	2,4	2,8	3,6	3,9	3,1
Beer	170	194	238	268	316	320	300
Cigarettes with tobacco content or tobacco mixtures with tobacco substitutes, bln.pcs	96,8	109	120	120	129	130	114

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

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

(thsd.t)

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

## INDUSTRY

**7.25. Output of sausages, by region**

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009
<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>	<b>335,5</b>	<b>272,2</b>
Autonomous Republic of Crimea	2,6	2,7	3,7	5,3	7,7	14,4	16,7
<b>oblasts</b>							
Vinnitsya	7,4	5,5	4,9	7,9	8,5	8,8	4,7
Volyn	13,4	17,0	13,9	15,1	17,3	21,3	16,9
Dnipropetrovsk	30,3	39,6	46,0	52,9	56,3	55,4	43,1
Donetsk	59,2	100,9	67,7	31,3	34,7	31,7	30,6
Zhytomyr	3,1	4,3	4,2	5,1	5,6	6,5	7,2
Zakarpattia	1,2	0,9	0,8	0,8	0,8	0,6	... <sup>2</sup>
Zaporizhzhya	13,3	11,3	9,4	8,0	7,3	7,3	8,5
Ivano-Frankivsk	2,4	3,0	3,2	3,9	4,0	3,4	2,4
Kyiv	17,9	22,3	23,7	25,1	28,3	23,8	15,0
Kirovohrad	11,2	11,8	14,6	16,4	19,0	20,0	17,3
Luhansk	19,6	18,5	19,6	22,1	23,9	22,6	17,6
Lviv	3,3	3,5	3,6	3,6	3,9	4,3	3,7
Mykolayiv	2,7	2,9	2,6	3,1	3,1	3,5	2,6
Odesa	7,0	8,2	8,6	10,4	11,1	10,3	7,9
Poltava	16,4	17,6	20,3	21,8	24,2	26,8	25,8
Rivne	2,4	2,4	3,0	4,3	5,2	5,9	3,9
Sumy	6,1	5,6	5,0	4,2	4,5	4,2	1,8
Ternopil	7,0	4,2	1,2	3,1	3,3	2,0	1,2
Kharkiv	11,1	11,9	12,9	19,3	24,3	27,3	22,9
Kherson	0,7	0,3	0,3	0,2	0,2	0,2	... <sup>2</sup>
Khmelnyskiy	5,5	5,3	6,0	6,4	7,8	8,2	6,1
Cherkasy	6,3	5,5	5,1	5,1	5,2	5,0	2,4
Chernivtsi	6,8	5,5	6,5	8,0	8,4	9,4	6,4
Chernihiv	3,1	3,2	3,1	3,0	3,0	2,9	2,2
<b>cities</b>							
Kyiv	10,6	16,6	16,4	10,6	8,2	6,5	3,0
Sevastopol	0,7	1,1	2,5	3,6	4,2	3,1	... <sup>3</sup>

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

<sup>2</sup> Here and elsewhere (Tables 7.26–7.30, 7.34) data have been eliminated due to their insignificant value and with the purpose of ensuring the implementation of Ukraine's Law *On the State Statistics* regarding confidentiality of information

<sup>3</sup> See the footnote to Table 7.16

INDUSTRY

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

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>1256,9</b>	<b>1342,8</b>	<b>1382,4</b>	<b>2079,8</b>	<b>2228,4</b>	<b>1867,3</b>	<b>2795,7</b>
of which							
Autonomous Republic of Crimea	2,3	2,9	1,4	2,2	1,2	0,4	0,5
<b>oblasts</b>							
Vinnytsya	61,7	45,2	37,7	66,3	77,9	65,4	106,8
Volyn	0,0	0,0	0,0	0,0	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Dnipropetrovsk	126,8	100,3	96,5	175,0	190,0	181,6	202,5
Donetsk	293,5	296,5	296,6	374,3	406,6	240,4	414,2
Zhytomyr	0,3	0,1	0,1	0,1	0,0	0,0	0,0
Zakarpattia	0,2	0,0	0,0	0,0	0,0	—	—
Zaporizhzhya	233,7	266,6	240,0	307,3	290,9	279,4	370,3
Ivano-Frankivsk	... <sup>1</sup>	... <sup>1</sup>	... <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	94,8	123,1
Kirovohrad	109,5	116,6	160,2	216,1	226,1	213,9	309,3
Luhansk	63,9	67,2	56,2	75,6	96,7	81,7	113,8
Lviv	0,3	... <sup>1</sup>	... <sup>2</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Mykolayiv	3,6	45,8	29,8	59,7	59,6	25,4	69,1
Odesa	99,1	94,5	128,1	192,9	184,9	147,6	320,2
Poltava	78,9	87,1	88,4	126,2	123,9	117,8	128,0
Rivne	... <sup>1</sup>	0,3	1,1	0,3	0,1	... <sup>1</sup>	0,0
Sumy	0,8	0,6	2,1	3,8	5,1	3,0	4,9
Ternopil	... <sup>1</sup>	... <sup>1</sup>	... <sup>2</sup>	... <sup>1</sup>	... <sup>1</sup>	—	... <sup>1</sup>
Kharkiv	134,8	127,4	133,6	191,9	244,2	277,7	335,1
Kherson	5,6	5,7	33,8	168,3	177,2	111,4	197,7
Khmelnyskiy	0,1	0,1	0,1	0,0	0,2	0,1	0,2
Cherkasy	4,4	4,5	4,5	4,3	2,8	2,5	20,0
Chernivtsi	31,7	35,2	15,7	38,3	41,1	18,5	51,4
Chernihiv	4,6	3,9	3,4	3,3	4,4	1,3	4,3
<b>city</b>							
Sevastopol	... <sup>1</sup>	—	—	—	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>

<sup>1</sup> See the footnote to Table 7.16

<sup>2</sup> See the second footnote to Table 7.25

## INDUSTRY

**7.27. Output of processed skimmed milk, by region**

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>645,2</b>	<b>716,0</b>	<b>863,6</b>	<b>819,6</b>	<b>863,3</b>	<b>808,1</b>	<b>769,6</b>
Autonomous Republic of Crimea	10,3	8,1	8,4	9,4	11,0	12,1	10,6
<b>oblasts</b>							
Vinnitsya	179,4	232,3	291,2	253,3	290,7	265,9	235,3
Volyn	15,5	23,8	26,6	9,9	14,8	14,9	15,4
Dnipropetrovsk	44,2	44,3	47,7	39,1	45,2	48,8	57,0
Donetsk	26,8	31,0	37,8	39,1	44,8	47,0	43,6
Zhytomyr	6,2	6,3	4,8	5,7	12,9	13,9	12,8
Zakarpattia	2,9	2,6	3,3	3,0	2,3	1,4	... <sup>2</sup>
Zaporizhzhya	10,7	10,8	11,1	13,7	15,7	18,3	13,6
Ivano-Frankivsk	4,4	6,2	8,9	8,6	12,9	9,1	6,3
Kyiv	62,5	63,5	69,1	62,9	54,9	74,9	86,0
Kirovohrad	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>
Luhansk	24,6	25,2	55,6	47,7	11,6	9,9	7,8
Lviv	14,2	19,5	26,3	34,1	31,7	31,2	27,7
Mykolayiv	13,7	16,7	15,7	15,1	15,4	14,9	9,8
Odesa	29,8	17,5	15,2	18,6	18,6	23,1	21,3
Poltava	25,7	27,7	36,8	31,9	31,5	36,3	38,8
Rivne	8,1	8,6	6,7	5,7	5,9	... <sup>1</sup>	4,0
Sumy	24,6	21,8	32,7	48,7	45,5	28,7	39,7
Ternopil	7,1	12,5	16,9	21,6	22,9	17,0	35,9
Kharkiv	37,4	40,3	35,1	32,9	48,1	46,9	40,6
Kherson	4,3	8,3	11,2	13,2	9,4	7,7	8,5
Khmelnyskiy	9,8	10,4	20,8	30,4	45,7	19,9	11,5
Cherkasy	15,4	13,7	13,7	16,1	13,1	12,1	11,0
Chernivtsi	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>
Chernihiv	12,3	12,2	17,1	11,4	11,7	9,9	9,3
<b>cities</b>							
Kyiv	49,4	49,5	47,6	45,1	44,4	37,4	22,5
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 7.25<sup>2</sup> See the footnote to Table 7.16

## INDUSTRY

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

	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>172,9</b>	<b>223,9</b>	<b>273,8</b>	<b>217,4</b>	<b>245,7</b>	<b>236,3</b>	<b>228,1</b>
Autonomous Republic of Crimea	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	1,1
<b>oblasts</b>							
Vinnitsya	15,5	15,2	17,1	14,0	15,2	16,2	14,5
Volyn	6,4	8,7	8,5	5,5	8,2	5,2	... <sup>2</sup>
Dnipropetrovsk	3,1	4,3	3,3	2,2	2,1	1,9	0,9
Donetsk	1,3	1,1	1,6	1,4	1,4	1,4	1,1
Zhytomyr	9,8	16,8	23,6	16,7	17,1	7,3	4,1
Zakarpattia	... <sup>1</sup>	... <sup>1</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>
Zaporizhzhya	11,3	15,2	21,7	16,6	17,9	19,2	13,9
Ivano-Frankivsk	3,4	4,0	4,8	3,3	3,9	4,2	4,3
Kyiv	1,8	2,7	3,6	1,4	1,2	1,1	1,2
Kirovohrad	1,1	6,5	13,5	4,8	7,8	3,1	1,5
Luhansk	3,7	4,0	4,1	3,2	2,1	2,5	1,7
Lviv	2,6	3,7	3,9	2,9	2,4	1,2	0,8
Mykolayiv	7,5	7,8	10,0	8,8	10,4	12,3	11,6
Odesa	2,2	2,2	2,7	2,7	3,1	2,9	1,7
Poltava	22,0	29,6	38,6	38,0	48,8	50,4	49,5
Rivne	5,0	7,3	11,3	6,4	3,8	8,8	14,9
Sumy	19,2	20,7	20,6	16,5	19,3	20,4	21,7
Ternopil	4,9	4,6	5,4	3,0	3,6	5,2	5,2
Kharkiv	7,6	10,9	13,2	10,0	9,8	5,8	8,2
Kherson	9,1	11,9	15,6	15,8	16,5	17,9	16,7
Khmelnyskiy	9,2	10,5	11,5	11,7	10,4	10,8	12,4
Cherkasy	13,8	18,3	19,2	14,0	22,6	22,0	22,0
Chernivtsi	1,2	2,4	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	0,0
Chernihiv	9,0	11,9	12,9	12,4	13,0	13,3	15,6
<b>cities</b>							
Kyiv	1,7	2,9	3,3	2,8	2,1	0,8	... <sup>2</sup>
Sevastopol	... <sup>2</sup>	... <sup>2</sup>	—	—	—	—	—

<sup>1</sup> See the second footnote to Table 7.25<sup>2</sup> See the footnote to Table 7.16

## INDUSTRY

**7.29. Output of sour milk products, by region**

(thsd.t)

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

<sup>1</sup> See the footnote to Table 7.16<sup>2</sup> See the second footnote to Table 7.25



## INDUSTRY

**7.30. Output of flour, by region**

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>2826,5</b>	<b>2948,9</b>	<b>2943,6</b>	<b>2695,7</b>	<b>2907,6</b>	<b>3029,9</b>	<b>2735,4</b>
Autonomous Republic of Crimea	120,0	124,0	131,7	131,2	153,3	169,5	160,6
<b>oblasts</b>							
Vinnitsya	152,3	153,0	157,7	145,4	179,8	191,5	187,1
Volyn	74,8	78,1	72,3	58,6	70,6	59,0	44,9
Dnipropetrovsk	228,2	240,1	224,6	175,2	195,7	190,3	174,4
Donetsk	282,6	300,4	336,1	290,3	282,0	282,8	254,8
Zhytomyr	40,7	33,7	25,2	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Zakarpattia	30,8	43,0	34,5	33,1	36,2	29,2	... <sup>1</sup>
Zaporizhzhya	97,8	91,5	133,8	126,0	111,4	88,8	77,1
Ivano-Frankivsk	27,3	29,1	36,0	35,5	37,6	36,9	40,8
Kyiv	113,7	136,7	165,5	162,2	135,5	123,4	136,7
Kirovohrad	64,5	68,5	79,6	72,3	60,5	48,8	31,3
Luhansk	135,7	132,4	121,7	107,1	122,0	159,4	168,0
Lviv	124,6	125,1	108,8	94,1	84,4	72,4	66,2
Mykolayiv	57,2	70,3	84,3	81,0	93,7	83,6	71,3
Odesa	152,7	157,1	147,7	122,5	134,7	151,9	124,2
Poltava	83,4	90,7	87,7	73,6	84,9	110,1	83,0
Rivne	58,5	70,4	54,4	56,9	63,8	70,9	55,5
Sumy	113,2	127,8	110,1	89,9	117,5	170,4	104,3
Ternopil	86,6	76,6	74,2	80,5	78,7	77,6	74,2
Kharkiv	170,1	233,8	222,9	180,2	204,7	217,7	223,6
Kherson	104,4	88,1	85,6	84,9	120,5	140,0	119,5
Khmelnyskiy	97,6	95,6	87,1	81,7	92,1	105,4	104,5
Cherkasy	91,3	89,1	97,4	115,0	137,0	120,4	114,8
Chernivtsi	33,0	37,6	34,3	26,2	28,2	31,7	30,3
Chernihiv	57,5	59,9	76,9	88,9	74,2	63,8	46,7
<b>cities</b>							
Kyiv	223,6	182,0	147,6	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	194,8
Sevastopol	4,5	14,1	5,7	... <sup>1</sup>	... <sup>1</sup>	... <sup>2</sup>	... <sup>2</sup>

<sup>1</sup> See the second footnote to Table 7.25<sup>2</sup> See the footnote to Table 7.16

## INDUSTRY

**7.31. Output of bread and flour products, by region**

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>2334,7</b>	<b>2307,1</b>	<b>2263,7</b>	<b>2159,7</b>	<b>2033,7</b>	<b>1978,4</b>	<b>1826,4</b>
Autonomous Republic of Crimea	87,7	84,2	80,9	73,1	71,4	69,6	65,2
<b>oblasts</b>							
Vinnytsya	87,3	86,6	88,4	84,3	81,0	77,3	69,2
Volyn	48,7	48,7	46,6	46,5	47,1	45,5	43,2
Dnipropetrovsk	199,4	229,2	242,8	244,0	215,4	205,5	190,6
Donetsk	267,7	257,3	248,8	228,1	207,8	195,7	179,1
Zhytomyr	77,4	73,0	71,5	69,9	64,7	59,9	58,3
Zakarpattia	20,9	19,5	18,2	20,6	21,2	18,2	16,7
Zaporizhzhya	92,3	86,3	81,7	75,9	74,5	77,1	73,4
Ivano-Frankivsk	25,8	24,2	24,8	28,0	31,7	34,2	33,4
Kyiv	43,7	48,8	53,4	51,0	55,8	59,8	63,1
Kirovohrad	34,8	34,0	34,1	32,4	29,8	30,1	27,3
Luhansk	119,6	111,8	106,8	100,3	94,4	87,4	78,2
Lviv	94,8	91,7	89,5	84,4	76,9	75,3	72,0
Mykolayiv	54,7	57,2	51,9	47,2	44,8	42,7	37,8
Odesa	106,2	114,3	107,9	103,1	101,9	104,2	97,5
Poltava	84,0	83,5	79,6	75,0	72,6	71,5	65,5
Rivne	42,8	40,1	39,3	38,4	38,2	38,5	36,0
Sumy	81,0	78,9	75,2	69,9	67,9	65,6	62,5
Ternopil	21,0	19,5	18,8	17,7	20,2	19,6	16,5
Kharkiv	126,6	124,2	134,4	130,8	116,8	111,6	99,9
Kherson	56,1	50,7	49,0	45,8	40,4	38,5	35,4
Khmelnyskiy	68,5	64,5	62,6	61,3	60,7	61,0	55,3
Cherkasy	75,8	75,5	72,2	75,2	71,9	70,9	65,5
Chernivtsi	26,0	27,1	27,0	26,0	25,2	26,5	28,1
Chernihiv	70,2	72,0	70,1	67,8	64,7	58,3	51,8
<b>cities</b>							
Kyiv	301,9	283,2	268,6	245,1	219,4	216,2	187,2
Sevastopol	19,6	21,0	19,5	17,9	17,3	17,7	17,7

INDUSTRY

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

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>2485,5</b>	<b>2147,1</b>	<b>2139,1</b>	<b>2591,7</b>	<b>1867,0</b>	<b>1571,2</b>	<b>1274,8</b>
of which							
<b>oblasts</b>							
Vinnitsya	216,0	260,3	277,8	344,8	303,1	283,3	204,8
Volyn	223,2	181,2	198,7	113,5	137,1	80,1	40,7
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	... <sup>1</sup>	... <sup>1</sup>
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	126,1	116,2
Kirovohrad	60,2	69,6	64,3	102,7	36,4	... <sup>1</sup>	... <sup>1</sup>
Lviv	60,0	56,8	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Mykolayiv	... <sup>1</sup>	... <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	336,2	332,2
Rivne	122,8	57,1	63,0	83,8	88,4	... <sup>1</sup>	... <sup>1</sup>
Sumy	134,7	80,7	59,3	83,5	52,7	—	—
Ternopil	241,5	203,9	183,1	229,7	176,1	148,5	134,1
Kharkiv	123,0	146,6	146,0	200,6	141,7	132,4	77,5
Khmelnyskiy	106,7	103,7	129,9	194,7	181,6	102,1	117,9
Cherkasy	141,6	164,7	152,0	208,5	98,7	102,6	49,5
Chernivtsi	27,0	... <sup>1</sup>	... <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>	... <sup>1</sup>

<sup>1</sup> See the footnote to Table 7.16

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

	2003	2004	2005	2006	2007	2008	2009
Textiles, sq.m	1,6	2,3	2,4	2,1	2,5	2,4	1,9
of which							
cotton	0,7	1,0	1,1	0,9	1,1	1,0	0,7
wool	0,1	0,2	0,2	0,2	0,2	0,1	0,1
linen	0,01	0,2	0,04	0,04	0,03	0,01	... <sup>1</sup>
fleece, terry and other special textiles	0,1	0,1	0,1	0,1	0,04	0,06	0,02
those made of chemical fibres	0,6	0,8	0,9	1,0	1,1	1,1	1,0
Hosiery products produced by knitting machines or handmade, pairs	0,9	1,1	1,2	1,2	1,3	1,3	1,3
Sweaters, jumpers, pull-overs, waistcoats and similar products produced by knitting machines or handmade, pcs	0,1	0,1	0,1	0,1	0,1	0,1	0,03
Knitted outerwear, pcs	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Knitted underwear, pcs	0,4	0,5	0,6	0,7	0,7	0,5	0,4
Footwear, pairs	0,4	0,5	0,4	0,5	0,5	0,5	0,4

<sup>1</sup> See the footnote to Table 7.16

## INDUSTRY

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

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

<sup>1</sup> See the footnote to Table 7.16<sup>2</sup> See the second footnote to Table 7.25

INDUSTRY

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

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>2136</b>	<b>2127</b>	<b>2399</b>	<b>2761</b>	<b>2811</b>	<b>2542</b>	<b>1742</b>
including							
pipes,tubes, hollow seamless shapes from cast iron excluding foundry iron and steel	1007	1003	1190	1334	1329	1163	522
of which							
boring casing, pumping and compressor pipes, sand drill pipes for oil and gas well-boring	255	275	335	358	359	340	199
hot strained plane steel pipes including pipes for general use and underseal pipes, other	602	541	647	738	737	625	246
seamless light-wall tubing	20,1	22,6	27,1	27,0	20,1	17,1	8,1
cold-drawn pipes or cold rolled pipes of round cut from carbon steel	69,2	67,6	81,7	92,0	75,2	57,7	21,6
hollow sections made of ferrous metals	18,8	39,1	26,3	25,1	28,4	25,9	3,9
welded or riveted pipes	1129	1125	1209	1428	1482	1379	1220
of which							
welded and riveted pipes and tubes or connected in similar way, round cut, outer diameter more than 406,4 mm	484	465	546	585	503	395	... <sup>1</sup>
opened seam welded and riveted pipes and hollow shapes or connected in similar way, outer diameter of 406,4 mm and less	645	660	662	842	977	983	696

<sup>1</sup> See the footnote to Table 7.16

## 8. AGRICULTURE, HUNTING, FORESTRY. FISHING

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

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

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

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

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

**Agricultural lands** are land plots that are used to produce agricultural products. They include arable land (bare fallow), gardens, vineyards, hay-mowing, pastures, fallow lands. **Irrigated land area** includes areas equipped with the irrigation facilities (ditches, pipes, gutters) connected to the irrigation sources.

**Drained land area** is the land that has

a draining system to ensure regular water and air supply in order to make the lands useful for agriculture.

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

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

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

**Livestock 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.

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

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

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

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

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

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

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

**Forested lands** are forest lands which are planted with trees.

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

**Logging** is a clear-cutting of ripe trees on a special parcel of forest in order to obtain wood. It also includes the felling of some trees planted for the purpose of cultivation and protection of the forest, and procurement of wood when cleaning blocked forest trails.

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

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

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

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

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

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

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
Share of agriculture, hunting, forestry in the total amount of gross value added	16,3	14,6	12,1	11,9	10,4	8,6	7,5	7,9	8,2 <sup>1</sup>
Share of fishing in the total amount of gross value added	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0
Share of agricultural, hunting, forestry produce in the total output (at basic prices)	14,4	13,2	10,9	10,6	9,5	8,3	7,2	7,5	7,9 <sup>1</sup>
Share of fishing products in the total output (at basic prices)	0,1	0,1	0,1	0,1	0,1	0,1	0,0	0,0	0,0
Share of fixed assets of agriculture, hunting and forestry in the total value of fixed assets	10,2	8,9	7,6	6,6	6,0	4,8	3,9	3,1	2,6
Share of fixed assets of fishing in the total value of fixed assets	0,2	0,2	0,1	0,1	0,1	0,1	0,1	0,0	0,0
Share of employees engaged in agriculture, hunting, forestry	17,1	15,3	13,1	11,3	10,0	8,8	7,6	6,9	6,6
Share of employees engaged in fishing	0,2	0,2	0,2	0,2	0,1	0,1	0,1	0,1	0,1

<sup>1</sup> Preliminary data

**8.2. Operating enterprises in 2009, by organisational and legal form of business**

(as of July 1)

	Agriculture		Forestry		Fishing	
	total	percent of the total number	total	percent of the total number	total	percent of the total number
<b>Total enterprises</b>	<b>57152</b>	<b>100,0</b>	<b>719</b>	<b>100,0</b>	<b>544</b>	<b>100,0</b>
Business partnerships	7819	13,7	98	13,7	305	56,1
Private enterprises	4333	7,6	74	10,3	139	25,5
Producers' cooperatives	1001	1,7	11	1,5	13	2,4
Farms	42101	73,7	—	—	—	—
Public enterprises	345	0,6	331	46,0	14	2,6
Enterprises of other forms of business	1553	2,7	205	28,5	73	13,4



AGRICULTURE, HUNTING, FORESTRY. FISHING

**AGRICULTURE**

**8.3. Agricultural production**

(at comparable prices of 2005; mln. UAH)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Agricultural production</b>	<b>145875</b>	<b>94795</b>	<b>77889</b>	<b>86784</b>	<b>77271</b>	<b>92531</b>	<b>92586</b>	<b>94895</b>	<b>88769</b>	<b>103978</b>	<b>102093</b>
<b>Crop output</b>	<b>66560</b>	<b>49371</b>	<b>43573</b>	<b>48113</b>	<b>41105</b>	<b>55638</b>	<b>53976</b>	<b>54909</b>	<b>49718</b>	<b>64899</b>	<b>61545</b>
Grain crops	21303	13357	10096	16672	8266	18012	16158	14746	12297	22397	19444
Industrial crops	11992	8033	5632	6018	6153	6613	7873	10152	8532	12226	10667
Potatoes, vegetables and cucurbitaceous crops	16607	16676	20811	19684	20071	23911	23062	24172	22249	23809	24723
Fruit, berries and grapes	6238	3835	3566	3103	3855	4087	4220	2905	3546	3754	4002
Feed crops	9097	5150	2535	2435	2173	2354	2208	2055	1853	1988	1844
Other products and change in work-in-progress	1323	2320	933	201	587	661	455	879	1241	725	865
<b>Livestock product</b>	<b>79315</b>	<b>45424</b>	<b>34316</b>	<b>38671</b>	<b>36166</b>	<b>36893</b>	<b>38610</b>	<b>39986</b>	<b>39051</b>	<b>39079</b>	<b>40548</b>
Cattle and poultry	46613	22567	16881	18946	16916	17073	18288	19876	20197	20460	21811
Milk	25023	18029	13325	14901	14396	14617	14552	14089	13011	12470	12319
Eggs	4812	2834	2670	3429	3477	3665	3983	4345	4293	4566	4856
Wool	165	78	16	16	16	15	15	15	16	17	19
Other products	2702	1916	1424	1379	1361	1523	1772	1661	1534	1566	1543

**8.4. Agricultural production, by category of enterprises**

(at comparable prices of 2005; mln. UAH)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Agricultural enterprises</b>											
<b>Agricultural production</b>	<b>101299</b>	<b>48626</b>	<b>26478</b>	<b>31325</b>	<b>23438</b>	<b>32914</b>	<b>33803</b>	<b>37008</b>	<b>35440</b>	<b>47865</b>	<b>45781</b>
Crop output	49914	27268	17820	20645	13937	22644	21732	23200	20658	32136	28499
Livestock product	51385	21358	8658	10680	9501	10270	12071	13808	14782	15729	17282
<b>of which farms</b>											
<b>Agricultural production</b>	<b>...</b>	<b>583</b>	<b>1308</b>	<b>2663</b>	<b>1804</b>	<b>3151</b>	<b>3425</b>	<b>4097</b>	<b>3477</b>	<b>5921</b>	<b>5075</b>
Crop output	...	453	1156	2446	1592	2924	3102	3660	2885	5263	4394
Livestock product	...	130	152	217	212	227	323	437	592	658	681
<b>Agricultural holdings of households</b>											
<b>Agricultural production</b>	<b>44576</b>	<b>46169</b>	<b>51411</b>	<b>55459</b>	<b>53833</b>	<b>59617</b>	<b>58783</b>	<b>57887</b>	<b>53329</b>	<b>56113</b>	<b>56312</b>
Crop output	16646	22103	25753	27468	27168	32994	32244	31709	29060	32763	33046
Livestock product	27930	24066	25658	27991	26665	26623	26539	26178	24269	23350	23266

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.5. Agricultural production, by region**

(at comparable prices of 2005; mln. UAH)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>145875</b>	<b>94795</b>	<b>77889</b>	<b>86784</b>	<b>77271</b>	<b>92531</b>	<b>92586</b>	<b>94895</b>	<b>88769</b>	<b>103978</b>	<b>102093</b>
Autonomous Republic of Crimea	6573	3489	2848	2659	2577	2907	3066	3155	3577	4236	4429
<b>oblasts</b>											
Vinnitsya	8728	5872	4668	4922	4302	5028	5152	5448	5048	6368	6159
Volyn	4575	2731	2500	2655	2630	2870	2872	2826	2903	2951	2960
Dnipropetrovsk	7661	5277	4197	5019	4337	5286	5652	5937	5118	6691	6361
Donetsk	7375	4833	4160	5046	3859	5153	5268	4987	4525	5155	4946
Zhytomyr	5798	3987	2988	2914	2901	3245	3171	3216	2983	3206	3297
Zakarpattia	2363	1881	1834	2068	2138	2124	2103	2096	2077	2143	2215
Zaporizhzhya	6114	3643	2897	3305	2475	3403	3598	3805	3005	4011	3527
Ivano-Frankivsk	3113	2524	2275	2422	2366	2419	2404	2462	2530	2358	2557
Kyiv	8172	5840	4382	5023	4831	5465	5843	6376	6418	6763	6627
Kirovohrad	5504	3487	2658	3615	2986	3756	3731	3781	2728	4147	3695
Luhansk	4829	2796	1984	2217	2110	2453	2958	2811	2605	3091	2704
Lviv	5912	3944	3958	4197	4071	4126	4058	4265	4293	4300	4371
Mykolayiv	4927	2867	2019	2834	2064	3176	2811	3076	1903	3400	3408
Odesa	6773	3965	3921	4575	3788	5395	4472	4668	2902	4662	4238
Poltava	7545	4992	3265	4135	3520	4582	4792	4964	5069	5730	5700
Rivne	4270	2840	2412	2696	2515	2813	2633	2757	2836	2900	2902
Sumy	5840	3670	2954	2996	2824	3085	2966	2869	2960	3182	3162
Ternopil	4845	3219	2667	2624	2454	2704	2672	2893	2997	3054	3105
Kharkiv	7763	5057	4310	5208	4332	5145	5539	5042	5204	5612	4980
Kherson	5307	2954	2830	2990	2328	3280	3287	3479	2800	3992	4027
Khmelnyskiy	6397	4484	3672	3758	3296	3993	3494	3613	3909	4033	4190
Cherkasy	6492	4319	3735	3885	3650	4447	4731	4995	4765	6211	6753
Chernivtsi	2642	1888	1662	1798	1640	1840	1863	1882	1984	2001	2064
Chernihiv	6359	4237	3096	3223	3277	3837	3452	3492	3630	3781	3716

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.6. Share of the household holdings in agricultural production**

(percent)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Agricultural production</b>	<b>30,6</b>	<b>48,7</b>	<b>66,0</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>54,0</b>	<b>55,2</b>
<b>Crop output</b>	<b>25,0</b>	<b>44,8</b>	<b>59,1</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>	<b>50,5</b>	<b>53,7</b>
Grain crops	2,8	8,1	18,4	24,0	27,9	24,2	24,3	25,0	22,0	21,0	22,1
Sugar beet (for processing)	0,0	2,6	12,2	26,2	22,6	23,1	21,5	15,1	13,0	12,2	9,1
Sunflower	2,4	4,4	12,5	16,6	15,9	21,1	21,2	21,9	19,2	19,0	18,7
Potatoes	71,4	95,8	98,6	98,6	98,6	98,7	98,8	98,6	98,0	97,8	97,4
Vegetables	26,9	72,7	83,1	87,9	87,3	89,0	89,3	87,9	89,6	86,1	86,6
Fruits and berries	53,6	83,6	81,8	85,5	76,0	88,6	88,2	87,8	86,5	84,6	86,7
Grapes	20,5	26,5	30,0	37,9	35,8	43,3	41,8	48,5	34,7	32,0	33,9
<b>Livestock product</b>	<b>35,2</b>	<b>53,0</b>	<b>74,8</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>	<b>59,7</b>	<b>57,4</b>
Meat (slaughter weight)	28,9	51,7	73,7	72,9	69,3	67,9	63,2	57,3	51,9	48,6	46,1
Milk	24,1	45,1	70,9	75,9	80,3	81,8	81,0	81,2	82,1	82,2	80,7
Eggs	37,8	55,6	66,2	55,9	56,1	53,7	50,5	46,4	45,9	43,4	41,8
Wool	11,1	30,2	61,8	70,6	72,7	75,0	78,1	78,8	79,4	78,4	80,5

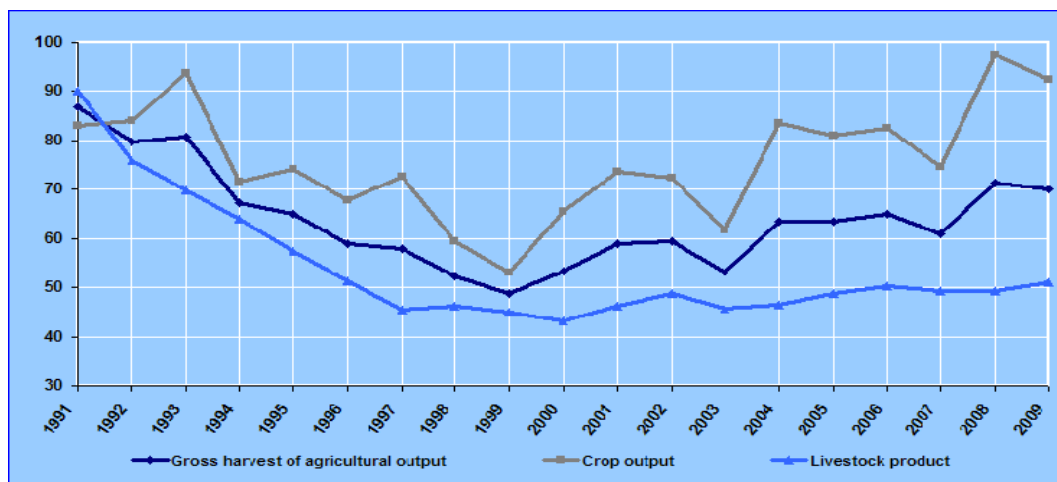
**8.7. Per capita output of agricultural products**

(kg)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Agricultural production, UAH</b>	<b>2811</b>	<b>1840</b>	<b>1584</b>	<b>1800</b>	<b>1616</b>	<b>1950</b>	<b>1966</b>	<b>2028</b>	<b>1909</b>	<b>2248</b>	<b>2217</b>
<b>Crop output, UAH</b>	<b>1283</b>	<b>958</b>	<b>886</b>	<b>998</b>	<b>860</b>	<b>1173</b>	<b>1146</b>	<b>1173</b>	<b>1069</b>	<b>1403</b>	<b>1336</b>
Grain crops	983	659	497	805	423	881	807	732	630	1152	999
Sugar beet	853	576	268	300	280	350	328	479	365	290	219
Sunflower	50	56	70	68	89	64	100	114	90	141	138
Potatoes	322	286	403	345	386	437	413	416	411	423	427
Vegetables	128	114	118	121	137	147	155	172	147	172	181
Fruits and berries	56	37	30	25	35	35	36	24	32	33	35
Grapes	16	9	10	7	11	8	9	6	8	9	10
<b>Livestock product,   UAH</b>	<b>1528</b>	<b>882</b>	<b>698</b>	<b>802</b>	<b>756</b>	<b>777</b>	<b>820</b>	<b>855</b>	<b>840</b>	<b>845</b>	<b>881</b>
Meat (slaughter weight)	84,0	44,5	33,8	34,2	36,1	33,7	33,9	36,8	41,1	41,2	41,6
Milk	472,3	335,3	257,4	293,4	285,7	288,9	291,1	284,0	263,6	254,3	252,1
Eggs, pcs	314	183	179	235	240	252	277	304	302	323	345

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

# 8.10. Agricultural production indices, by region

(percent)

	1990 = 100								To the previous year							
	1995	2000	2004	2005	2006	2007	2008	2009	1995	2000	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>65,0</b>	<b>53,4</b>	<b>63,4</b>	<b>63,5</b>	<b>65,1</b>	<b>60,9</b>	<b>71,3</b>	<b>70,0</b>	<b>96,4</b>	<b>109,8</b>	<b>119,7</b>	<b>100,1</b>	<b>102,5</b>	<b>93,5</b>	<b>117,1</b>	<b>98,2</b>
Autonomous Republic of Crimea	53,1	43,3	44,2	46,6	48,0	54,4	64,5	67,4	101,0	113,2	112,8	105,4	102,9	113,4	118,4	104,5
<b>oblasts</b>																
Vinnitsya	67,3	53,5	57,6	59,0	62,4	57,8	73,0	70,6	92,3	112,3	116,9	102,5	105,7	92,7	126,2	96,7
Volyn	59,7	54,6	62,7	62,8	61,8	63,5	64,5	64,7	101,2	105,8	109,1	100,1	98,4	102,7	101,7	100,3
Dnipro-petrovsk	68,9	54,8	69,0	73,8	77,5	66,8	87,3	83,0	96,3	114,5	121,9	106,9	105,1	86,2	130,7	95,1
Donetsk	65,5	56,4	69,9	71,4	67,6	61,4	69,9	67,1	106,6	120,0	133,5	102,2	94,7	90,7	113,9	95,9
Zhytomyr	68,8	51,5	56,0	54,7	55,5	51,5	55,3	56,9	96,5	105,6	111,9	97,7	101,4	92,8	107,4	102,8
Zakarpattia	79,6	77,6	89,9	89,0	88,7	87,9	90,7	93,7	104,5	108,1	99,3	99,0	99,7	99,1	103,2	103,4
Zapo-rizhzhya	59,6	47,4	55,7	58,8	62,2	49,1	65,6	57,7	99,9	100,8	137,5	105,7	105,8	79,0	133,5	87,9
Ivano-Frankivsk	81,1	73,1	77,7	77,2	79,1	81,3	75,7	82,1	102,5	109,9	102,2	99,4	102,4	102,7	93,2	108,5
Kyiv	71,5	53,6	66,9	71,5	78,0	78,5	82,8	81,1	93,7	112,6	113,1	106,9	109,1	100,7	105,4	98,0
Kirovohrad	63,4	48,3	68,2	67,8	68,7	49,6	75,3	67,1	97,7	111,0	125,8	99,4	101,3	72,2	152,0	89,1
Luhansk	57,9	41,1	50,8	61,3	58,2	53,9	64,0	56,0	100,0	91,8	116,3	120,6	95,0	92,7	118,7	87,5
Lviv	66,7	66,9	69,8	68,6	72,1	72,6	72,7	73,9	92,3	108,1	101,4	98,3	105,1	100,7	100,2	101,6
Mykolayiv	58,2	41,0	64,5	57,1	62,4	38,6	69,0	69,2	102,0	91,7	153,9	88,5	109,4	61,9	178,6	100,2
Odesa	58,5	57,9	79,7	66,0	68,9	42,8	68,8	62,6	100,2	98,7	142,4	82,9	104,4	62,2	160,6	90,9
Poltava	66,2	43,3	60,7	63,5	65,8	67,2	75,9	75,5	97,6	104,6	130,2	104,6	103,6	102,1	113,0	99,5
Rivne	66,5	56,5	65,9	61,6	64,6	66,4	67,9	67,9	96,1	106,3	111,8	93,6	104,7	102,8	102,3	100,1
Sumy	62,8	50,6	52,8	50,8	49,1	50,7	54,5	54,1	90,3	124,0	109,3	96,1	96,7	103,2	107,5	99,4
Ternopil	66,5	55,0	55,8	55,1	59,7	61,9	63,0	64,1	91,8	116,0	110,2	98,8	108,3	103,6	101,9	101,7
Kharkiv	65,1	55,5	66,3	71,3	64,9	67,0	72,3	64,1	98,4	116,2	118,8	107,7	91,0	103,2	107,9	88,7
Kherson	55,7	53,3	61,8	61,9	65,6	52,8	75,2	75,9	91,3	100,0	140,9	100,2	105,9	80,5	142,6	100,9
Khmel-nytskyi	70,1	57,4	62,4	54,6	56,5	61,1	63,0	65,5	93,1	114,1	121,1	87,5	103,4	108,2	103,2	103,9
Cherkasy	66,5	57,5	68,5	72,9	76,9	73,4	95,7	104,0	93,2	122,3	121,8	106,4	105,6	95,4	130,3	108,7
Chernivtsi	71,5	62,9	69,7	70,5	71,2	75,1	75,8	78,1	96,2	111,4	112,2	101,3	101,0	105,4	100,9	103,2
Chernihiv	66,6	48,7	60,3	54,3	54,9	57,1	59,5	58,4	89,4	114,9	117,1	90,0	101,1	104,0	104,2	98,3

**8.11. Operating agricultural enterprises in 2009, by organisational and legal form of business, by region**

(as of July 1)

	Total	Including					
		business partnerships	private enterprises	producers' cooperatives	farms	public enterprises	enterprises of other forms of business
<b>Ukraine</b>	<b>57152</b>	<b>7819</b>	<b>4333</b>	<b>1001</b>	<b>42101</b>	<b>345</b>	<b>1553</b>
Autonomous Republic of Crimea	2211	305	163	89	1561	31	62
<b>oblasts</b>							
Vinnitsya	2323	365	193	56	1627	9	73
Volyn	1124	148	91	125	708	9	43
Dnipropetrovsk	4052	447	169	12	3371	17	36
Donetsk	2144	310	79	12	1610	5	128
Zhytomyr	1349	279	219	40	748	9	54
Zakarpattia	1813	103	18	7	1658	15	12
Zaporizhzhya	3033	385	213	43	2300	15	77
Ivano-Frankivsk	775	87	82	26	550	3	27
Kyiv	2213	436	157	47	1474	44	55
Kirovohrad	3224	355	257	29	2517	11	55
Luhansk	1997	257	174	17	1440	9	100
Lviv	1610	296	201	14	1043	12	44
Mykolayiv	5364	372	307	22	4586	15	62
Odesa	6844	472	295	136	5861	11	69
Poltava	2365	381	215	36	1603	22	108
Rivne	956	114	134	85	587	7	29
Sumy	1240	301	131	22	742	9	35
Ternopil	1254	198	237	5	748	4	62
Kharkiv	1999	411	252	25	1239	30	42
Kherson	2963	234	169	19	2464	14	63
Khmelnyskiy	1878	314	138	54	1257	13	102
Cherkasy	1851	436	151	14	1139	7	104
Chernivtsi	1036	118	89	21	780	6	22
Chernihiv	1058	313	144	41	480	11	69
<b>city</b>							
Kyiv	476	382	55	4	8	7	20

**8.12. Distribution of operating agricultural enterprises in 2009, 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	49635	86,7	21418,7	100,0
including with the area, ha				
under 5,0	5850	10,2	18,5	0,1
5,1–10,0	4082	7,1	32,4	0,2
10,1–20,0	5088	8,9	78,5	0,4
20,1–50,0	13928	24,3	529,2	2,5
50,1–100,0	4731	8,3	337,5	1,6
100,1–500,0	7385	12,9	1793,4	8,3
500,1–1000,0	2764	4,8	1983,4	9,3
1000,1–2000,0	2781	4,9	3976,8	18,5
2000,1–3000,0	1363	2,4	3344,1	15,6
3000,1–4000,0	701	1,2	2426,4	11,3
4000,1–5000,0	378	0,7	1688,9	7,9
5000,1–7000,0	313	0,5	1815,1	8,5
7000,1–10000,0	159	0,3	1309,0	6,1
over 10000,0	112	0,2	2085,5	9,7
Enterprises that do not have agricultural land	7517	13,3	×	×

**8.13. Tractors, harvesting combines and trucks in agricultural enterprises**

(end of year; thsd.pcs)

	Tractors	Harvesting combines	Trucks
1990	495	107	296
1995	469	91	278
2000	319	65	227
2001	296	61	209
2002	274	57	195 <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
2008	177	39	115
2009	169	38	109

<sup>1</sup> Average number

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

(percent)

	2007			2008			2009		
	total	crop growing	cattle raising	total	crop growing	cattle raising	total	crop growing	cattle raising
<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	12,1	11,6	13,1	10,7	10,2	11,8	9,7	9,3	10,7
Social contributions	2,1	2,0	2,2	2,6	2,5	2,8	2,9	2,8	3,2
Material expenses	<u>69,5</u> 100,0	<u>65,0</u> 100,0	<u>77,1</u> 100,0	<u>70,4</u> 100,0	<u>67,9</u> 100,0	<u>75,9</u> 100,0	<u>69,3</u> 100,0	<u>65,5</u> 100,0	<u>76,6</u> 100,0
including on									
seeds and planting stock	11,8	19,6	×	12,0	18,2	×	11,2	17,9	×
fodder	29,6	×	73,6	24,6	×	71,8	26,3	×	70,4
other agricultural produce	2,8	1,5	4,8	2,8	0,9	6,7	3,2	0,9	7,1
fertilisers	13,6	22,8	×	17,1	26,0	×	16,2	25,8	×
refined products	15,4	22,7	4,6	16,2	22,2	4,7	14,1	20,1	4,0
electricity	2,6	1,8	3,8	2,4	1,5	4,0	2,5	1,6	3,9
fuels	1,7	1,5	1,9	1,5	1,4	1,7	1,7	1,5	2,1
spare parts, repair and construction materials	7,9	10,2	4,5	6,9	8,6	3,6	7,6	9,4	4,4
payments of contracted operations and services	14,6	19,9	6,8	16,5	21,2	7,5	17,3	22,7	8,2
Depreciation of fixed assets	5,2	6,1	3,8	5,1	5,6	3,9	5,8	6,6	4,2
Other costs	<u>11,1</u> 100,0	<u>15,3</u> 100,0	<u>3,8</u> 100,0	<u>11,2</u> 100,0	<u>13,8</u> 100,0	<u>5,6</u> 100,0	<u>12,3</u> 100,0	<u>15,8</u> 100,0	<u>5,3</u> 100,0
of which rent payments for									
land shares (stocks)	51,9	59,2	×	51,0	60,7	×	55,5	64,9	×
property shares	1,7	1,5	3,0	1,0	1,0	1,1	0,8	0,7	1,1



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

(percent)

	2007			2008			2009		
	total	of which		total	of which		total	of which	
		crop growing	cattle raising		crop growing	cattle raising		crop growing	cattle raising
<b>Ukraine</b>	<b>15,6</b>	<b>32,7</b>	<b>-13,4</b>	<b>13,4</b>	<b>19,6</b>	<b>0,1</b>	<b>13,8</b>	<b>16,9</b>	<b>5,5</b>
Autonomous Republic of Crimea	9,8	22,1	-20,7	11,7	20,7	-12,3	3,9	8,4	-8,4
<b>oblasts</b>									
Vinnitsya	7,8	19,9	-21,2	11,8	15,9	-2,4	9,0	11,7	-4,5
Volyn	-0,9	11,7	-6,4	1,7	11,9	-3,1	0,2	13,4	-8,4
Dnipropetrovsk	22,0	38,7	-12,7	19,0	25,9	3,0	19,1	23,8	8,1
Donetsk	-0,6	22,6	-20,2	3,6	14,0	-4,3	13,9	13,0	15,0
Zhytomyr	1,9	21,0	-16,5	-1,7	6,6	-12,2	-0,6	6,5	-13,7
Zakarpattia	1,2	16,2	-19,9	-4,5	0,2	-9,4	-11,1	4,5	-24,1
Zaporizhzhya	17,9	33,7	-16,5	17,5	21,7	6,0	23,7	22,9	25,7
Ivano-Frankivsk	5,6	11,1	4,3	11,8	1,7	16,1	13,7	5,5	18,5
Kyiv	11,8	31,0	-6,6	9,6	10,6	8,5	20,6	11,6	33,8
Kirovohrad	28,0	38,6	-22,0	24,2	29,4	-8,7	28,8	33,1	-6,4
Luhansk	31,9	68,0	-19,1	7,0	9,7	1,4	1,6	4,5	-5,2
Lviv	34,0	67,7	-14,1	24,0	40,2	-8,4	22,4	37,1	-7,6
Mykolayiv	8,8	19,5	-27,7	27,3	32,3	4,3	23,6	26,8	6,4
Odesa	2,6	14,6	-30,2	20,5	26,1	-9,0	10,0	13,9	-11,0
Poltava	28,7	46,9	-4,3	11,3	17,9	-4,6	15,5	19,4	4,7
Rivne	11,5	28,5	-10,8	16,2	26,4	-4,4	2,8	5,9	-7,5
Sumy	9,2	28,5	-19,7	-2,4	1,7	-10,3	-6,0	-4,3	-11,1
Ternopil	21,5	31,1	-13,3	23,8	27,8	3,3	28,5	31,6	5,2
Kharkiv	22,7	43,6	-18,7	9,0	10,7	3,9	3,2	6,3	-5,8
Kherson	11,2	16,7	-11,7	15,5	17,6	5,3	15,9	18,4	4,3
Khmelnyskiy	13,7	31,1	-13,3	17,6	24,3	2,1	4,4	7,3	-3,5
Cherkasy	16,6	28,0	-3,1	15,7	18,5	9,6	18,3	24,1	2,1
Chernivtsi	5,8	29,0	-4,4	18,5	23,1	15,7	-1,1	0,5	-2,9
Chernihiv	19,3	46,2	-14,7	9,9	20,5	-6,6	10,2	18,2	-8,9
<b>city</b>									
Kyiv	41,9	47,1	6,8	18,0	28,1	-26,2	23,3	31,1	-13,6

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

(percent)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Grain	275,1	85,6	64,8	19,3	45,8	20,1	3,1	7,4	28,7	16,4	7,3
Sunflower seeds	236,5	170,9	52,2	77,9	64,3	45,2	24,3	20,7	75,9	18,4	41,4
Sugar beets (for processing)	29,5	31,2	6,1	-8,6	6,2	-0,8	4,8	11,1	-11,1	7,1	37,0
Vegetables grown in the open ground	27,6	12,8	-1,7	8,9	30,9	-5,0	16,1	14,8	14,1	11,1	19,1
Potatoes	27,2	34,3	14,0	24,2	33,5	-0,7	17,8	56,2	24,7	7,9	12,9
Fruit	83,8	20,3	-1,1	6,4	19,9	8,4	12,7	33,5	8,5	13,9	16,2
Grapes	71,7	74,0	62,7	17,7	44,5	8,7	31,7	39,6	33,2	58,8	92,1
Milk and dairy products <sup>1</sup>	32,2	-23,2	-6,0	-13,8	9,9	-0,4	12,2	-3,7	13,8	4,1	1,4
Cattle for meat	20,6	-19,8	-42,3	-40,5	-44,3	-33,8	-25,0	-38,4	-41,0	-24,1	-32,9
Pigs for meat	20,7	-16,7	-44,3	-16,9	-33,0	-14,4	14,9	-9,2	-27,6	0,3	12,1
Sheep and goats for meat	2,3	-31,9	-46,4	-26,7	-37,8	-44,3	-32,1	-34,3	-46,4	-38,6	-31,8
Poultry for meat	17,0	-18,4	-33,2	-1,1	11,0	3,8	24,9	12,1	-19,0	-11,3	-22,5
Eggs	27,3	36,5	10,6	14,6	18,5	15,2	23,5	-6,8	9,1	13,0	13,1
Wool	-2,4	-61,3	-75,8	-78,9	-75,4	-74,7	-72,8	-78,1	-80,6	-74,7	-79,4

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

### 8.17. Sales of agricultural products by agricultural enterprises

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Grain crops	18499	13109	10726	18979	8999	16698	19458	17814	13965	24763	31686
Wheat	...	7415	5364	11850	2187	7746	10045	8460	7456	13194	15675
Rye	...	426	437	906	329	761	479	372	222	377	580
Corn	...	433	1046	1120	2512	2562	4030	3001	3049	4964	8179
Barley	...	2468	2910	3983	2999	4562	3857	4969	2576	5505	6086
Oats	...	121	291	341	345	294	277	238	175	170	279
Millet	...	67	174	85	133	141	118	80	49	67	117
Buckwheat	...	64	157	143	135	142	135	113	106	119	150
Rice	...	32	49	53	58	55	54	62	75	54	71
Legumes	...	178	155	303	180	294	332	392	168	183	373
Oil crops	2200	1424	2284	1850	2562	2045	2612	4086	4434	5542	7239
Sugar beets (including goods for processing)	43283	27942	10971	9730	9568	11446	10956	16431	13083	10543	6348
Potatoes	1641	185	85	75	90	89	117	117	175	257	306
Vegetables	4224	1074	536	385	393	358	398	413	431	551	807
Fruit and berries	1149	261	209	158	305	185	169	124	170	191	181
Grapes	604	222	299	126	182	130	148	105	133	182	207
Cattle and poultry (live weight)	4422	1896	969	797	935	860	902	1087	1312	1342	1448
Milk and dairy products	18023	6766	2684	2556	1994	2036	2121	2017	1825	1834	1994
Eggs, mln.pcs	8688	3642	2644	4479	4610	4888	5700	6674	6747	7729	8566
Wool, t	27107	7804	1388	944	1003	635	547	528	622	659	722

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(thsd.t)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Agricultural production, mln. UAH</b>	<b>747,6</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>1516,8</b>	<b>1795,0</b>
<b>Crop output, mln. UAH</b>	<b>731,2</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>	<b>1488,8</b>	<b>1760,0</b>
Grain crops	1516,8	2376,8	1178,1	2090,8	2032,6	1817,2	1526,6	2286,1	2349,2
Oil crops	104,0	61,0	86,3	48,7	53,0	53,5	38,5	52,7	59,8
Sugar beets	1,7	3,3	1,1	1,0	1,4	0,6	0,1	0,1	0,0
Potatoes	1,3	0,9	1,3	0,9	0,4	0,3	0,6	1,1	0,4
Vegetables	15,4	8,9	8,8	5,5	3,5	3,4	2,2	2,1	1,7
Fruit and berries	1,4	0,4	3,6	0,8	0,7	0,3	0,5	0,2	0,2
<b>Animal production, mln. UAH</b>	<b>16,4</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>	<b>28,0</b>	<b>35,0</b>
Cattle and poultry	4,9	7,7	12,7	6,4	3,5	3,6	3,7	1,9	1,6
Milk and dairy products	5,0	6,2	4,6	3,4	2,4	1,7	1,0	0,6	0,7
Eggs, mln.pcs	1,3	4,5	3,8	3,4	2,4	2,5	1,3	0,8	1,4
<b>Percentage of the total sales</b>									
<b>Agricultural production</b>	<b>5,8</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>2,8</b>	<b>2,5</b>
<b>Crop output</b>	<b>8,5</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>	<b>4,2</b>	<b>3,7</b>
Grain crops	14,1	12,5	13,1	12,5	10,5	10,2	10,9	9,2	7,4
Oil crops	4,6	3,3	3,3	2,4	2,0	1,3	0,9	1,0	0,8
Sugar beets	0,0	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Potatoes	1,6	1,2	1,5	1,0	0,4	0,3	0,3	0,4	0,2
Vegetables	2,9	2,3	2,3	1,5	0,9	0,8	0,5	0,4	0,2
Fruit and berries	0,7	0,3	1,2	0,4	0,4	0,3	0,3	0,1	0,1
<b>Animal production</b>	<b>0,4</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>	<b>0,0</b>	<b>0,1</b>
Cattle and poultry	0,5	1,0	1,4	0,7	0,4	0,3	0,3	0,1	0,1
Milk and dairy products	0,2	0,2	0,2	0,2	0,1	0,1	0,1	0,0	0,0
Eggs	0,0	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,0

**8.19. Structure of agricultural sales by agricultural enterprises**

(percent of the total sales)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>To processing enterprises</b>											
Grain crops	80,4	37,5	4,0	2,4	3,9	6,4	5,2	4,6	5,1	4,4	3,9
Oil crops	98,9	5,1	2,4	1,5	2,5	3,4	4,0	4,0	3,9	4,5	4,5
Sugar beets	100,0	99,6	93,0	71,2	82,5	84,3	90,4	91,0	92,4	93,4	91,4
Potatoes	85,1	15,2	16,9	2,4	3,2	8,2	11,3	11,0	12,5	10,9	6,9
Vegetables	89,4	39,6	13,3	4,3	5,9	6,7	13,5	15,6	8,8	22,6	36,9
Fruit and berries	86,8	40,4	16,1	10,5	12,9	10,5	13,4	15,3	26,7	30,6	32,2
Grapes	96,4	64,8	68,4	33,4	28,4	30,4	34,8	35,1	30,5	36,1	33,4
Cattle and poultry	94,8	46,1	21,6	28,0	29,1	29,2	30,9	35,2	34,6	30,5	25,6
Milk and dairy products	99,1	87,2	66,3	73,9	78,7	82,1	85,0	88,3	90,4	92,7	92,6
Eggs	98,1	56,8	20,0	0,7	0,4	0,3	0,4	0,3	0,2	0,1	0,1
Wool	100,0	60,3	28,7	32,0	20,7	6,7	35,6	43,5	52,3	63,5	54,8
<b>On the market</b>											
Grain crops	3,2	19,2	34,8	16,1	13,6	11,4	10,0	9,9	8,7	7,9	6,6
Oil crops	0,3	27,7	46,4	20,6	16,9	14,1	11,3	9,1	7,6	6,9	5,8
Sugar beets	—	0,2	4,0	0,9	0,5	0,1	0,1	0,1	0,0	0,0	0,1
Potatoes	9,4	42,7	44,8	28,3	21,1	18,4	17,2	18,4	12,9	15,3	12,3
Vegetables	8,0	41,2	47,0	39,4	35,7	35,5	31,8	27,3	29,8	18,5	11,9
Fruits and berries	9,8	40,6	49,8	39,3	34,5	39,5	33,0	33,8	28,6	28,1	29,2
Grapes	3,0	21,9	16,1	25,4	15,7	16,8	15,4	18,0	9,4	6,9	9,4
Cattle and poultry	1,8	26,2	38,4	22,2	19,6	18,2	19,1	9,1	7,8	7,9	7,9
Milk and dairy products	0,1	8,9	21,2	8,0	6,1	4,7	3,8	3,0	2,1	1,5	1,9
Eggs	1,3	34,2	66,2	42,6	35,6	32,1	29,2	27,0	24,5	23,9	21,5
Wool	—	33,5	51,1	30,2	37,0	27,0	13,2	8,4	8,4	7,3	8,4
<b>To households</b>											
Grain crops	13,2	30,3	20,6	11,4	10,1	6,9	4,7	3,7	2,7	1,5	1,0
Oil crops	0,8	11,9	10,1	4,8	3,0	2,2	1,4	0,7	0,4	0,3	0,3
Sugar beets	—	0,1	0,5	0,9	0,3	0,2	0,1	0,1	0,0	0,0	0,0
Potatoes	5,2	32,2	20,4	14,7	10,5	7,6	4,0	2,7	2,0	1,9	1,1
Vegetables	2,6	15,1	21,1	11,1	8,4	4,9	3,5	2,2	1,5	0,9	0,5
Fruit and berries	3,4	14,6	22,7	18,0	15,3	10,1	6,0	4,7	3,7	2,2	1,6
Grapes	0,6	11,5	5,8	6,2	3,8	2,8	1,4	0,6	0,5	0,2	0,2
Cattle and poultry	3,3	16,4	31,9	15,4	11,7	7,0	4,5	3,0	2,2	1,6	1,3
Milk and dairy products	0,8	3,1	7,5	4,2	3,4	2,2	1,5	1,2	0,7	0,5	0,4
Eggs	0,4	4,8	5,9	5,1	3,3	2,1	1,9	1,2	0,7	0,7	0,8
Wool	—	—	13,5	6,8	1,8	3,5	2,5	0,3	0,3	0,2	1,5
<b>Through other channels</b>											
Grain crops	3,2	13,0	40,6	70,1	72,4	75,3	80,1	81,8	83,5	86,2	88,5
Oil crops	0,0	55,3	41,1	73,1	77,6	80,3	83,3	86,2	88,1	88,3	89,4
Sugar beets	—	0,1	2,5	27,0	16,7	15,4	9,4	8,8	7,6	6,6	8,5
Potatoes	0,3	9,9	17,9	54,6	65,2	65,8	67,5	67,9	72,6	71,9	79,7
Vegetables	0,0	4,1	18,6	45,2	50,0	52,9	51,2	54,9	59,9	58,0	50,7
Fruit and berries	0,0	4,4	11,4	32,2	37,3	39,9	47,6	46,2	41,0	39,1	37,0
Grapes	—	1,8	9,7	35,0	52,1	50,0	48,4	46,3	59,6	56,8	57,0
Cattle and poultry	0,1	11,3	8,1	34,4	39,6	45,6	45,5	52,7	55,4	60,0	65,2
Milk and dairy products	—	0,8	5,0	13,9	11,8	11,0	9,7	7,5	6,8	5,3	5,1
Eggs	0,2	4,2	7,9	51,6	60,7	65,5	68,5	71,5	74,6	75,3	77,6
Wool	—	6,2	6,7	31,0	40,5	62,8	48,7	47,8	39,0	29,0	35,3

**CROP GROWING**

**8.20. Total land area and agricultural land in 2009<sup>1</sup>**

(end of year; thsd.ha)

	Total land area	Total agricultural land	Of which		
			arable fields	hay fields	pastures
<b>Total land</b>	<b>60354,8</b>	<b>41596,4</b>	<b>32478,4</b>	<b>2409,8</b>	<b>5489,7</b>
Lands of agricultural enterprises and households	37918,0	36554,8	30930,3	1617,4	3014,3
Land of agricultural enterprises	21675,1	20864,4	19421,8	443,0	777,1
of which					
the state	1235,7	1048,0	865,1	35,3	110,8
the non-state	20439,4	19816,4	18556,7	407,7	666,3
Private lands	16242,9	15690,4	11508,5	1174,4	2237,2
Lands of other users	22436,8	5041,6	1548,1	792,4	2475,4

<sup>1</sup> According to the data from the State Committee of Ukraine for Land Resources

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

(end of year; thsd.ha)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Drained land</b>												
<b>Total land</b>	<b>3220</b>	<b>3299</b>	<b>3299</b>	<b>3297</b>	<b>3291</b>	<b>3294</b>	<b>3294</b>	<b>3307</b>	<b>3307</b>	<b>3307</b>	<b>3307</b>	<b>3307</b>
including lands of agricultural enterprises	3004	2713	2164	1917	1764	1478	1345	1272	1153	1088	1063	992
of which with closed drainage	2181	2041	1727	1544	1423	1191	1093	1030	936	889	877	820
<b>Irrigated land</b>												
<b>Total land</b>	<b>2601</b>	<b>2585</b>	<b>2408</b>	<b>2330</b>	<b>2262</b>	<b>2208</b>	<b>2195</b>	<b>2183</b>	<b>2181</b>	<b>2181</b>	<b>2179</b>	<b>2179</b>
including lands of agricultural enterprises	2600	2568	2292	2034	1902	1743	1577	1688	1657	1644	1615	1576

<sup>1</sup> See the footnote to Table 8.20

**8.22. Sown area for basic agricultural crops in 1940–2009**

(thsd.ha)

	Total sown area	Of which				
		grain crops	sugar beets (for processing)	sunflowers	potatoes	vegetables grown in open ground (without seed crops)
1940	31336	21385	820	720	2060	486
1950	30656	20047	828	894	1904	374
1955	32892	20446	1092	935	2152	461
1960	33547	13729	1457	1505	2186	474
1965	33785	16495	1863	1777	2108	464
1970	32782	15518	1659	1710	1988	466
1975	33617	16540	1769	1672	1857	499
1980	33578	16473	1775	1683	1682	497
1985	32656	16077	1641	1480	1528	499
1990	32406	14583	1607	1636	1429	456
1995	30963	14152	1475	2020	1532	503
2000	27173	13646	856	2943	1629	538
2001	27928	15586	970	2502	1604	490
2002	27539	15448	897	2834	1590	479
2003	25081	12495	773	4001	1585	480
2004	26752	15433	732	3521	1556	476
2005	26044	15005	652	3743	1514	465
2006	25928	14515	815	3964	1464	469
2007	26060	15115	610	3604	1453	451
2008	27133	15636	380	4306	1413	458
2009	26990	15837	322	4232	1409	451

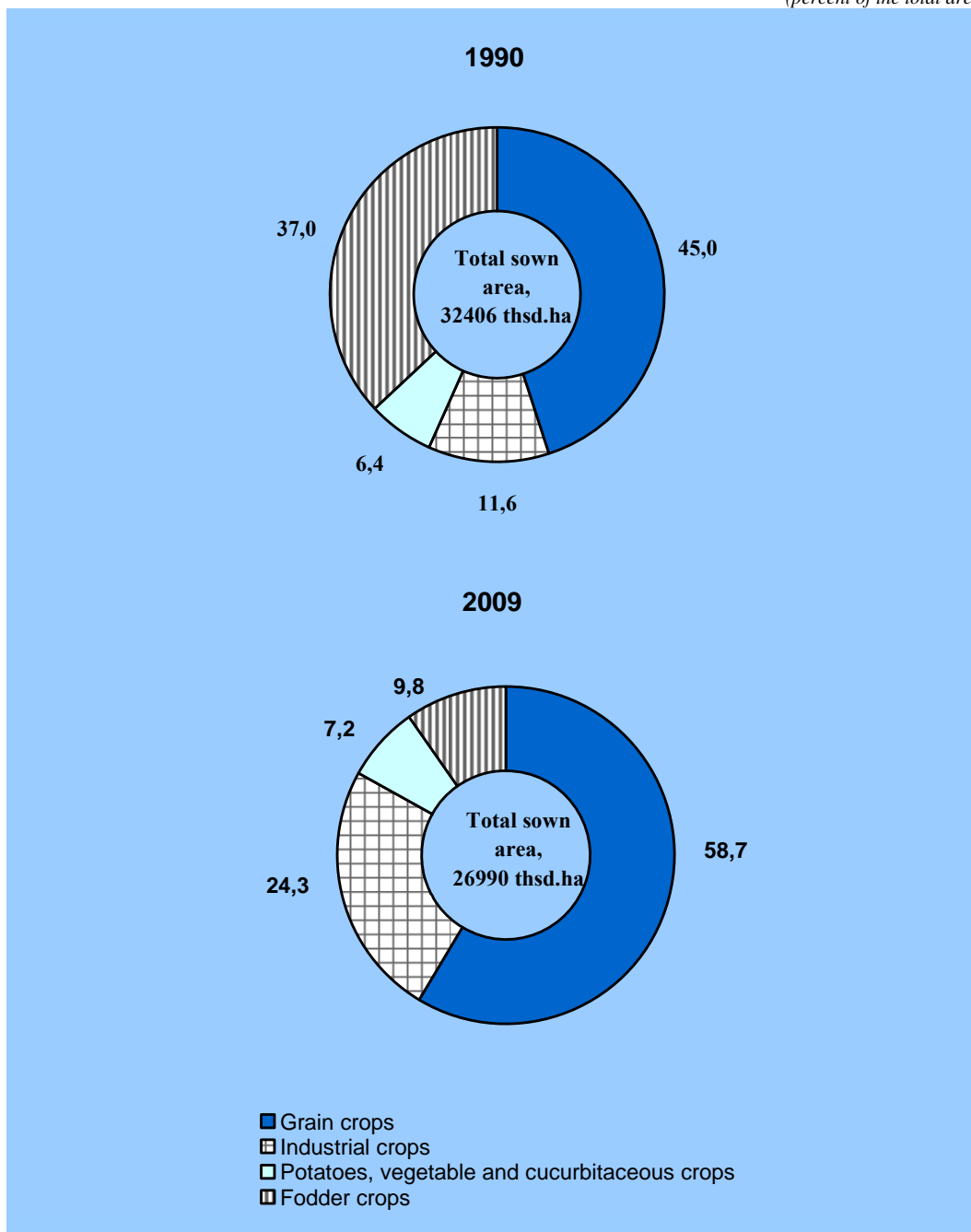
**8.23. Sown area for basic agricultural crops**

(thsd. ha)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total sown area</b>	<b>32406</b>	<b>30963</b>	<b>27173</b>	<b>27539</b>	<b>25081</b>	<b>26752</b>	<b>26044</b>	<b>25928</b>	<b>26060</b>	<b>27133</b>	<b>26990</b>
<b>Grain crops</b>	<b>14583</b>	<b>14152</b>	<b>13646</b>	<b>15448</b>	<b>12495</b>	<b>15433</b>	<b>15005</b>	<b>14515</b>	<b>15115</b>	<b>15636</b>	<b>15837</b>
Winter crops	8614	6310	6324	8173	2873	6397	7289	5884	6725	8127	8308
wheat	7568	5324	5316	6833	2356	5139	6185	5089	5817	6802	6518
rye	518	609	668	787	404	737	622	373	349	466	468
barley	528	377	340	553	113	521	482	422	559	859	1322
Summer crops	5969	7842	7322	7275	9622	9036	7716	8631	8390	7509	7529
of which											
wheat	9	185	303	293	472	535	480	494	471	314	334
barley	2201	4130	3645	3978	5059	4157	4018	4883	4417	3360	3800
oats	492	570	521	557	602	538	468	474	404	456	433
corn	1234	1174	1364	1311	2170	2467	1711	1777	2087	2516	2149
millet	205	167	437	164	311	434	141	136	122	153	119
buckwheat	350	459	574	433	366	439	426	398	352	302	273
rice	28	22	26	19	22	21	21	22	21	20	25
legumes	1424	1103	408	486	558	387	422	406	438	263	371
of which											
peas	1287	996	307	356	403	270	326	339	362	206	286
vetch and vetch mixtures for again	79	65	54	64	74	54	44	29	30	19	28
<b>Industrial crops</b>	<b>3751</b>	<b>3748</b>	<b>4187</b>	<b>4072</b>	<b>5357</b>	<b>4971</b>	<b>5260</b>	<b>6105</b>	<b>5920</b>	<b>6778</b>	<b>6545</b>
of which											
sugar beets (for processing)	1607	1475	856	897	773	732	652	815	610	380	322
sunflowers	1636	2020	2943	2834	4001	3521	3743	3964	3604	4306	4232
rape	90	49	214	81	69	117	207	414	891	1412	1060
soya	93	25	65	108	209	274	438	751	671	558	644
flax	172	98	23	29	32	38	25	14	13	7	2
<b>Potatoes, vegetables and cucurbitaceous crops</b>	<b>2073</b>	<b>2165</b>	<b>2277</b>	<b>2161</b>	<b>2155</b>	<b>2105</b>	<b>2041</b>	<b>2031</b>	<b>1997</b>	<b>1967</b>	<b>1950</b>
of which											
potatoes	1429	1532	1629	1590	1585	1556	1514	1464	1453	1413	1409
vegetables grown in open ground (without seed crops)	456	503	538	479	480	476	465	469	451	458	451
<b>Fodder crops</b>	<b>11999</b>	<b>10898</b>	<b>7063</b>	<b>5858</b>	<b>5074</b>	<b>4243</b>	<b>3738</b>	<b>3277</b>	<b>3028</b>	<b>2752</b>	<b>2658</b>
of which											
fodder roots (including fodder sugar beets)	624	480	285	330	324	299	294	277	275	259	247
corn for silage and green fodder	4637	3475	1920	1469	1321	1015	774	675	629	518	485
annual hay grass (including winter crops used for green fodder)	2583	2879	1765	1537	1256	990	891	717	614	567	585
perennial hay grass (hay grass sown in the previous and current years)	3986	3906	2985	2425	2079	1855	1702	1549	1459	1357	1289
<i>Fallow land</i>	<i>1427</i>	<i>1570</i>	<i>3213</i>	<i>2692</i>	<i>3509</i>	<i>2330</i>	<i>2428</i>	<i>1866</i>	<i>1625</i>	<i>1413</i>	<i>1523</i>

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

(percent of the total area)





**8.25. Sown area for agricultural crops in 2009, by region**

(thsd.ha)

	Total sown area	Of which			
		grain crops	industrial crops	potatoes, vegetables and cucurbitaceous crops	fodder crops
<b>Ukraine</b>	<b>26990</b>	<b>15837</b>	<b>6545</b>	<b>1950</b>	<b>2658</b>
Autonomous Republic of Crimea	898	699	94	44	61
<b>oblasts</b>					
Vinnitsya	1527	864	367	118	178
Volyn	484	258	28	78	120
Dnipropetrovsk	1877	1119	605	84	69
Donetsk	1423	745	446	94	138
Zhytomyr	733	404	78	68	183
Zakarpattya	193	85	3	49	56
Zaporizhzhya	1598	876	601	61	60
Ivano-Frankivsk	321	131	24	70	96
Kyiv	1101	648	202	118	133
Kirovohrad	1570	881	566	63	60
Luhansk	1010	526	362	56	66
Lviv	552	273	49	118	112
Mykolayiv	1484	914	477	40	53
Odesa	1782	1222	392	72	96
Poltava	1690	1020	425	87	158
Rivne	507	254	78	76	99
Sumy	981	665	126	74	116
Ternopil	748	477	135	67	69
Kharkiv	1645	982	418	111	134
Kherson	1395	747	470	97	81
Khmelnyskiy	967	561	191	79	136
Cherkasy	1189	708	262	87	132
Chernivtsi	292	128	52	44	68
Chernihiv	1023	650	94	95	184

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.26. Harvested area**

(thsd.ha)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Grain crops	14522	13963	12587	14242	11113	14776	14605	14192	13428	15381	15470
Winter crops	8592	6277	5846	7757	2524	6248	7187	5807	6334	8058	8196
wheat	7549	5299	4888	6477	2029	5024	6105	5029	5516	6747	6430
rye	517	605	636	748	392	715	608	359	336	458	460
barley	526	373	322	532	103	509	474	419	482	853	1306
Summer crops	5930	7686	6741	6485	8589	8528	7418	8385	7094	7323	7274
of which											
wheat	9	180	273	273	427	509	466	482	435	307	323
barley	2186	4040	3367	3621	4498	4006	3876	4818	3607	3314	3688
oats	486	560	481	500	544	510	450	442	356	445	416
corn grain	1223	1161	1279	1189	1989	2300	1660	1720	1903	2440	2089
millet	197	158	367	106	258	377	120	115	92	142	102
buckwheat	362	448	529	308	324	389	396	360	310	282	254
rice	28	22	25	19	22	21	21	22	21	20	25
legumes	1414	1085	383	445	479	367	401	389	315	257	355
Sugar beets (for processing)	1605	1448	747	763	666	697	623	788	577	377	320
Sunflowers	1626	2008	2842	2720	3810	3427	3689	3911	3411	4279	4193
Rape	90	47	157	70	54	107	195	387	800	1380	1014
Soya	88	23	61	98	190	256	422	715	583	538	623
Flax	169	96	20	25	27	32	24	10	11	6	2
Potatoes	1433	1531	1631	1592	1587	1556	1516	1461	1453	1409	1412
Vegetables	447	489	519	471	470	468	464	470	449	458	456
Fodder roots (including fodder sugar beets)	683	496	281	319	317	298	294	277	276	260	249
Corn for silage and green fodder	4730	3493	1843	1414	1266	981	766	666	617	513	483
Annual hay grass	309	264	289	356	361	346	342	320	288	291	283
Perennial hay grass	1425	1442	1249	1086	1042	1048	1001	943	915	931	902

**8.27. Area planted with fruit and berries, and grapes**

(thsd.ha)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Area for fruit and berry plantations	851	794	425	369	338	316	299	281	271	267	260
of which fruit-bearing	680	637	378	332	303	281	266	248	238	233	229
Vineyards	176	155	110	103	99	97	96	93	93	93	91
of which fruit-bearing	143	138	99	91	86	83	81	76	71	71	71

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.28. Output of basic agricultural crops in 1913–2009**

(thsd.t)

	Grain crops		Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruit and berries	Grapes
	total	of which wheat						
1913	23157	7970	9337	71	8546	...	...	...
1940	26420	8407	13052	946	20664	5486	790	161
1950	20448	6701	13925	703	20329	2318	765	66
1955	31655	14243	21751	1385	16984	4677	1054	173
1960	21368	6645	29050	1603	19461	4948	1038	423
1965	30940	15791	41153	2544	18157	5350	1860	958
1970	35422	15177	41847	2530	19726	5807	2350	904
1975	32802	17747	35925	2277	16469	6038	2510	1187
1980	36625	20567	37558	2119	13133	7186	2253	886
1985	38899	16482	38326	2168	20315	7384	3420	430
1990	51009	30374	44264	2571	16732	6666	2902	836
1995	33930	16273	29650	2860	14729	5880	1897	457
2000	24459	10197	13199	3457	19838	5821	1453	514
2001	39706	21348	15575	2251	17344	5907	1106	336
2002	38804	20556	14452	3271	16619	5827	1211	359
2003	20234	3599	13392	4254	18453	6538	1697	505
2004	41809	17520	16600	3050	20755	6964	1635	374
2005	38016	18699	15468	4706	19462	7295	1690	443
2006	34258	13947	22421	5324	19467	8058	1114	301
2007	29295	13938	16978	4174	19102	6835	1470	360
2008	53290	25885	13438	6526	19545	7965	1504	415
2009	46028	20886	10067	6364	19666	8341	1618	469

**8.29. Output of basic agricultural crops**

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Grain crops	51009	33930	24459	38804	20234	41809	38016	34258	29295	53290	46028
Winter crops	33560	18163	11348	22834	3658	19386	19744	14444	14609	28763	24608
wheat	30348	15969	9775	19978	2866	16361	17683	12880	13173	25050	20037
rye	1259	1207	966	1509	620	1589	1053	582	561	1050	952
barley	1953	987	607	1347	172	1436	1008	982	875	2663	3619
Summer crops	17449	15767	13111	15970	16576	22423	18272	19814	14686	24527	21420
of which											
wheat	26	304	422	578	733	1159	1016	1067	765	835	849
barley	7216	8646	6265	9017	6662	9649	7967	10359	5106	9949	8214
oats	1303	1116	881	943	941	1007	791	690	544	944	731
corn grain	4737	3392	3848	4180	6875	8867	7167	6426	7421	11447	10486
millet	338	268	426	112	341	459	141	123	84	221	139
buckwheat	420	341	481	209	311	294	275	229	217	241	189
rice	118	80	90	75	84	80	93	100	108	101	143
legumes	3266	1570	652	810	571	812	758	747	357	550	622
Sugar beets (for processing)	44264	29650	13199	14452	13392	16600	15468	22421	16978	13438	10067
Sunflowers	2571	2860	3457	3271	4254	3050	4706	5324	4174	6526	6364
Rape	130	40	132	61	51	149	285	606	1047	2873	1873
Soya	99	22	64	125	232	363	613	890	723	813	1044
Flax (fiber)	108	48	8	11	11	16	13	5	4	3	1
Potatoes	16732	14729	19838	16619	18453	20755	19462	19467	19102	19545	19666
Vegetables	6666	5880	5821	5827	6538	6964	7295	8058	6835	7965	8341
Fodder roots (of which fodder sugar beets)	27270	13470	6672	7449	7786	8139	8015	7746	7525	8011	7534
Corn for silage and green fodder	98372	61920	24183	17114	18822	14261	12509	10315	8739	9163	8597
Annual hay grass	1104	774	647	803	769	888	942	962	799	902	866
Perennial hay grass	5511	4368	2572	2519	2263	2704	2969	2989	2758	3287	2903
Fruit and berries	2902	1897	1453	1211	1697	1635	1690	1114	1470	1504	1618
Grapes	836	457	514	359	505	374	443	301	360	415	469

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

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Agricultural enterprises</b>											
Grain crops	49564	31182	19964	29485	14596	31709	28791	25698	22848	42094	35842
Sugar beets (for processing)	44261	28884	11594	10672	10365	12760	12146	19042	14764	11796	9151
Sunflowers	2509	2734	3025	2727	3576	2406	3710	4156	3374	5289	5177
Potatoes	4793	618	277	229	263	272	239	275	389	437	518
Vegetables	4872	1607	986	707	828	769	781	974	713	1109	1120
Fruit and berries	1347	311	264	176	408	187	200	136	198	232	215
Grapes	665	336	360	223	324	212	258	155	235	282	310
<b>of which farms</b>											
Grain crops	0	508	1256	3484	1551	4148	4083	4227	3250	6857	5556
Sugar beets (for processing)	—	652	755	1164	1128	1410	1373	2360	1410	818	454
Sunflowers	0	86	347	440	598	430	735	847	689	1183	1139
Potatoes	—	16	56	72	86	90	85	94	117	136	133
Vegetables	0	27	83	109	132	143	156	224	168	276	224
Fruit and berries	0	1	4	5	7	8	11	11	13	23	23
Grapes	0	0	1	1	2	3	3	3	6	7	9
<b>Agricultural holdings of households</b>											
Grain crops	1445	2748	4495	9319	5638	10100	9225	8560	6447	11196	10186
Sugar beets (for processing)	3	766	1605	3780	3027	3840	3322	3379	2214	1642	916
Sunflowers	62	126	432	544	678	644	996	1168	800	1237	1187
Potatoes	11939	14111	19561	16390	18190	20483	19223	19192	18713	19108	19148
Vegetables	1794	4273	4835	5120	5710	6195	6514	7084	6122	6856	7221
Fruit and berries	1555	1586	1189	1035	1289	1448	1490	978	1272	1272	1403
Grapes	171	121	154	136	181	162	185	146	125	133	159

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.31. Output of grain crops, by region**

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>51009</b>	<b>33930</b>	<b>24459</b>	<b>38804</b>	<b>20234</b>	<b>41809</b>	<b>38016</b>	<b>34258</b>	<b>29295</b>	<b>53290</b>	<b>46028</b>
Autonomous Republic of Crimea	1988	1505	1064	1106	665	1205	1160	1221	1228	1734	1662
<b>oblasts</b>											
Vinnitsya	3074	2230	1745	2322	1213	2097	2035	2075	1686	3378	3092
Volyn	922	819	503	687	560	780	677	524	573	717	640
Dnipropetrovsk	3552	2043	1571	2979	1279	3057	2908	2635	1672	3694	2817
Donetsk	2551	1482	1011	2001	699	2045	1912	1646	1187	2332	1724
Zhytomyr	1352	1110	721	890	478	821	750	725	741	1102	1238
Zakarpattia	306	197	167	261	272	355	296	287	301	316	302
Zaporizhzhya	3094	1533	1150	1897	621	1837	1806	1762	1241	2780	2131
Ivano-Frankivsk	503	422	253	320	263	358	335	293	300	399	402
Kyiv	2112	1544	1431	1848	1370	2314	2284	1856	1796	2593	2483
Kirovohrad	3210	1971	1378	2591	1186	2679	2479	2410	1278	3003	2534
Luhansk	1877	1021	442	1025	627	1134	1311	845	800	1640	1055
Lviv	1010	866	481	683	577	678	627	587	612	837	822
Mykolayiv	2706	1660	921	2430	800	2697	1763	1951	641	2386	2465
Odesa	2674	1956	1581	2897	1214	3647	2669	2808	1263	3681	2839
Poltava	3450	2016	1408	2761	1529	3008	2851	2447	2866	4531	3830
Rivne	865	755	495	681	410	636	599	483	569	770	696
Sumy	1887	1380	968	1305	807	1284	1119	890	1289	2366	2005
Ternopil	1319	1204	741	908	736	1035	1045	905	1125	1598	1574
Kharkiv	3008	1424	1268	2643	1076	2145	2407	1717	2163	3797	2527
Kherson	2792	1772	1166	1537	405	1936	1539	1474	810	2202	1769
Khmelnyskiy	2063	1612	1242	1405	830	1427	1205	938	1247	1815	1702
Cherkasy	2375	1674	1594	1947	1235	2339	2217	2109	1842	2978	3195
Chernivtsi	582	485	326	442	325	427	427	373	414	480	475
Chernihiv	1737	1249	832	1238	1057	1868	1595	1297	1651	2161	2049

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>44264</b>	<b>29650</b>	<b>13199</b>	<b>14452</b>	<b>13392</b>	<b>16600</b>	<b>15468</b>	<b>22421</b>	<b>16978</b>	<b>13438</b>	<b>10067</b>
Autonomous Republic of Crimea	—	22	—	—	—	—	—	—	—	—	—
<b>oblasts</b>											
Vinnitsya	5749	3981	1916	2069	1728	2488	2050	2861	2895	2237	1405
Volyn	1168	597	486	555	572	718	711	809	544	301	262
Dnipropetrovsk	672	763	270	383	326	437	359	585	156	43	39
Donetsk	—	157	37	50	39	68	47	69	18	25	15
Zhytomyr	1300	975	388	460	524	707	595	907	668	343	216
Zaporizhzhya	2	98	27	36	27	50	26	47	8	8	—
Ivano-Frankivsk	665	427	202	179	140	149	151	171	97	54	18
Kyiv	3261	2565	1216	1820	1528	1659	1562	2291	1610	998	748
Kirovohrad	2541	1898	642	750	640	917	699	1119	398	517	331
Luhansk	—	96	78	46	18	24	18	18	12	5	—
Lviv	1597	924	401	422	422	518	437	603	499	584	316
Mykolayiv	989	582	130	202	253	234	146	283	53	14	9
Odesa	873	524	214	248	224	223	116	240	63	25	—
Poltava	4625	2711	975	1115	1033	1465	1543	2364	2196	2701	2078
Rivne	1639	763	431	437	424	572	582	899	1117	833	835
Sumy	2973	1658	773	706	839	796	644	895	502	328	333
Ternopil	3313	2011	1202	1204	1102	1280	1476	2237	2059	1403	1209
Kharkiv	2802	2510	1117	1087	1221	1346	1103	1593	1079	824	482
Kherson	—	81	25	52	46	52	33	40	0	2	—
Khmelnyskiy	3978	2369	1146	901	788	979	1041	1421	1343	863	912
Cherkasy	4097	2634	860	1005	859	1149	1253	2019	1114	854	603
Chernivtsi	975	557	322	275	163	193	181	161	134	109	35
Chernihiv	1045	747	341	450	476	576	695	789	413	367	221

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>2571</b>	<b>2860</b>	<b>3457</b>	<b>3271</b>	<b>4254</b>	<b>3050</b>	<b>4706</b>	<b>5324</b>	<b>4174</b>	<b>6526</b>	<b>6364</b>
Autonomous Republic of Crimea	43	37	38	15	24	30	26	37	16	29	18
<b>oblasts</b>											
Vinnitsya	67	69	67	66	92	64	87	113	99	218	223
Volyn	0	0	0	0	0	0	0	0	0	0	0
Dnipropetrovsk	310	390	452	491	609	359	613	762	618	851	829
Donetsk	302	361	462	460	430	349	473	552	492	747	677
Zhytomyr	0	0	0	1	3	2	6	3	3	7	10
Zakarpattia	1	2	1	2	2	2	2	2	2	2	2
Zaporizhzhya	284	354	444	450	479	464	735	801	514	824	765
Ivano-Frankivsk	0	0	1	1	1	1	1	0	0	1	2
Kyiv	6	8	25	19	44	25	47	47	41	82	93
Kirovohrad	253	239	305	326	510	270	525	508	398	636	717
Luhansk	219	258	238	222	259	216	312	376	402	459	417
Lviv	—	0	—	0	0	0	0	1	—	0	0
Mykolayiv	220	219	251	232	412	259	427	499	260	517	553
Odesa	236	195	311	266	388	278	340	368	112	313	231
Poltava	174	186	201	177	273	159	288	292	347	458	484
Rivne	0	0	0	0	0	0	0	1	0	3	2
Sumy	27	39	40	27	35	14	27	34	54	112	97
Ternopil	0	0	1	1	1	1	1	4	3	11	10
Kharkiv	248	293	342	312	336	216	301	377	490	587	618
Kherson	96	115	155	102	173	216	289	352	147	365	240
Khmelnyskiy	0	1	3	2	5	5	3	4	6	20	24
Cherkasy	82	86	107	85	158	103	181	171	152	238	307
Chernivtsi	1	6	6	8	8	11	10	7	5	9	7
Chernihiv	2	2	7	6	12	6	12	13	13	37	38



AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>16732</b>	<b>14729</b>	<b>19838</b>	<b>16619</b>	<b>18453</b>	<b>20755</b>	<b>19462</b>	<b>19467</b>	<b>19102</b>	<b>19545</b>	<b>19666</b>
Autonomous Republic of Crimea	251	332	250	151	146	201	159	180	187	350	401
<b>oblasts</b>											
Vinnitsya	1072	1181	1418	1243	1317	1578	1523	1385	1140	1549	1558
Volyn	1198	622	1194	1127	1042	1030	975	853	900	937	966
Dnipropetrovsk	302	398	683	389	595	674	584	581	379	570	450
Donetsk	312	615	763	554	564	789	720	705	621	624	552
Zhytomyr	1021	846	1065	823	1134	1191	1111	991	1039	1060	1100
Zakarpattia	337	327	478	534	522	561	544	565	589	576	611
Zaporizhzhya	217	144	291	196	223	369	329	366	118	306	200
Ivano-Frankivsk	622	507	845	841	834	857	755	742	775	551	819
Kyiv	1102	1236	1351	1037	1320	1181	1121	1303	1390	1478	1360
Kirovohrad	353	532	317	364	434	657	532	500	299	483	426
Luhansk	223	301	359	234	356	446	670	602	509	534	419
Lviv	1332	899	1510	1567	1462	1471	1297	1472	1522	1371	1504
Mykolayiv	239	231	73	133	193	226	213	207	105	180	168
Odesa	249	212	316	180	136	337	406	298	110	201	184
Poltava	603	503	694	539	768	942	950	927	892	910	902
Rivne	884	648	876	891	962	1087	912	1046	1055	1011	1022
Sumy	939	618	928	772	927	939	917	782	1049	896	987
Ternopil	1019	551	1043	794	777	803	682	807	894	789	916
Kharkiv	472	763	1183	720	829	1064	1270	958	1145	854	717
Kherson	210	212	295	230	239	252	207	222	209	248	245
Khmelnyskiy	1055	793	1077	1014	998	1117	978	1153	1433	1262	1284
Cherkasy	735	708	940	710	772	976	929	897	621	837	831
Chernivtsi	387	306	418	426	381	435	420	446	511	461	509
Chernihiv	1598	1244	1471	1150	1522	1572	1258	1479	1610	1507	1535

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>6666</b>	<b>5880</b>	<b>5821</b>	<b>5827</b>	<b>6538</b>	<b>6964</b>	<b>7295</b>	<b>8058</b>	<b>6835</b>	<b>7965</b>	<b>8341</b>
Autonomous Republic of Crimea	428	225	186	159	132	127	128	160	210	286	398
<b>oblasts</b>											
Vinnitsya	238	208	196	147	234	241	293	318	231	318	303
Volyn	125	117	111	108	171	185	215	233	253	234	245
Dnipropetrovsk	456	638	433	434	492	499	494	525	469	541	554
Donetsk	618	488	444	471	401	519	475	533	454	413	431
Zhytomyr	149	203	194	163	205	207	203	219	190	211	210
Zakarpattia	128	122	123	194	208	216	218	227	235	240	244
Zaporizhzhya	310	299	231	209	252	311	298	367	237	279	258
Ivano-Frankivsk	99	87	134	152	151	131	127	126	123	107	119
Kyiv	464	381	295	261	333	309	402	459	439	513	461
Kirovohrad	183	249	213	258	325	300	269	253	164	247	234
Luhansk	288	246	249	172	159	180	278	341	231	311	275
Lviv	182	164	269	295	327	328	380	403	432	422	412
Mykolayiv	285	185	174	170	180	221	267	297	152	274	334
Odesa	462	232	301	321	436	599	526	569	241	486	483
Poltava	286	319	199	307	344	376	350	409	399	377	427
Rivne	127	104	134	145	170	185	171	189	171	219	216
Sumy	192	99	138	144	173	162	140	205	178	137	191
Ternopil	140	118	140	130	156	123	145	161	170	206	188
Kharkiv	277	396	416	409	455	500	523	537	545	509	488
Kherson	423	277	421	426	437	440	526	622	500	697	911
Khmelnyskiy	185	188	155	170	169	225	225	210	196	213	221
Cherkasy	321	253	344	281	320	252	296	316	225	297	330
Chernivtsi	124	76	146	134	135	152	184	186	196	190	209
Chernihiv	176	206	175	167	173	176	162	193	194	238	199

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>2902</b>	<b>1897</b>	<b>1453</b>	<b>1211</b>	<b>1697</b>	<b>1635</b>	<b>1690</b>	<b>1114</b>	<b>1470</b>	<b>1504</b>	<b>1618</b>
Autonomous Republic of Crimea	501	90	133	35	126	30	59	37	55	106	77
<b>oblasts</b>											
Vinnitsya	240	142	73	65	182	148	185	153	208	162	213
Volyn	93	56	39	32	29	33	28	33	32	31	35
Dnipropetrovsk	159	126	196	146	165	164	166	78	152	157	108
Donetsk	160	140	158	134	158	217	228	44	93	96	98
Zhytomyr	47	53	24	32	32	24	35	28	31	24	42
Zakarpattia	139	116	104	72	86	64	66	63	64	84	94
Zaporizhzhya	152	88	58	47	83	78	81	18	67	68	20
Ivano-Frankivsk	69	118	25	32	32	31	32	32	31	32	36
Kyiv	77	53	22	33	48	37	25	24	28	26	42
Kirovohrad	34	42	24	17	17	26	22	17	17	20	20
Luhansk	102	68	53	39	62	36	38	8	29	24	18
Lviv	113	149	90	79	75	90	74	90	91	88	91
Mykolayiv	85	71	24	20	37	32	37	21	23	37	29
Odesa	111	35	66	65	105	110	114	81	49	68	64
Poltava	102	110	22	28	30	35	40	36	59	66	117
Rivne	72	41	35	39	39	68	52	63	55	58	68
Sumy	38	8	5	5	7	8	9	6	8	9	10
Ternopil	38	24	11	20	17	23	21	17	18	17	21
Kharkiv	147	109	34	34	72	44	71	25	74	49	64
Kherson	87	31	65	43	81	51	59	14	33	41	41
Khmelnyskiy	146	79	78	79	86	162	149	128	148	137	175
Cherkasy	69	24	36	37	43	35	24	29	27	27	29
Chernivtsi	87	72	53	54	64	69	63	58	62	62	88
Chernihiv	34	52	25	24	21	20	12	11	16	15	18

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>835,7</b>	<b>457,3</b>	<b>513,8</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>	<b>415,3</b>	<b>468,7</b>
Autonomous Republic of Crimea	315,7	116,2	179,4	90,9	167,7	83,0	116,3	58,7	118,6	116,9	125,3
<b>oblasts</b>											
Vinnitsya	2,6	2,4	0,7	0,6	0,3	2,1	2,1	2,3	2,4	2,6	2,8
Volyn	0,1	0,1	0,3	0,2	0,4	0,4	0,3	0,3	0,3	0,3	0,3
Dnipropetrovsk	6,0	6,4	5,3	5,0	5,2	5,7	6,6	5,5	6,6	7,0	6,7
Donetsk	1,6	11,8	16,1	13,0	14,0	9,5	11,5	3,3	6,3	6,4	6,4
Zhytomyr	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Zakarpattia	28,5	13,8	41,9	26,0	31,2	31,3	27,2	25,0	21,4	21,4	18,9
Zaporizhzhya	9,0	12,8	3,1	2,3	8,6	1,2	4,7	2,0	6,3	7,3	5,9
Ivano-Frankivsk	0,5	0,4	0,7	0,7	0,6	0,7	0,7	0,8	0,8	0,7	0,7
Kyiv	1,2	0,1	0,1	0,3	0,2	0,2	0,2	0,2	0,2	0,2	0,5
Kirovohrad	0,8	0,8	1,5	0,7	0,5	0,3	0,6	1,0	1,4	1,3	1,5
Luhansk	0,6	0,6	1,4	1,3	1,5	1,1	1,1	0,6	1,0	0,9	1,0
Lviv	0,3	0,3	1,4	1,3	1,1	1,3	1,2	1,2	1,2	1,2	1,2
Mykolayiv	61,4	56,1	30,2	26,3	30,6	25,0	37,4	21,4	27,1	48,7	45,8
Odesa	337,6	194,6	201,4	163,4	210,7	179,4	193,3	167,4	142,5	154,2	206,1
Poltava	0,3	0,3	0,4	0,5	0,6	0,7	0,6	0,7	0,7	1,1	1,5
Rivne	0,0	0,0	0,1	0,1	0,1	0,1	0,2	0,1	0,1	0,1	0,2
Sumy	0,0	0,0	0,2	0,2	0,3	0,3	0,3	0,2	0,2	0,3	0,2
Ternopil	0,0	0,1	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Kharkiv	0,7	0,7	1,1	0,6	0,7	0,4	0,4	0,3	0,6	0,6	0,7
Kherson	68,3	38,6	26,3	23,4	28,3	29,1	36,1	8,0	19,8	41,7	40,9
Khmelnyskiy	0,0	0,0	0,3	0,3	0,3	0,3	0,3	0,4	0,5	0,6	0,5
Cherkasy	0,4	0,7	0,5	0,6	0,7	0,7	0,5	0,4	0,4	0,5	0,3
Chernivtsi	0,0	0,4	1,0	1,2	0,9	0,8	0,7	0,8	0,9	0,9	0,9
Chernihiv	0,1	0,1	0,3	0,2	0,2	0,2	0,1	0,1	0,2	0,2	0,2

**8.38. Yields of basic agricultural crops in 1940–2009**

(1 ha; centner)

	Grain crops	Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruit and berries	Grapes
1940	12,4	159	13,1	101	113	22,8	21,8
1950	10,2	168	8,1	107	62	21,2	13,1
1955	15,5	199	14,8	79	103	26,1	27,1
1960	15,5	199	10,6	89	103	22,1	34,3
1965	18,8	221	14,3	86	112	31,2	35,9
1970	22,8	252	14,8	99	120	25,9	37,6
1975	19,8	203	13,6	88	116	29,5	59,1
1980	22,5	213	13,0	79	146	28,7	51,0
1985	24,2	234	14,6	133	148	47,2	32,1
1990	35,1	276	15,8	117	149	42,7	58,3
1995	24,3	205	14,2	96	120	29,8	33,2
2000	19,4	177	12,2	122	112	38,4	51,7
2001	27,1	183	9,4	108	123	30,5	35,4
2002	27,3	189	12,0	104	124	36,5	39,4
2003	18,2	201	11,2	116	139	56,0	59,0
2004	28,3	238	8,9	133	149	58,1	45,2
2005	26,0	248	12,8	128	157	63,7	54,9
2006	24,1	285	13,6	133	171	45,0	39,7
2007	21,8	294	12,2	131	152	61,7	50,5
2008	34,6	356	15,3	139	174	64,4	58,6
2009	29,8	315	15,2	139	183	70,7	66,0

**8.39. Yields of basic of agricultural crops**

(1 ha; centner)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Grain crops	35,1	24,3	19,4	27,3	18,2	28,3	26,0	24,1	21,8	34,6	29,8
Winter crops	39,1	28,9	19,4	29,4	14,5	31,0	27,5	24,9	23,1	35,7	30,0
wheat	40,2	30,1	20,0	30,8	14,1	32,6	29,0	25,6	23,9	37,1	31,2
rye	24,3	20,0	15,2	20,2	15,8	22,2	17,3	16,2	16,7	22,9	20,7
barley	37,2	26,5	18,9	25,3	16,7	28,2	21,2	23,5	18,2	31,2	27,7
Summer crops	29,4	20,5	19,5	24,6	19,3	26,3	24,6	23,6	20,7	33,5	29,4
of which											
wheat	30,2	16,9	15,4	21,2	17,2	22,8	21,8	22,1	17,6	27,2	26,3
barley	33,0	21,4	18,6	24,9	14,8	24,1	20,6	21,5	14,2	30,0	22,3
oats	26,8	19,9	18,3	18,9	17,3	19,7	17,6	15,6	15,3	21,2	17,6
corn grain	38,7	29,2	30,1	35,2	34,6	38,6	43,2	37,4	39,0	46,9	50,2
millet	17,2	17,0	11,6	10,5	13,2	12,2	11,7	10,8	9,2	15,6	13,6
buckwheat	11,6	7,6	9,1	6,8	9,6	7,6	6,9	6,4	7,0	8,5	7,4
rice	42,5	36,4	35,6	40,0	37,5	37,7	43,4	46,0	51,1	50,9	58,3
legumes	23,1	14,5	17,0	18,2	11,9	22,1	18,9	19,2	11,4	21,4	17,5
Sugar beets (for processing)	276	205	177	189	201	238	248	285	294	356	315
Sunflowers	15,8	14,2	12,2	12,0	11,2	8,9	12,8	13,6	12,2	15,3	15,2
Rape	14,5	8,5	8,4	8,7	9,4	13,9	14,6	15,7	13,1	20,8	18,5
Soya	11,3	9,7	10,6	12,7	12,2	14,2	14,5	12,4	12,4	15,1	16,8
Flax (fiber)	6,4	5,0	4,2	4,5	4,1	5,0	5,4	5,1	3,3	5,1	6,5
Potatoes	117	96	122	104	116	133	128	133	131	139	139
Vegetables	149	120	112	124	139	149	157	171	152	174	183
Fodder roots (including fodder sugar beets)	399	272	238	234	246	273	273	279	273	309	303
Corn for silage and green fodder	208	177	131	121	149	146	163	155	142	179	178
Annual hay grass	35,7	29,4	22,4	22,6	21,3	25,7	27,5	30,0	27,8	31,1	30,6
Perennial hay grass	38,7	30,3	20,6	23,2	21,7	25,8	29,7	31,7	30,1	35,3	32,2
Fruit and berries	42,7	29,8	38,4	36,5	56,0	58,1	63,7	45,0	61,7	64,4	70,7
Grapes	58,3	33,2	51,7	39,4	59,0	45,2	54,9	39,7	50,5	58,6	66,0

**8.40. Yields of grain crops in 2009, by region**

(1 ha; centner)

	Grain crops	Including					
		wheat	rye	barley	oats	corn grain	millet
<b>Ukraine</b>	<b>29,8</b>	<b>30,9</b>	<b>20,7</b>	<b>23,7</b>	<b>17,6</b>	<b>50,2</b>	<b>13,6</b>
Autonomous Republic of Crimea	24,4	23,2	16,4	23,5	16,0	88,1	18,8
<b>oblasts</b>							
Vinnitsya	37,0	39,9	23,5	26,6	18,6	58,1	12,3
Volyn	25,2	27,6	17,9	23,9	19,5	61,9	8,9
Dnipropetrovsk	26,1	29,8	20,5	20,4	12,2	31,1	13,6
Donetsk	24,1	28,6	22,2	16,5	11,7	28,3	14,3
Zhytomyr	31,1	32,6	18,2	27,7	17,4	69,2	12,7
Zakarpattia	36,3	29,2	28,5	26,9	19,2	46,7	—
Zaporizhzhya	24,5	28,3	18,9	19,5	13,0	26,1	10,1
Ivano-Frankivsk	32,5	30,0	21,7	28,7	20,0	50,0	6,7
Kyiv	38,5	36,8	21,5	31,1	19,3	63,5	12,3
Kirovohrad	29,4	31,0	23,9	24,0	18,6	47,0	18,1
Luhansk	20,7	24,3	18,2	15,4	10,7	19,3	12,5
Lviv	30,5	31,3	20,2	28,0	19,8	53,8	22,2
Mykolayiv	27,6	29,5	25,0	25,8	15,3	39,2	15,2
Odesa	24,0	26,4	21,9	23,3	12,7	27,3	9,8
Poltava	37,9	35,6	22,0	24,4	19,3	59,0	18,5
Rivne	27,8	30,8	19,8	27,5	19,7	47,9	5,8
Sumy	30,6	34,3	22,1	23,5	18,4	52,5	15,4
Ternopil	33,6	35,4	19,3	27,5	18,6	53,8	9,3
Kharkiv	26,7	31,0	22,3	20,1	11,7	35,5	15,0
Kherson	23,9	24,4	12,3	21,4	8,1	54,6	8,3
Khmelnyskiy	31,6	35,1	24,4	24,9	19,5	59,5	10,8
Cherkasy	46,0	45,2	29,8	32,4	23,4	69,4	23,1
Chernivtsi	38,2	34,6	21,2	24,4	16,7	47,5	14,7
Chernihiv	31,9	33,2	20,6	27,5	18,6	51,6	13,1

**8.41. Yields of major of agricultural crops in 2009, by region**

(1 ha; centner)

	Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruits and berries
<b>Ukraine</b>	<b>315</b>	<b>15,2</b>	<b>139</b>	<b>183</b>	<b>70,7</b>
Autonomous Republic of Crimea	—	8,6	150	177	55,0
<b>oblasts</b>					
Vinnitsya	290	20,9	154	197	97,3
Volyn	307	9,2	145	219	87,3
Dnipropetrovsk	345	15,3	92	186	76,3
Donetsk	160	15,6	90	151	101,5
Zhytomyr	205	15,8	187	224	80,6
Zakarpattia	—	12,4	169	186	75,5
Zaporizhzhya	—	13,8	65	121	22,3
Ivano-Frankivsk	256	17,4	136	129	42,2
Kyiv	302	20,9	146	204	44,1
Kirovohrad	280	17,6	100	137	35,2
Luhansk	—	11,9	107	202	26,8
Lviv	357	10,5	158	183	70,0
Mykolayiv	189	13,8	87	201	52,3
Odesa	—	10,5	51	163	67,4
Poltava	373	22,3	147	197	159,4
Rivne	364	15,5	156	203	95,5
Sumy	389	16,1	155	204	30,2
Ternopil	320	18,7	160	204	37,7
Kharkiv	200	18,0	93	174	57,3
Kherson	—	8,2	102	221	54,0
Khmelnyskiy	326	15,9	187	218	113,3
Cherkasy	341	22,8	132	157	47,3
Chernivtsi	129	14,7	161	181	72,8
Chernihiv	371	15,8	185	181	46,1



#### 8.42. Collective horticulture<sup>1</sup> and market gardening

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

<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

#### 8.43. Use of fertilisers for agricultural crops in agricultural enterprises

	1990	1996	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Mineral fertilisers</b>											
Fertilisers used in conventional units, total, thsd.t	4241,6	524,7	278,7	399,2	379,0	518,6	557,9	699,3	896,5	1064,7	886,8
Fertilised area, mln.ha	25,1	8,2	4,6	6,2	5,8	7,9	7,8	9,5	10,9	12,9	11,5
Share of fertilised area, percent	83	32	22	33	34	44	45	55	62	69	63
Fertilisers in conventional units used per 1 hectare of sown area, kg	141	21	13	21	22	29	32	40	51	57	48
<b>Organic fertilisers</b>											
Fertilisers, total, mln.t	257,1	80,6	28,4	22,7	17,4	15,1	13,2	13,0	11,9	10,5	10,4
Fertilised area, mln.ha	5,4	1,8	0,7	0,7	0,6	0,5	0,5	0,5	0,5	0,5	0,5
Share of fertilised area, percent	18	7	3	4	3	3	3	3	3	3	3
Fertilisers used per 1 hectare of sown area, t	8,6	3,2	1,3	1,2	1,0	0,8	0,8	0,7	0,7	0,6	0,6

**8.44. Supply of crop products for processing enterprises**

(thsd.t)

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

<sup>1</sup> Including own production of processing enterprises

**CATTLE RAISING**

**8.45. Livestock and poultry population in 1915–2009**

*(end of year; thsd. heads)*

	Cattle		Pigs	Sheep and goats		Horses	Poultry, mln. heads
	total	of which cows		total	of which sheep		
1915	9132	4116	6469	6904	6849	6454	...
1940	10996	5965	9186	7325	6700	4674	...
1950	11182	4811	7765	6740	5465	2245	...
1955	12424	6209	11736	9261	8052	2199	95,8
1960	17632	7813	18194	10631	10062	1840	129,6
1965	21324	8481	18920	9342	8646	1537	120,5
1970	21352	8563	20746	8971	8614	1322	155,2
1975	24180	8978	16847	9115	8863	1057	168,3
1980	25368	9271	19783	9051	8815	837	233,6
1985	26638	8851	20088	9222	8879	827	252,6
1990	24623	8378	19427	8419	7896	738	246,1
1995	17557	7531	13144	4099	3209	756	149,8
2000	9424	4958	7652	1875	963	701	123,7
2001	9421	4918	8370	1965	967	693	136,8
2002	9108	4716	9204	1984	950	684	147,4
2003	7712	4284	7322	1859	893	637	142,4
2004	6903	3926	6466	1755	875	591	152,8
2005	6514	3635	7053	1630	872	555	162,0
2006	6175	3347	8055	1617	925	534	166,5
2007	5491	3096	7020	1679	1034	498	169,3
2008	5079	2856	6526	1727	1096	466	177,6
2009	4827	2737	7577	1833	1197	443	191,4

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(end of year; thsd. heads)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>All categories</b>											
Cattle	24623	17557	9424	9108	7712	6903	6514	6175	5491	5079	4827
of which cows	8378	7531	4958	4716	4284	3926	3635	3347	3096	2856	2737
Pigs	19427	13144	7652	9204	7322	6466	7053	8055	7020	6526	7577
Sheep and goats	8419	4099	1875	1984	1859	1755	1630	1617	1679	1727	1833
of which sheep	7896	3209	963	950	893	875	872	925	1034	1096	1197
Poultry of all types, mln. heads	246,1	149,8	123,7	147,4	142,4	152,8	162,0	166,5	169,3	177,6	191,4
<b>Agricultural enterprises</b>											
Cattle	21083	13701	5037	4194	3165	2691	2492	2294	1927	1720	1627
of which cows	6192	4595	1851	1402	1100	950	866	764	679	624	605
Pigs	14071	7152	2414	3391	2273	2098	2602	3257	2870	2731	3308
Sheep and goats	7166	2424	413	362	301	271	271	283	301	300	316
of which sheep	7164	2420	412	360	299	269	269	281	298	298	313
Poultry of all types, mln. heads	133,0	54,1	25,3	41,7	42,3	50,6	66,6	72,2	80,1	88,0	100,4
<b>including farms</b>											
Cattle	0	27	102	120	106	103	110	112	105	99	98
of which cows	0	16	36	38	36	36	38	38	38	37	37
Pigs	0	40	54	101	88	82	150	232	248	231	273
Sheep and goats	0	20	6	12	18	27	33	43	54	56	60
of which sheep	0	17	6	12	18	27	33	43	54	56	59
Poultry of all types, mln. heads	0,0	0,3	0,1	0,4	0,3	0,4	1,1	1,1	1,6	2,3	2,7
<b>Agricultural holdings of households</b>											
Cattle	3540	3856	4387	4914	4547	4212	4022	3881	3564	3359	3200
of which cows	2186	2936	3107	3314	3184	2976	2769	2583	2417	2232	2132
Pigs	5356	5992	5238	5813	5049	4368	4451	4798	4150	3795	4269
Sheep and goats	1253	1675	1462	1622	1558	1484	1359	1334	1378	1427	1517
of which sheep	732	789	551	590	594	606	603	644	736	798	884
Poultry of all types, mln. heads	113,1	95,7	98,4	105,7	100,1	102,2	95,4	94,3	89,2	89,6	91,0

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.47. Livestock and poultry population in 2009, by region**

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry
	total	of which cows			
<b>Ukraine</b>	<b>4826,7</b>	<b>2736,5</b>	<b>7576,6</b>	<b>1832,5</b>	<b>191446,4</b>
Autonomous Republic of Crimea	176,1	87,0	196,9	379,1	11405,3
<b>oblasts</b>					
Vinnitsya	346,7	183,6	423,8	38,9	8974,4
Volyn	213,0	129,3	333,4	15,9	5558,2
Dnipropetrovsk	139,6	83,4	518,9	62,7	17049,3
Donetsk	148,9	73,6	444,3	87,9	13338,6
Zhytomyr	240,7	148,0	207,1	24,5	5312,8
Zakarpattia	147,8	104,0	282,5	136,3	2988,4
Zaporizhzhya	113,9	64,1	335,4	47,1	6256,9
Ivano-Frankivsk	199,9	125,6	210,5	24,6	5248,0
Kyiv	161,4	86,2	486,4	27,9	20346,5
Kirovohrad	131,7	71,8	260,3	40,6	4374,8
Luhansk	120,2	63,5	147,3	62,2	5930,2
Lviv	283,7	171,7	305,8	22,5	8148,0
Mykolayiv	144,5	93,5	147,7	53,2	3856,2
Odesa	187,8	105,4	359,1	415,6	5433,6
Poltava	282,5	142,3	364,6	43,9	5179,3
Rivne	190,9	121,0	335,1	15,5	5432,5
Sumy	178,1	104,8	199,3	40,1	3510,0
Ternopil	197,6	116,1	351,7	11,3	4335,6
Kharkiv	192,0	98,6	246,4	62,3	8411,6
Kherson	131,4	80,1	195,3	66,3	3905,0
Khmelnyskiy	284,7	160,8	316,9	25,0	3883,8
Cherkasy	220,3	100,5	471,0	41,0	25573,8
Chernivtsi	135,8	74,1	191,5	54,4	3255,7
Chernihiv	257,5	147,5	245,4	33,7	3737,9

**8.48. Output of basic animal products in 1940–2009**

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

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

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>All categories</b>											
Meat (slaughter weight), thsd.t	4358	2294	1663	1648	1725	1600	1597	1723	1912	1906	1917
of which											
beef and veal	1986	1186	754	704	723	618	562	567	546	480	454
pork	1576	807	676	599	631	559	494	526	635	590	526
poultry	708	235	193	300	324	375	497	589	689	794	894
Milk, mln.t	24,5	17,3	12,7	14,1	13,7	13,7	13,7	13,3	12,3	11,8	11,6
Eggs, mln.pcs	16287	9404	8809	11309	11477	11955	13046	14235	14063	14957	15908
Wool, thsd.t	29,8	13,9	3,4	3,4	3,3	3,2	3,2	3,3	3,4	3,7	4,1
<b>Agricultural enterprises</b>											
Meat (slaughter weight), thsd.t	3099	1107	438	447	530	514	588	736	919	980	1034
of which											
beef and veal	1808	816	305	229	239	174	154	159	167	131	114
pork	894	203	91	94	124	107	111	162	222	211	207
poultry	357	65	36	120	162	229	320	413	527	635	711
Milk, mln.t	18,6	9,5	3,7	3,4	2,7	2,5	2,6	2,5	2,2	2,1	2,2
Eggs, mln.pcs	10126	4171	2977	4983	5040	5531	6458	7633	7605	8471	9258
Wool, thsd.t	26,5	9,7	1,3	1,0	0,9	0,8	0,7	0,7	0,7	0,8	0,8
<b>including farms</b>											
Meat (slaughter weight), thsd.t	0	7	8	9	12	11	14	25	40	46	41
of which											
beef and veal	0	3	6	6	7	6	6	6	9	7	6
pork	0	2	2	2	3	3	3	8	15	15	10
poultry	0	1	0	1	1	2	4	10	16	24	24
Milk, mln.t	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Eggs, mln.pcs	0	10	7	9	10	8	19	51	60	62	74
Wool, thsd.t	0,0	0,1	0,0	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1
<b>Agricultural holdings of households</b>											
Meat (slaughter weight), thsd.t	1259	1187	1225	1201	1195	1086	1009	987	993	926	883
of which											
beef and veal	178	370	449	475	484	444	408	408	379	349	340
pork	682	604	585	505	507	452	383	364	413	379	319
poultry	351	170	157	180	162	146	177	176	162	159	183
Milk, mln.t	5,9	7,8	9,0	10,7	11,0	11,2	11,1	10,8	10,1	9,7	9,4
Eggs, mln.pcs	6161	5233	5832	6326	6437	6424	6588	6602	6458	6486	6650
Wool, thsd.t	3,3	4,2	2,1	2,4	2,4	2,4	2,5	2,6	2,7	2,9	3,3

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.50. Output of meat, by category**

(slaughter weight; thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>4358</b>	<b>2294</b>	<b>1663</b>	<b>1648</b>	<b>1725</b>	<b>1600</b>	<b>1597</b>	<b>1723</b>	<b>1912</b>	<b>1906</b>	<b>1917</b>
Beef and veal	1986	1186	754	704	723	618	562	567	546	480	454
Pork	1576	807	676	599	631	559	494	526	635	590	526
Mutton and goat meat	46	40	17	17	17	17	16	15	15	17	18
Poultry meat	708	235	193	300	324	375	497	589	689	794	894
Rabbit meat	30	19	14	16	14	14	13	13	13	13	13
Horse meat	12	7	9	12	16	17	15	13	14	12	12

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

(slaughter weight; thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>4358</b>	<b>2294</b>	<b>1663</b>	<b>1648</b>	<b>1725</b>	<b>1600</b>	<b>1597</b>	<b>1723</b>	<b>1912</b>	<b>1906</b>	<b>1917</b>
Autonomous Republic of Crimea	202	93	69	82	94	102	115	120	136	138	139
<b>oblasts</b>											
Vinnitsya	233	140	93	92	85	67	49	61	72	67	60
Volyn	108	54	43	45	53	55	59	69	78	86	88
Dnipropetrovsk	265	123	85	80	97	94	118	137	159	185	197
Donetsk	241	120	86	96	82	82	89	101	106	97	97
Zhytomyr	159	87	64	54	55	50	45	49	46	45	44
Zakarpattia	67	49	45	47	49	44	44	45	49	51	50
Zaporzhizhya	198	99	74	60	68	51	52	55	65	55	53
Ivano-Frankivsk	94	61	52	51	55	55	56	61	64	64	61
Kyiv	265	171	116	144	140	136	165	195	222	215	206
Kirovohrad	159	72	53	52	55	51	45	43	52	44	40
Luhansk	167	74	51	39	45	44	48	46	48	45	43
Lviv	181	85	69	77	82	83	82	90	99	106	107
Mykolayiv	151	59	49	28	30	29	28	27	32	29	25
Odesa	233	98	89	74	74	67	51	47	59	48	44
Poltava	225	122	67	55	56	42	40	48	54	44	44
Rivne	116	71	60	59	60	51	46	48	54	52	50
Sumy	154	91	68	66	65	61	56	56	44	42	37
Ternopil	123	74	48	47	51	45	40	40	40	38	35
Kharkiv	228	111	84	96	106	99	95	96	92	79	82
Kherson	168	80	56	46	51	38	40	41	44	43	41
Khmelnyskiy	156	108	74	80	78	69	48	48	49	45	42
Cherkasy	195	96	74	86	98	99	102	113	157	203	253
Chernivtsi	81	47	29	31	32	30	31	34	37	40	39
Chernihiv	189	109	65	61	64	56	53	53	54	45	40



AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>24508</b>	<b>17274</b>	<b>12658</b>	<b>14142</b>	<b>13661</b>	<b>13710</b>	<b>13714</b>	<b>13287</b>	<b>12262</b>	<b>11761</b>	<b>11610</b>
Autonomous Republic of Crimea	890	518	403	434	409	375	347	337	360	363	367
<b>oblasts</b>											
Vinnitsya	1277	938	655	778	778	772	849	852	830	840	842
Volyn	848	564	458	512	503	522	551	546	509	485	462
Dnipropetrovsk	1263	922	522	558	508	493	494	474	416	381	359
Donetsk	1193	709	473	538	535	500	514	476	405	371	360
Zhytomyr	1124	862	656	694	692	710	732	728	640	614	602
Zakarpattia	375	352	360	389	393	438	396	395	397	394	385
Zaporizhzhya	992	583	354	383	363	376	384	376	317	304	287
Ivano-Frankivsk	571	544	523	559	566	571	576	570	539	495	486
Kyiv	1592	1010	679	764	695	710	693	613	541	506	476
Kirovohrad	871	546	385	397	398	392	395	390	366	346	347
Luhansk	887	506	318	377	384	398	409	371	349	319	316
Lviv	1084	961	1032	1061	1000	959	930	892	813	731	683
Mykolayiv	743	527	347	432	425	445	432	413	379	369	368
Odesa	987	637	532	676	702	719	606	536	467	416	414
Poltava	1316	951	589	695	654	672	754	800	681	656	718
Rivne	766	576	436	484	472	510	502	499	472	456	448
Sumy	1025	719	480	512	498	502	498	487	457	454	456
Ternopil	808	655	506	524	490	490	485	470	452	424	419
Kharkiv	1271	812	540	658	625	561	567	531	487	489	481
Kherson	799	515	320	380	349	344	357	354	321	321	319
Khmelnyskiy	1087	906	657	767	731	759	722	689	639	625	620
Cherkasy	1010	727	499	560	506	504	519	516	502	494	491
Chernivtsi	474	365	333	361	364	366	368	361	344	328	312
Chernihiv	1255	869	601	649	621	622	634	611	579	580	592

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(mln.pcs)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>16287</b>	<b>9404</b>	<b>8809</b>	<b>11309</b>	<b>11477</b>	<b>11955</b>	<b>13046</b>	<b>14235</b>	<b>14063</b>	<b>14957</b>	<b>15908</b>
Autonomous Republic of Crimea	1117	551	447	582	548	548	582	609	652	699	763
<b>oblasts</b>											
Vinnitsya	683	394	349	381	416	426	570	639	648	711	711
Volyn	311	199	159	200	212	214	219	213	190	185	184
Dnipropetrovsk	1066	591	437	715	686	738	881	975	880	904	956
Donetsk	1287	574	854	1108	1098	1262	1389	1442	1320	1476	1599
Zhytomyr	385	271	271	379	401	409	441	502	471	483	479
Zakarpattya	278	240	230	283	293	295	299	290	289	294	300
Zaporizhzhya	833	364	345	529	544	480	557	659	609	595	699
Ivano-Frankivsk	298	220	236	252	246	298	347	506	618	623	634
Kyiv	1456	975	787	1165	1187	1378	1463	1704	1785	1833	2048
Kirovohrad	462	218	179	228	256	269	283	298	339	451	452
Luhansk	706	419	380	526	576	591	609	656	624	742	719
Lviv	729	446	466	514	516	517	548	563	542	548	572
Mykolayiv	457	219	164	220	225	237	314	327	337	386	474
Odesa	1151	800	657	711	688	684	684	618	515	504	586
Poltava	687	446	405	548	557	529	538	574	557	540	620
Rivne	262	177	194	293	302	308	328	331	356	364	412
Sumy	532	299	285	299	326	335	371	384	323	270	265
Ternopil	359	271	234	282	293	278	290	385	353	350	352
Kharkiv	1107	566	479	649	636	696	752	883	788	951	984
Kherson	393	205	190	280	220	232	250	261	277	441	381
Khmelnyskiy	419	181	160	175	182	172	193	219	353	303	460
Cherkasy	561	284	379	409	470	453	535	614	616	675	669
Chernivtsi	265	181	183	205	235	249	244	258	330	359	342
Chernihiv	483	313	339	376	364	357	359	325	291	270	247

#### 8.54. Livestock and poultry productivity

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Average annual milk yield per cow, kg</b>											
All categories	2863	2204	2359	2873	2887	3185	3487	3652	3665	3793	4049
Agricultural enterprises	2941	1908	1588	2199	2043	2475	2952	3083	3131	3366	3893
Agricultural holdings of households	2637	2722	2960	3198	3220	3410	3643	3815	3804	3903	4090
<b>Average annual wool yield per sheep, kg</b>											
All categories	3,4	2,9	3,0	3,3	3,3	3,4	3,5	3,6	3,6	3,5	3,6
Agricultural enterprises	3,4	2,5	2,4	2,6	2,5	2,6	2,6	2,6	2,7	2,7	2,8
Agricultural holdings of households	4,2	4,2	3,8	3,7	3,8	3,8	3,8	4,0	4,0	3,8	3,9
<b>Average annual egg laying per hen, pcs</b>											
Agricultural enterprises	214	171	213	246	254	271	274	271	275	278	280

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

(kg)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>All categories</b>											
Cattle	393	333	320	358	347	364	381	394	395	411	434
Pigs	127	105	101	123	111	109	112	113	110	109	109
Sheep and goats	36	34	40	43	44	45	44	46	50	50	50
<b>Agricultural enterprises</b>											
Cattle	393	326	311	356	339	356	375	390	383	403	423
Pigs	127	102	91	120	107	107	110	109	107	106	108
Sheep and goats	36	34	35	35	43	36	40	37	50	43	45
<b>Agricultural holdings of households</b>											
Cattle	360	364	328	361	354	373	386	397	406	418	451
Pigs	157	147	116	138	125	125	138	131	122	126	131
Sheep and goats	38	41	42	44	45	46	44	48	51	53	59

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(kg)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>2863</b>	<b>2204</b>	<b>2359</b>	<b>2873</b>	<b>2887</b>	<b>3185</b>	<b>3487</b>	<b>3652</b>	<b>3665</b>	<b>3793</b>	<b>4049</b>
Autonomous Republic of Crimea	3467	2311	2503	2981	3038	3229	3415	3606	3788	3880	4031
<b>oblasts</b>											
Vinnitsya	2928	2312	2316	2886	2953	3185	3658	3723	3867	4058	4389
Volyn	2699	2044	2147	2539	2586	2876	3239	3448	3467	3525	3602
Dnipropetrovsk	2832	2068	2231	3084	2857	3263	3710	3942	3763	3864	3996
Donetsk	3066	2044	2399	3266	3005	3120	4213	4238	4099	4190	4476
Zhytomyr	2739	2200	2121	2542	2660	3076	3358	3593	3456	3660	3930
Zakarpattia	2647	2458	2554	2627	2759	2901	2829	3038	3128	3246	3426
Zaporizhzhya	2685	1809	2116	2928	2933	3307	4100	4348	3914	4127	4233
Ivano-Frankivsk	2533	2342	2475	2725	2774	3007	3262	3439	3458	3475	3690
Kyiv	3228	2493	2597	3242	3240	3822	4262	4335	4456	4768	5106
Kirovohrad	2690	1961	2553	3059	3136	3322	3837	4027	4080	4185	4555
Luhansk	2868	2019	2134	2780	2984	3210	3724	4137	4422	4338	4719
Lviv	2704	2419	3132	3199	3146	3345	3590	3821	3816	3837	3873
Mykolayiv	2585	2162	2037	2903	2947	3322	3482	3543	3562	3608	3769
Odesa	2651	1871	2263	2925	3002	3250	3178	3506	3363	3520	3796
Poltava	3167	2500	2352	2931	2927	3321	3963	4353	4011	4113	4760
Rivne	2769	2250	2131	2434	2367	2857	3107	3240	3307	3423	3669
Sumy	2842	2241	2271	2624	2760	2945	3084	3229	3424	3744	4110
Ternopil	2650	2311	2508	2785	2757	3014	3107	3102	3194	3191	3456
Kharkiv	2979	1980	2137	2882	2935	3140	3537	3789	3877	4264	4568
Kherson	2945	2027	2122	3084	2866	3055	3301	3487	3454	3588	3698
Khmelnyskiy	2760	2362	2383	2877	2917	3256	3329	3324	3323	3446	3706
Cherkasy	3185	2528	2389	3085	3048	3354	3732	3866	4078	4271	4561
Chernivtsi	3207	2445	2620	3006	3043	3401	3645	3779	3817	3930	4083
Chernihiv	2675	2110	2177	2602	2667	2919	3159	3223	3352	3534	3897

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.57. Livestock and poultry feeds used**

(normative units)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>All categories</b>											
Fodder, total, mln.t	103,6	71,0	42,5	44,3	40,5	38,5	37,5	38,3	36,0	34,6	34,8
of which concentrated fodder	35,5	22,3	12,0	13,4	12,5	12,1	12,9	13,8	13,6	13,2	14,7
Fodder consumption per one conventional head, centner	32,5	30,3	29,6	31,4	30,5	32,1	32,4	32,8	31,9	32,2	32,3
<b>Agricultural enterprises</b>											
Fodder, total, mln.t	78,2	45,0	16,0	15,4	12,2	11,2	11,8	12,2	11,6	11,0	11,8
of which concentrated fodder	27,7	14,4	4,2	5,4	4,6	4,7	5,6	6,5	6,7	6,8	7,8
Fodder consumption per one conventional head, centner	32,5	29,0	25,5	28,9	26,2	28,5	30,2	29,4	28,2	27,8	28,7

**8.58. Animal products supplied for processing enterprises**

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Livestock and poultry (live weight)</b>											
<b>Supply, total</b>	<b>4609</b>	<b>1118</b>	<b>452</b>	<b>477</b>	<b>575</b>	<b>432</b>	<b>489</b>	<b>1092<sup>1</sup></b>	<b>1336<sup>1</sup></b>	<b>1250<sup>1</sup></b>	<b>1114<sup>1</sup></b>
from											
agricultural enterprises	4314	872	207	219	271	249	280	349	411	348	295
agricultural holdings of households	295	236	238	248	297	178	200	244	289	197	104
other economic structures	—	10	7	10	7	5	9	29	54	57	51
<b>out of the total by type</b>											
cattle	—	828	342	393	440	314	335	378 <sup>2</sup>	433 <sup>2</sup>	332 <sup>2</sup>	236 <sup>2</sup>
pigs	—	132	74	70	113	99	108	199 <sup>2</sup>	285 <sup>2</sup>	235 <sup>2</sup>	176 <sup>2</sup>
poultry	—	44	17	3	10	10	38	505 <sup>2</sup>	604 <sup>2</sup>	669 <sup>2</sup>	692 <sup>2</sup>
<b>Milk and dairy products</b>											
<b>Supply, total</b>	<b>17958</b>	<b>6066</b>	<b>3335</b>	<b>3937</b>	<b>4413</b>	<b>5237</b>	<b>5689</b>	<b>5649<sup>1</sup></b>	<b>6078<sup>1</sup></b>	<b>5444<sup>1</sup></b>	<b>4742<sup>1</sup></b>
from											
agricultural enterprises	17943	5911	1790	1893	1577	1650	1797	1831	1671	1719	1867
agricultural holdings of households	15	155	1515	2025	2799	3528	3814	3392	3848	3340	2550
other economic structures	—	—	30	19	37	59	78	384	510	338	254

<sup>1</sup> Including goods for processing and own production of processing enterprises

<sup>2</sup> See the footnote to Table 8.44

**HUNTING**

**8.59. Basic hunting indicators**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total hunting estates	...	719	841	854	928	954	868	865	886	921	988
Area of hunting lands, end of year, mln.ha	51,8	50,6	47,8	47,7	47,5	47,2	47,3	47,2	47,3	46,9	46,5
of which covered by hunting regulations	51,7	46,4	37,1	33,3	36,1	38,2	39,5	42,5	45,0	45,7	43,9
Total staff engaged in hunting	3652	4432	4965	5388	5530	5767	5887	5818	6060	6361	6600
Number of hunting animals, thsd. heads											
ungulates	254,6	237,3	177,8	179,7	184,8	187,6	195,0	197,1	208,0	218,1	232,2
fur animals	2134,2	2497,7	2416,4	2466,5	2412,0	2335,0	2348,4	2290,4	2224,7	2278,3	2245,6
furred game	5098,0	11794,6	9417,5	9485,2	9037,8	9201,7	9280,9	9753,8	9647,1	10139,7	10015,2
Expenditure on hunting management, mln. UAH <sup>1</sup>	14,8	640,7	20,8	30,6	34,9	44,5	58,1	70,4	93,1	121,2	142,0
including											
Expenditure on protection and reproduction of wild animals, including biotechnical measures	6,1	218,0	9,4	13,1	13,7	17,6	21,1	24,4	33,8	44,4	49,9
Expenditure on artificial breeding of game animals for placement in the wild environment	1,2	6,7	0,3	0,4	0,5	0,9	1,2	1,4	2,1	3,8	4,4

<sup>1</sup> At current prices: in 1990, mln. KRB; in 1995, bln. KRB

**8.60. Total number of wild animals in hunting areas**

	1991	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ungulates,</b>											
<b>heads</b>	<b>271826</b>	<b>237279</b>	<b>177788</b>	<b>179677</b>	<b>184804</b>	<b>187630</b>	<b>195005</b>	<b>197103</b>	<b>208009</b>	<b>218103</b>	<b>232245</b>
Elk	14796	9068	4771	4377	4489	4596	4510	4396	4730	5042	5573
Deer	24925	21342	15986	15944	16734	16992	17606	17899	18480	19610	20219
Wild boars	59757	47070	36181	37390	38796	40351	43119	44808	48982	53084	58571
Roe deer	172348	157035	118974	119455	121666	122476	126267	126556	131831	136441	143574
European bisons	...	659	426	405	375	325	303	306	258	269	278
Fallow deer	...	1331	1021	1616	2217	2268	2692	2664	3143	3083	3423
Mouflons	...	723	370	422	449	539	419	391	491	476	496
Koulans	...	51	59	68	78	83	89	83	94	98	111
<b>Fur animals,</b>											
<b>thsd. heads</b>	<b>2194,9</b>	<b>2497,7</b>	<b>2416,4</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>	<b>2278,3</b>	<b>2245,6</b>
Squirrels	59,5	55,8	59,5	62,5	60,8	58,6	62,1	61,1	61,8	64,1	66,7
Hares	1956,8	2062,6	1874,1	1878,2	1857,3	1808,2	1789,8	1738,1	1659,2	1701,8	1661,9
Martens	32,8	39,0	53,1	57,2	57,3	55,7	59,5	59,6	63,3	64,1	62,4
Foxes	82,9	87,1	116,3	104,3	88,2	84,3	87,8	85,6	80,4	77,8	75,3
Musk-rats	52,0	85,0	146,4	183,2	182,6	159,0	172,0	177,2	183,9	186,6	183,2
Minks	1,3	2,5	3,4	3,5	3,2	3,5	3,6	4,4	4,5	4,8	5,6
Beavers	7,6	9,3	15,0	17,8	19,1	19,7	23,4	26,5	30,8	35,4	38,9
Wolves	1,5	2,1	2,8	2,5	2,4	2,4	2,6	2,4	2,6	2,7	2,6
Brown bears	0,6	0,4	0,3	0,3	0,3	0,3	0,3	0,4	0,3	0,4	0,4
Wild rabbits	...	0,7	0,2	0,3	0,3	0,3	0,3	0,1	0,1	0,4	0,1
Steppe marmots	...	110,5	76,7	78,8	65,7	68,6	69,8	54,5	56,4	56,5	62,4
Raccoon dogs	...	8,2	9,9	10,6	9,7	10,1	10,6	11,0	10,5	10,9	10,6
Badgers	...	15,7	24,7	25,3	23,5	24,1	24,7	26,2	26,2	27,2	27,0
Otters	...	5,6	8,7	10,5	10,7	11,0	11,7	11,9	12,2	13,1	13,3
Black polecats	...	12,6	20,0	22,4	22,4	21,7	21,8	23,1	24,3	23,7	24,9
Forest cats	...	0,4	0,6	0,9	0,9	0,9	1,0	1,0	1,1	1,1	1,2
Lynxes	...	0,3	0,3	0,3	0,4	0,4	0,4	0,5	0,4	0,4	0,6
Ermines	...	...	4,4	7,9	7,0	6,2	7,0	6,8	6,7	7,3	8,5
Coypus	...	...	0,0	0,0	0,2	—	0,0	—	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>9485,2</b>	<b>9037,8</b>	<b>9201,7</b>	<b>9280,9</b>	<b>9753,8</b>	<b>9647,1</b>	<b>10139,7</b>	<b>10015,2</b>
Partridges	769,8	1026,4	1013,7	961,6	909,0	882,0	890,1	902,6	872,0	930,7	986,9
Wood grouses	4,4	4,0	3,8	4,0	4,3	4,3	3,8	3,9	3,6	3,8	3,6
Black grouses	16,4	17,1	13,3	12,8	12,3	12,8	12,7	13,7	13,3	13,0	12,5
Geese	238,7	730,5	162,2	217,0	130,5	98,4	103,7	124,1	109,8	100,9	104,5
Ducks	4083,3	4251,0	3125,3	3062,0	2938,7	2984,9	2892,8	2907,4	2899,3	2932,8	2719,2
Pheasants	...	406,3	271,2	290,5	289,6	278,0	281,6	282,3	305,0	292,8	316,8
Quails	...	602,3	799,3	886,8	830,6	809,0	927,9	1083,0	1053,1	1232,1	1205,3
Hazel-grouses	...	13,0	16,4	18,3	19,2	20,0	21,6	22,7	22,5	23,2	23,4
Swans	...	15,0	55,1	28,6	24,1	26,4	21,9	21,0	18,2	20,2	22,1
Bittern	...	1675,5	1527,4	1652,9	1584,0	1699,6	1667,1	1747,4	1744,1	1826,3	1779,9
Sandpipers	...	1208,3	1018,0	864,9	785,7	904,7	938,4	1064,0	1045,5	1054,2	1097,0
Pigeons	...	1845,2	1411,8	1485,8	1509,8	1481,6	1519,3	1581,7	1560,7	1709,7	1744,0

**FORESTRY**

**8.61. Forest stock**

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

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

**8.62. Basic indicators of forestry operations**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Forestry products, operations and services (at current price), mln. UAH	...	...	744,4	946,8	1108,9	1594,6	1991,1	2451,1	2956,3	3382,7	3138,1
of which logging products	...	...	...	824,3	970,9	1408,6	1747,9	2150,6	2576,2	2903,9	2653,6
Marketable timber produced, thsd.cub.m	12642	9741	11262	12827	14266	15432	15244	15849	16884	15724	14221
Main use felling	5755	4574	5236	5833	6139	6488	6456	6828	7075	6997	6704
Forest maintenance and reproduction felling and other activities	6887	5167	6025	6994	8127	8944	8788	9021	9809	8727	7517
Felling area, thsd.ha	536,4	504,2	455,1	443,4	465,2	468,7	464,7	468,2	476,2	425,3	357,9
Main use felling	27,8	20,3	22,2	25,1	26,1	27,4	27,1	28,1	29,4	28,4	26,8
Forest maintenance and reproduction felling and other activities	508,6	483,9	432,9	418,3	439,1	441,3	437,6	440,1	446,8	396,9	331,1
Collection of juice, t	...	...	4416,2	3485,0	2575,0	2065,0	1622,1	1147,4	1012,5	270,4	—
Forest reproduction, thsd.ha	37,5	38,4	37,8	45,9	48,3	53,9	58,6	66,7	73,6	80,2	80,9
Reforestation	35,4	33,9	29,8	37,4	38,4	42,6	45,8	54,0	60,0	64,9	64,5
Natural reproduction	2,1	4,5	8,0	8,5	9,9	11,3	12,8	12,7	13,6	15,3	16,4
Forest crops transferred to the forested lands, thsd.ha	32,8	36,0	26,9	28,9	27,0	25,8	26,5	29,5	31,5	44,6	48,2
Remainder of the uncleaned areas <sup>1</sup> , thsd.ha	4,8	4,4	4,1	3,6	2,7	2,4	2,4	8,7	7,6	7,5	5,8
Remainder of timber on felling areas <sup>1</sup> , thsd.cub.m	...	...	692,2	722,2	724,4	702,6	767,7	710,6	961,8	1024,6	717,9
Forest fires	2714	3758	3696	6383	4527	1876	4223	3842	6100	4042	7036
Forest areas suffered from fires, thsd.ha	2,4	3,5	1,6	5,0	2,8	0,6	2,3	4,3	13,8	5,5	6,3
Losses caused by fires, mln. UAH <sup>2</sup>	1,1	178,5	1,4	3,4	1,8	0,4	3,5	5,9	188,4	58,8	24,7

<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



AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(at current prices; mln. UAH)

	1997	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>373,0</b>	<b>744,4</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>	<b>3382,7</b>	<b>3138,1</b>
Autonomous Republic of Crimea	2,9	6,4	5,5	7,6	8,6	11,9	16,9	21,8	28,0	38,6
<b>oblasts</b>										
Vinnitsya	12,4	27,6	32,9	41,0	57,9	77,5	102,2	121,0	142,6	129,9
Volyn	25,5	26,8	51,8	53,6	75,1	96,2	118,0	148,9	166,5	152,8
Dnipropetrovsk	2,6	4,5	5,1	6,0	8,1	11,1	14,2	18,0	21,5	23,7
Donetsk	1,3	3,3	2,9	2,5	6,9	9,5	12,6	16,6	23,2	29,6
Zhytomyr	49,3	93,6	116,5	141,0	215,0	258,9	322,5	387,4	460,4	436,8
Zakarpattia	18,5	58,2	69,6	68,6	91,6	107,9	130,6	162,5	170,9	165,3
Zaporizhzhya	2,0	2,4	2,8	3,2	4,3	6,1	9,6	12,5	14,7	18,7
Ivano-Frankivsk	23,6	37,9	50,5	46,5	72,8	97,0	114,3	148,6	172,2	170,7
Kyiv	32,6	68,1	91,6	109,0	143,1	170,9	196,1	225,6	259,4	231,9
Kirovohrad	4,1	10,6	10,1	14,2	20,1	22,3	30,3	40,6	48,8	40,8
Luhansk	5,9	12,2	14,8	16,0	21,1	27,6	35,9	47,4	56,0	61,9
Lviv	27,2	62,7	67,7	83,9	128,8	157,5	193,4	235,4	242,3	213,6
Mykolayiv	3,2	3,4	4,4	1,8	6,9	9,7	14,1	18,2	21,0	26,5
Odesa	3,0	4,4	12,0	8,4	16,7	21,7	28,4	34,8	36,9	35,9
Poltava	8,2	20,2	19,2	23,3	35,9	47,9	59,0	62,1	80,4	72,2
Rivne	31,4	63,0	92,1	108,3	151,9	191,6	225,4	278,9	325,5	308,8
Sumy	18,1	34,0	50,8	65,1	91,6	114,5	168,1	189,9	217,3	205,8
Ternopil	5,9	18,2	16,0	22,2	33,5	37,5	46,9	56,1	61,2	49,4
Kharkiv	16,2	40,7	37,0	44,2	59,3	75,3	83,3	91,2	99,8	81,3
Kherson	3,0	3,7	5,4	8,3	15,3	19,8	25,0	43,2	37,0	35,2
Khmelnyskiy	16,6	33,3	46,6	61,8	83,1	98,1	116,8	124,5	137,2	128,5
Cherkasy	11,9	23,7	30,7	40,2	56,0	75,6	91,0	113,0	128,1	110,8
Chernivtsi	21,1	33,5	42,3	45,0	69,7	82,1	107,9	131,5	153,5	161,9
Chernihiv	24,5	48,1	62,8	78,6	109,3	142,5	167,9	197,9	233,8	179,0
<b>cities</b>										
Kyiv	1,6	3,3	4,9	7,0	10,3	17,7	18,0	25,3	40,1	23,9
Sevastopol	0,4	0,6	0,8	1,6	1,7	2,7	2,7	3,4	4,4	4,6

**8.64. Forest felling in 2009, by region**

(thsd.ha)

	Land area of forestry stock <sup>1</sup>	Actual area of felling	Of which			
			main use felling	forest maintenance and reproduction felling and other activities	including	
					test felling	other felling and activities
<b>Ukraine</b>	<b>10782,2</b>	<b>357,9</b>	<b>26,8</b>	<b>331,1</b>	<b>78,9</b>	<b>252,2</b>
Autonomous Republic of Crimea	331,2	3,4	—	3,4	1,4	2,0
<b>oblasts</b>						
Vinnitsya	362,6	19,2	1,3	17,9	6,6	11,3
Volyn	697,3	31,9	2,3	29,6	5,5	24,1
Dnipropetrovsk	198,6	1,5	—	1,5	0,5	1,0
Donetsk	213,2	4,4	—	4,4	1,1	3,3
Zhytomyr	1089,5	43,3	4,4	38,9	9,1	29,8
Zakarpattia	694,0	23,2	1,1	22,1	4,5	17,6
Zaporizhzhya	121,9	1,9	—	1,9	0,3	1,6
Ivano-Frankivsk	626,0	19,6	1,3	18,3	3,5	14,8
Kyiv	746,0	17,6	1,8	15,8	4,4	11,4
Kirovohrad	167,8	3,9	0,2	3,7	0,6	3,1
Luhansk	340,0	11,6	0,1	11,5	2,9	8,6
Lviv	689,9	18,5	2,6	15,9	6,2	9,7
Mykolayiv	127,4	2,0	—	2,0	0,4	1,6
Odesa	260,0	4,5	0,0	4,5	0,9	3,6
Poltava	270,6	7,7	0,3	7,4	1,6	5,8
Rivne	845,9	40,9	2,6	38,3	5,1	33,2
Sumy	444,9	18,8	1,4	17,4	4,0	13,4
Ternopil	196,4	7,8	0,6	7,2	2,8	4,4
Kharkiv	419,4	9,8	0,2	9,6	1,7	7,9
Kherson	265,1	4,5	—	4,5	1,4	3,1
Khmelnyskiy	285,9	11,8	1,1	10,7	4,4	6,3
Cherkasy	345,0	16,5	0,9	15,6	4,3	11,3
Chernivtsi	258,0	12,0	2,2	9,8	3,5	6,3
Chernihiv	713,4	18,5	2,4	16,1	1,8	14,3
<b>cities</b>						
Kyiv	34,6	2,9	—	2,9	0,3	2,6
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

AGRICULTURE, HUNTING, FORESTRY. FISHING

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

(thsd.ha)

	1990	1995 <sup>1</sup>	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>508,6</b>	<b>475,6</b>	<b>432,9</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>	<b>396,9</b>	<b>331,1</b>
Autonomous Republic of Crimea	5,2	4,5	4,8	4,5	4,6	4,0	3,9	3,5	3,6	3,6	3,4
<b>oblasts</b>											
Vinnitsya	22,1	26,0	22,7	22,7	21,8	23,5	23,2	21,1	21,5	19,9	17,9
Volyn	35,7	29,3	31,5	28,6	49,9	41,7	43,1	36,4	37,0	33,9	29,6
Dnipropetrovsk	4,9	4,2	3,9	2,5	2,4	2,4	2,4	2,1	2,1	2,0	1,5
Donetsk	8,6	6,4	3,4	2,4	2,7	2,7	3,2	3,6	3,9	3,4	4,4
Zhytomyr	44,7	47,6	39,5	42,2	42,9	45,7	47,1	51,1	50,1	47,1	38,9
Zakarpattia	25,1	14,0	18,6	23,8	26,2	26,4	27,8	24,6	26,4	22,3	22,1
Zaporizhzhya	1,6	1,4	1,5	1,5	1,6	1,5	1,6	1,7	1,8	1,9	1,9
Ivano-Frankivsk	34,6	28,6	36,7	23,6	20,7	20,8	17,9	19,2	24,2	19,8	18,3
Kyiv	31,9	41,7	27,4	28,5	28,9	32,0	32,3	30,9	29,2	26,2	15,8
Kirovohrad	5,5	5,2	4,1	6,0	7,2	5,3	4,9	4,8	4,6	4,5	3,7
Luhansk	11,8	7,9	10,5	10,7	9,9	8,9	8,6	11,1	10,2	10,6	11,5
Lviv	47,2	35,1	26,8	22,7	20,7	21,2	21,4	24,5	24,9	22,4	15,9
Mykolayiv	2,4	2,2	2,7	4,7	3,1	3,0	3,2	2,6	2,5	2,4	2,0
Odesa	5,4	6,1	4,3	3,3	3,2	5,3	5,7	5,8	5,6	4,7	4,5
Poltava	10,2	8,7	15,0	8,1	7,5	7,0	7,9	8,6	7,8	7,4	7,4
Rivne	45,3	34,4	45,3	43,5	43,2	46,4	45,6	45,3	46,3	40,8	38,3
Sumy	20,1	25,7	18,7	21,2	22,1	22,4	21,3	22,6	21,3	21,2	17,4
Ternopil	19,1	14,7	11,2	11,0	9,8	9,2	8,1	8,4	8,6	7,5	7,2
Kharkiv	22,4	18,6	9,5	13,0	14,5	14,6	15,5	14,9	14,9	9,8	9,6
Kherson	3,4	4,0	2,3	3,0	4,0	4,1	4,6	4,4	8,5	3,8	4,5
Khmelnyskiy	23,6	21,9	20,0	20,0	20,3	19,9	18,8	19,3	17,5	13,5	10,7
Cherkasy	26,4	24,5	17,6	19,8	21,0	21,6	20,8	19,8	19,4	17,8	15,6
Chernivtsi	14,6	16,0	12,8	12,7	11,2	12,7	11,6	11,9	13,4	12,7	9,8
Chernihiv	36,8	41,0	39,2	34,7	35,8	34,7	32,3	37,8	37,5	32,8	16,1
<b>cities</b>											
Kyiv	...	5,3	2,7	3,3	3,6	4,1	4,6	3,9	3,8	4,7	2,9
Sevastopol	...	0,6	0,2	0,3	0,3	0,2	0,2	0,2	0,2	0,2	0,2

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

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.66. Marketable timber produced, by region**

(thsd.cub.m)

	1997	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>10597,6</b>	<b>11261,7</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>	<b>15723,7</b>	<b>14221,4</b>
Autonomous Republic of Crimea	45,0	54,4	51,8	63,4	58,7	60,1	57,7	63,0	71,9	65,5
<b>oblasts</b>										
Vinnitsya	451,3	438,2	447,8	528,1	609,4	624,7	649,4	722,5	690,2	639,6
Volyn	800,9	641,8	730,8	803,6	892,5	877,1	976,2	1023,2	907,3	849,3
Dnipropetrovsk	38,1	54,4	47,6	54,4	60,3	48,6	43,4	47,8	61,2	36,5
Donetsk	58,0	36,5	49,6	43,0	41,4	51,6	55,4	62,6	62,8	66,2
Zhytomyr	1411,3	1356,3	1559,8	1936,7	2114,4	1977,7	2166,3	2206,4	2157,3	2099,6
Zakarpattia	608,3	906,7	1055,2	968,9	1064,3	1032,3	1010,0	1117,2	953,4	905,2
Zaporizhzhya	13,7	21,6	16,0	19,1	15,6	18,0	21,2	21,4	23,2	24,9
Ivano-Frankivsk	466,3	518,0	583,1	682,1	747,7	784,6	826,3	950,5	864,7	839,3
Kyiv	640,4	950,1	1157,6	1346,9	1360,7	1287,8	1252,6	1270,3	1210,2	999,5
Kirovohrad	85,2	101,2	175,9	201,6	229,8	213,8	206,4	213,3	202,7	181,0
Luhansk	324,9	205,6	228,3	202,8	182,3	152,4	170,7	182,2	181,7	167,4
Lviv	679,5	774,1	807,0	860,8	1034,6	1036,2	1126,9	1244,7	1165,9	960,4
Mykolayiv	29,0	34,4	51,7	43,6	37,9	36,3	44,8	45,3	33,5	34,1
Odesa	78,9	71,5	85,8	96,3	126,0	136,7	134,4	124,6	100,5	88,3
Poltava	206,4	386,7	252,3	257,3	310,3	328,1	337,7	333,0	324,7	315,8
Rivne	914,0	816,0	958,4	1045,9	1121,9	1191,3	1262,7	1341,9	1320,6	1256,8
Sumy	627,4	640,2	837,1	900,2	930,0	902,9	987,4	977,6	954,9	854,8
Ternopil	204,8	243,7	245,2	268,0	287,7	260,5	278,5	288,6	262,5	223,2
Kharkiv	377,1	406,9	458,8	513,9	558,7	578,3	519,6	519,8	451,1	422,7
Kherson	97,7	68,6	82,3	136,4	140,9	146,5	128,3	370,2	155,3	130,5
Khmelnyskiy	495,8	520,4	588,1	666,2	718,2	718,6	709,3	665,3	590,2	557,2
Cherkasy	390,0	406,9	484,4	532,9	565,8	567,2	575,7	616,3	588,2	544,8
Chernivtsi	560,1	569,3	654,5	739,6	834,4	804,3	826,0	920,9	866,1	821,8
Chernihiv	900,1	938,0	1107,5	1228,2	1260,0	1284,9	1369,4	1451,8	1400,1	1051,5
<b>cities</b>										
Kyiv	89,1	97,8	108,0	123,8	126,3	122,2	110,4	101,7	121,4	82,6
Sevastopol	4,3	2,4	2,2	2,2	1,8	1,6	1,9	2,2	2,1	2,9

**8.67. Forest reproduction, by region**

(ha)

	1990	1995	2000 <sup>1</sup>	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>37458</b>	<b>38398</b>	<b>37806</b>	<b>45854</b>	<b>48260</b>	<b>53889</b>	<b>58638</b>	<b>66690</b>	<b>73624</b>	<b>80230</b>	<b>80912</b>
Autonomous Republic of Crimea	935	323	89	79	17	37	47	520	1015	1006	1693
<b>oblasts</b>											
Vinnitsya	1060	1025	1047	1074	1061	1236	1322	1873	2613	3135	3097
Volyn	1715	2690	3177	3632	4002	4096	4744	5543	5795	4895	4245
Dnipropetrovsk	441	805	529	602	330	398	436	814	1150	992	2271
Donetsk	739	305	461	616	473	547	648	773	983	872	2271
Zhytomyr	4179	4604	4621	5214	5786	6674	7458	7972	8577	8875	8190
Zakarpattia	2825	2348	2205	2405	2372	2533	2747	2852	2772	3016	2721
Zaporizhzhya	351	550	438	452	268	629	645	740	1260	1156	2011
Ivano-Frankivsk	2227	2281	2039	2125	2361	2527	2816	2978	2850	3195	2907
Kyiv	3317	2881	2583	3641	3970	4568	4169	3559	3681	3517	3629
Kirovohrad	353	282	398	727	551	910	868	778	1218	1851	2744
Luhansk	1103	1210	1756	3722	3611	4342	4428	4668	5327	4181	5423
Lviv	2556	2539	3126	3834	4183	4003	4754	4411	4438	4841	4364
Mykolayiv	1301	873	393	308	459	544	845	1182	1726	1844	2830
Odesa	1204	1085	407	383	322	478	441	1610	2425	2705	3500
Poltava	823	892	626	635	992	1179	1971	2151	2559	2686	2748
Rivne	3077	3805	3466	3270	3918	4558	4807	5903	6899	7611	5704
Sumy	879	1322	1453	1971	2071	2318	2185	2488	2599	3090	3306
Ternopil	659	860	782	817	857	947	1136	1347	1397	1768	1300
Kharkiv	966	892	1639	2292	1924	1860	1799	2235	1760	1754	2355
Kherson	1656	366	185	325	341	677	1212	1399	1592	5538	2051
Khmelnyskiy	1171	1280	1231	1467	1600	1752	2008	1889	1731	2673	2690
Cherkasy	935	1096	1149	1242	1223	1193	1219	1795	2090	2096	2166
Chernivtsi	967	1311	1436	1512	1687	2001	2195	2480	2220	2544	2255
Chernihiv	2019	2590	2476	3325	3625	3634	3524	4550	4795	4283	4316
<b>cities</b>											
Kyiv	...	118	93	176	227	248	190	150	120	66	75
Sevastopol	...	65	1	8	29	—	24	30	32	40	50

<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

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.68. Reforestation, by region**

(ha)

	1990	1995	2000 <sup>1</sup>	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>35352</b>	<b>33896</b>	<b>29802</b>	<b>37394</b>	<b>38353</b>	<b>42596</b>	<b>45855</b>	<b>54008</b>	<b>60051</b>	<b>64877</b>	<b>64499</b>
Autonomous Republic of Crimea	902	313	89	79	14	36	30	486	1011	967	1567
<b>oblasts</b>											
Vinnitsya	1060	994	1008	1049	1032	1191	1276	1812	2502	2852	2879
Volyn	1508	2306	1776	2140	2314	2592	3093	4158	4584	3522	2836
Dnipropetrovsk	441	805	522	587	309	371	406	793	1116	938	2119
Donetsk	739	290	403	593	461	497	583	682	924	809	2186
Zhytomyr	4071	3983	3605	4203	4398	4807	5308	5738	5845	5635	5554
Zakarpattia	2081	1823	1687	1770	1915	1882	1955	1999	1868	1977	1511
Zaporizhzhya	351	550	438	452	268	629	624	740	1260	1153	2011
Ivano-Frankivsk	2043	2132	1577	1465	1638	1557	1699	1660	1465	1699	1308
Kyiv	3317	2704	2121	2958	3276	3800	3437	2847	2912	2670	2728
Kirovohrad	353	282	389	723	541	893	844	741	1185	1797	2661
Luhansk	1103	1210	1756	3722	3611	4242	4160	4554	5161	4081	5104
Lviv	2306	2112	2572	3165	3271	3448	4138	4010	3691	3865	3096
Mykolayiv	1301	867	292	275	385	483	666	1038	1537	1686	2661
Odesa	1204	1085	352	383	321	460	389	1548	2399	2498	3362
Poltava	823	786	552	564	738	953	1701	1846	2255	2278	2279
Rivne	2929	2803	1868	2112	2399	2717	2997	4242	5229	5692	3963
Sumy	879	1247	1383	1666	1818	2002	1921	2191	2279	2781	2947
Ternopil	659	860	760	762	792	776	959	1232	1286	1667	1201
Kharkiv	966	842	1587	2262	1897	1825	1775	2190	1730	1701	2185
Kherson	1656	366	105	252	295	379	578	856	1185	5458	1653
Khmelnyskiy	1171	1201	1120	1374	1476	1643	1884	1693	1518	2307	2193
Cherkasy	935	1053	1020	1151	1073	1005	949	1571	1827	1817	1929
Chernivtsi	637	826	834	802	996	1321	1391	1416	1196	1406	1051
Chernihiv	1917	2273	1903	2705	2864	2856	2894	3789	3934	3523	3401
<b>cities</b>											
Kyiv	...	118	82	172	222	231	174	146	120	58	70
Sevastopol	...	65	1	8	29	—	24	30	32	40	44

<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

AGRICULTURE, HUNTING, FORESTRY. FISHING

**8.69. Forest protection operations**

(end of year)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total area affected by pests and diseases, thsd.ha	343,5	420,5	443,7	694,3	693,2	753,2	602,6	542,1	492,6	496,6	546,5
Forest protection from pests and diseases, thsd.ha	304,6	289,6	174,3	169,9	225,3	250,3	234,8	183,4	180,0	121,5	100,2
of which											
by biological methods	278,0	228,5	159,1	153,5	183,2	162,2	188,6	159,8	159,0	98,9	76,2
by chemicals	26,6	61,1	15,2	16,4	42,1	88,1	46,2	23,6	21,0	22,6	24,0
Pests and diseases liquidated by different methods, thsd.ha	131,8	108,2	71,8	79,4	132,4	141,2	138,1	94,4	89,8	110,7	97,0
Death of forests, ha	4020	7468	8908	11562	12071	9418	12085	12795	29897	18242	13469
of which due to											
pests	48	536	388	392	618	598	860	1129	821	926	1146
diseases	323	1252	1278	2050	2456	3420	3294	4329	2793	3883	3628
adverse weather conditions	2024	3484	6421	6093	6784	4159	6064	5249	15272	9166	5443
forest fires	1157	2031	696	2913	2087	1051	1437	1864	10955	3819	2727

**8.70. Forest fires in 2009, by region**

	Incidents	Forest areas suffered from fires, ha	Burnt out and damaged forest, and forest products, cub.m	Sustained losses (at current prices), thsd. UAH	
				total	of which the value of the burnt out forests and procured forest products
<b>Ukraine</b>	<b>7036</b>	<b>6315</b>	<b>226596</b>	<b>24686,4</b>	<b>5336,5</b>
Autonomous Republic of Crimea	143	46	493	140,1	16,5
<b>oblasts</b>					
Vinnitsya	4	10	—	57,4	0,1
Volyn	68	48	2016	38,3	0,5
Dnipropetrovsk	288	253	2624	211,2	26,3
Donetsk	398	137	74	100,6	0,4
Zhytomyr	581	1485	9169	2664,9	517,4
Zakarpattia	4	9	—	24,5	0,0
Zaporizhzhya	167	125	533	227,0	46,2
Ivano-Frankivsk	—	—	—	—	—
Kyiv	1260	603	23754	1268,5	85,1
Kirovohrad	69	35	—	24,8	0,0
Luhansk	605	1539	106589	8936,4	1291,8
Lviv	12	18	—	17,1	0,3
Mykolayiv	63	20	60	35,6	3,4
Odesa	53	53	600	7,7	1,2
Poltava	234	74	5308	363,9	34,7
Rivne	162	272	3701	392,1	129,8
Sumy	273	298	—	104,7	57,3
Ternopil	—	—	—	—	—
Kharkiv	696	274	9432	1601,7	838,1
Kherson	256	131	6117	650,7	10,8
Khmelnyskiy	98	84	—	82,8	43,8
Cherkasy	448	77	—	119,8	0,0
Chernivtsi	2	5	—	9,2	0,0
Chernihiv	324	458	48991	6225,1	2226,8
<b>cities</b>					
Kyiv	752	118	—	86,1	0,0
Sevastopol	76	143	7135	1296,2	6,0

AGRICULTURE, HUNTING, FORESTRY. FISHING

**FISHING**

**8.71. Fishing and harvesting of other water living resources, by type of water basin<sup>1</sup>**

(t)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>400191</b>	<b>350087</b>	<b>293205</b>	<b>248176</b>	<b>225905</b>	<b>265585</b>	<b>228840</b>	<b>213669</b>	<b>244527</b>	<b>256853</b>
Inland water basins	67816	38210	38011	37703	35365	37396	36701	43207	41229	42201
of which freshwater basins	59391	38188	38001	37699	35365	37388	36701	42625	40573	41808
of which										
lakes	1871	693	760	987	1399	2660	2413	3167	2494	2566
rivers	3020	1937	2210	1800	1546	1806	1673	2242	2281	2915
water basins (excluding herbivorous fish)	8828	8087	7364	6855	6903	6781	6636	11087	9951	12419
ponds and other water basins of fishing industries	43259	24970	25845	26029	23995	24343	24479	23722	23379	21602
Exeptional (sea) economic zone of Ukraine	30133	56990	93030	55027	52467	61176	46799	46909	55037	67314
Exeptional (sea) economic zone of other countries	279548	175033	153324	140991	126834	149622	122374	123553	140705	147338
Open section of the World Ocean	22694	79854	8840	14455	11239	17391	22966	—	7556	—

<sup>1</sup> Since 2007 data include fishing by natural persons-entrepreneurs



**8.72. Fishing and harvesting of other water living resources, by type<sup>1</sup>**

(t)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Fish catch</b>	<b>363444</b>	<b>346699</b>	<b>253847</b>	<b>222385</b>	<b>195067</b>	<b>234185</b>	<b>202231</b>	<b>198335</b>	<b>220543</b>	<b>238600</b>
herrings	311	73	173	138	182	270	300	324	506	446
sardines	64907	46874	29815	24549	29873	38979	31845	34543	45151	34773
sprats	10284	29422	42575	28701	23494	31423	17214	15762	20197	23132
sardelles	8077	9002	13611	9422	7238	12563	8667	11999	11869	12901
khamsa	18514	15356	12026	11144	9136	5407	6151	8604	11142	15117
caspian roaches, sea-roaches	2716	2421	1338	1455	1232	1077	881	1222	776	668
pike-perch	781	1183	1682	770	615	423	404	493	391	420
bream	2169	2209	2858	2313	2081	1979	1967	2854	2930	3048
grey mullet	252	5459	2696	2156	4455	6035	6911	6143	5133	7169
carp	25385	8519	10683	9777	10054	10531	10322	11255	10671	11029
silver carp	17466	15239	14157	15612	13467	14705	14732	15249	14479	12396
mackerel	56266	18357	9840	9565	4236	2880	3880	2893	6718	9526
horse-mackerel	50064	27734	14402	28891	21756	25773	21614	25144	23854	36299
bullhead	203	752	3408	5921	10204	9607	8065	6273	7628	7436
sanderling	188	372	343	236	376	380	631	1042	536	943
cod	13189	24637	14702	2166	8492	1375	921	1282	169	97
others	92672	139090	79538	69569	48176	70778	67726	53253	58393	63200
<b>Extraction of other water living resources</b>	<b>36747</b>	<b>3388</b>	<b>39358</b>	<b>25791</b>	<b>30838</b>	<b>31400</b>	<b>26609</b>	<b>15334</b>	<b>23984</b>	<b>18253</b>
of which										
crustaceans	27302	10	26864	17136	10965	14077	14137	24	7586	46
mollusks	8340	3353	12491	8655	19867	17256	12439	15138	15999	15626
aquatic plants	743	6	—	—	—	4	0	32	11	2180

<sup>1</sup> See the footnote to Table 8.71

**8.73. Fishing and harvesting of other water living resources, by region<sup>1</sup>**

(t)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>400191</b>	<b>350087</b>	<b>293205</b>	<b>248176</b>	<b>225905</b>	<b>265585</b>	<b>228840</b>	<b>213669</b>	<b>244527</b>	<b>256853</b>
Autonomous Republic of Crimea	102478	126698	58562	47351	19679	34269	24095	25026	25265	17194
<b>oblasts</b>										
Vinnitsya	3245	1824	1826	1932	1493	1817	1731	1691	1675	1648
Volyn	743	261	287	368	304	401	476	664	375	325
Dnipropetrovsk	4052	2717	2482	2192	2083	1997	1630	1692	1592	1697
Donetsk	7353	7777	10351	8137	9233	10811	9650	8925	11124	10688
Zhytomyr	1630	911	908	849	761	833	892	875	539	460
Zakarpattia	685	281	427	394	411	388	411	422	442	406
Zaporizhzhya	5028	3722	4568	5087	8283	9668	7943	10291	10642	11623
Ivano-Frankivsk	1169	357	430	444	481	551	552	603	558	631
Kyiv	4275	2002	1762	1772	1596	1393	1220	2261	2483	1829
Kirovohrad	889	1363	1195	1224	1111	1128	1100	1291	1302	1470
Luhansk	1072	1196	826	513	526	370	349	511	434	508
Lviv	2367	1312	2450	1848	1977	1575	1653	1626	1486	1590
Mykolayiv	5062	2944	1780	1041	704	761	994	3377	2093	3949
Odesa	68120	31512	31491	26398	16030	23258	20309	15659	10098	48979
Poltava	4698	3288	3497	3358	2668	2163	3054	3459	3355	1783
Rivne	927	504	472	506	576	601	531	713	646	629
Sumy	2860	1925	2226	2008	2171	2329	1703	1681	1715	2135
Ternopil	740	286	531	393	195	408	467	515	405	630
Kharkiv	1464	1025	1215	1301	952	987	1147	1010	1295	1396
Kherson	5372	5816	4997	6166	6274	6840	5971	5548	4865	5400
Khmelnyskiy	1479	700	849	853	729	746	770	824	850	679
Cherkasy	5415	5175	5118	5056	4489	4448	3787	4568	4834	5726
Chernivtsi	450	522	543	469	492	464	562	366	423	509
Chernihiv	791	397	604	695	634	707	782	1158	1118	1133
<b>cities</b>										
Kyiv	—	2240	2907	—	—	—	—	—	16773	16928
Sevastopol	167827	143332	150901	127821	142053	156672	137061	118913	138140	116908

<sup>1</sup> See the footnote to Table 8.71

## 9. INVESTMENT AND CONSTRUCTION ACTIVITY

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

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

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

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

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

Data on industry are given according to types of economic activity: mining, manufacturing, production and distribution of electricity, gas and water; light industry: textile industry, sewing of clothes, fur and fur articles; production of leather, leather articles and other materials; chemical and petrochemical industry: production of chemicals, production of rubber and plastic products; engineering: manufacture of machinery and equipment, manufacture of electric, electronic and optical equipment, manufacture of transport vehicles and equipment.

Taxes on value added are included capital investment and investment into fixed capital.

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

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

The **construction work**, according to the *Classification of Types of Economic Activity*, State Classifier 009:2005, № 375, includes operations related to the preparation of construction sites, construction of buildings and structures, establishment of technical equipment, buildings and structures, operations upon competing construction and leasing of construction equipment with operator (Section F *Construction*).

**Residential buildings** includes dwelling (apartment buildings, cottages and higher

# INVESTMENT AND CONSTRUCTION ACTIVITY

comfort houses, private houses, apartment hotels) and boarding houses (including old people's homes, student's hostels and others, e.g. refugee's hostels, hostels for workers and employees, orphanages, homes for the homeless etc.).

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

<sup>1</sup> The recording of indicators in capital investment has started since 2009

<sup>2</sup> Before 2008 inclusive, expenditure for forming the main herd

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.2. Capital investments, by source of financing**

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

<sup>1</sup> Before 2005, it was included into the other sources of financing

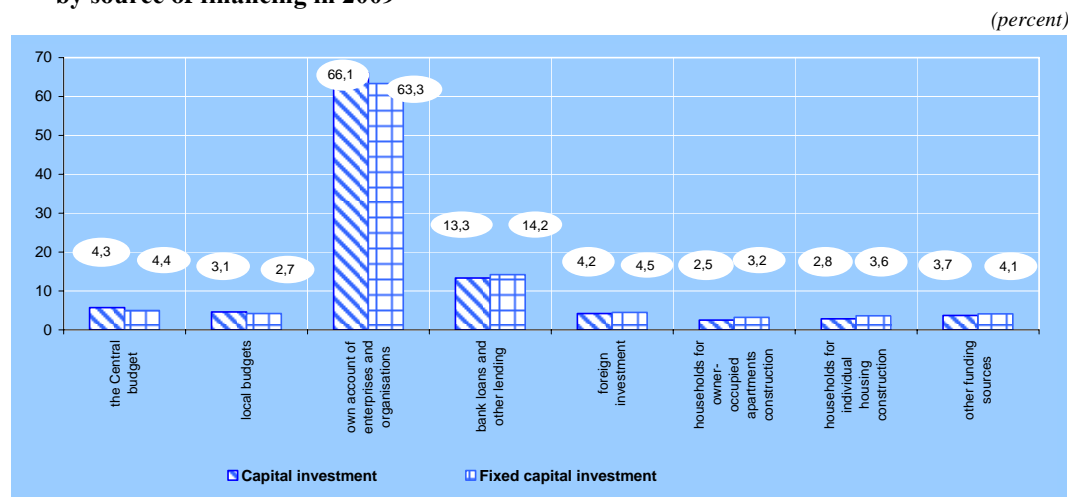
# INVESTMENT AND CONSTRUCTION ACTIVITY

## 9.3. Fixed capital investment, by source of financing

	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>At current prices, mln. UAH</b>									
<b>Total</b>	<b>32573</b>	<b>37178</b>	<b>51011</b>	<b>75714</b>	<b>93096</b>	<b>125254</b>	<b>188486</b>	<b>233081</b>	<b>151777</b>
including on account of									
the Central budget	1749	1863	3570	7945	5077	6846	10458	11576	6687
local budgets	1332	1365	2095	3544	3915	5446	7324	9918	4161
own account of enterprises and organisations	21770	24470	31306	46685	53424	72337	106520	132138	96019
bank loans and other lending	1400	1985	4196	5735	13740	19406	31182	40451	21581
foreign investment	1413	2068	2807	2695	4688	4583	6660	7591	6859
households for owner-occupied apartments construction <sup>1</sup>	...	...	...	...	...	7019	9879	9495	4792
households for individual housing construction	1415	1573	1822	2577	3091	5110	8549	11589	5502
other funding sources	3494	3854	5215	6533	9161	4507	7914	10323	6176
<b>Percentage of total</b>									
<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>
including on account of									
the Central budget	5,4	5,0	7,0	10,5	5,5	5,5	5,6	5,0	4,4
local budgets	4,1	3,7	4,1	4,7	4,2	4,3	3,9	4,2	2,7
own account of enterprises and organisations	66,8	65,8	61,4	61,7	57,4	57,8	56,5	56,7	63,3
bank loans and other lending	4,3	5,3	8,2	7,6	14,8	15,5	16,6	17,3	14,2
foreign investment	4,3	5,6	5,5	3,6	5,0	3,7	3,5	3,3	4,5
households for owner-occupied apartments construction <sup>1</sup>	...	...	...	...	...	5,6	5,2	4,1	3,2
households for individual housing construction	4,4	4,2	3,6	3,4	3,3	4,1	4,5	5,0	3,6
other funding sources	10,7	10,4	10,2	8,5	9,8	3,5	4,2	4,4	4,1

<sup>1</sup> See the footnote to Table 9.2

## 9.4. Structure of capital investment and fixed capital investment, by source of financing in 2009



INVESTMENT AND CONSTRUCTION ACTIVITY

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

(at current prices)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
	mln. KRB	bln. KRB	mln. UAH								
<b>Ukraine</b>	<b>31114</b>	<b>937816</b>	<b>23629</b>	<b>37178</b>	<b>51011</b>	<b>75714</b>	<b>93096</b>	<b>125254</b>	<b>188486</b>	<b>233081</b>	<b>151777</b>
Autonomous Republic of Crimea	1411	25321	784	1483	1913	2740	3375	4684	7007	8655	5536
<b>oblasts</b>											
Vinnitsya	912	26203	365	635	857	1155	1693	2494	4136	4752	2670
Volyn	507	11502	278	623	727	1064	1186	1839	2867	3489	2415
Dnipropetrovsk	2594	104605	2252	2919	4246	5906	7792	10737	14874	18063	13254
Donetsk	2970	117774	2901	3825	4846	7239	9598	11728	16898	22136	12985
Zhytomyr	968	27769	256	539	609	854	1135	1546	2442	3646	2299
Zakarpattia	501	8434	332	592	1021	1113	1115	2019	2642	3303	1915
Zaporizhzhya	1521	47428	1190	1529	2150	2745	3299	3896	6407	7459	4650
Ivano-Frankivsk	689	37049	605	954	1130	1589	1683	2620	4006	5950	3447
Kyiv	1375	45311	947	1657	2918	3547	4519	7032	12658	16921	9955
Kirovohrad	870	16575	271	507	699	1357	1285	1777	2482	3048	2766
Luhansk	1768	52244	1030	1392	1901	2941	4363	5538	9754	9000	4378
Lviv	1264	36555	1061	1807	2559	3634	4682	5875	8287	10799	6708
Mykolayiv	921	25397	460	1037	1312	1963	2534	3118	3699	4333	4022
Odesa	1538	39105	1348	2609	3309	5137	5154	7339	10500	12484	9959
Poltava	1177	44181	1438	1831	2158	2887	3709	4760	6672	8840	7691
Rivne	763	18476	365	702	1078	1937	1184	2144	2924	3672	2696
Sumy	947	21131	597	966	931	1102	1441	1508	2435	3015	2185
Ternopil	559	14509	199	319	456	632	890	1214	1979	2843	1428
Kharkiv	1908	42149	1373	2468	3554	5055	5775	7957	12051	11819	8315
Kherson	818	16700	282	394	549	886	1077	1503	2322	3929	2087
Khmelnyskiy	876	25701	455	727	901	1745	1461	2075	3135	4849	3471
Cherkasy	897	24861	330	582	967	2408	2046	3304	4236	5128	3040
Chernivtsi	416	9715	141	326	520	656	755	1451	2332	3733	2602
Chernihiv	837	21544	431	587	825	1140	1333	1520	2422	3053	1588
<b>cities</b>											
Kyiv	1952	71738	3809	5906	8481	13859	19468	24858	38230	46574	28228
Sevastopol	155	5839	129	262	394	423	544	718	1089	1588	1487

INVESTMENT AND CONSTRUCTION ACTIVITY

9.6. Indices for fixed capital investment, by region

(percent)

	1990=100							To the previous year						
	2000	2004	2005	2006	2007	2008	2009	2000	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>25,2</b>	<b>55,7</b>	<b>56,8</b>	<b>67,6</b>	<b>87,7</b>	<b>85,4</b>	<b>50,0</b>	<b>114,4</b>	<b>128,0</b>	<b>101,9</b>	<b>119,0</b>	<b>129,8</b>	<b>97,4</b>	<b>58,5</b>
Autonomous Republic of Crimea	17,2	41,4	41,8	50,9	64,8	62,3	35,8	93,8	123,5	100,9	121,7	127,4	96,2	57,5
<b>oblasts</b>														
Vinnitsya	15,5	33,6	40,7	52,7	74,5	68,8	34,9	109,9	117,6	121,1	129,5	141,4	92,3	50,7
Volyn	17,8	47,1	43,3	59,7	79,3	76,1	47,4	95,4	126,9	92,0	137,9	132,8	96,0	62,3
Dnipropetrovsk	24,1	43,5	47,7	59,2	71,8	70,7	46,8	123,5	122,1	109,7	124,2	121,2	98,5	66,2
Donetsk	27,1	50,1	55,5	60,7	76,5	79,1	41,8	107,4	130,7	110,8	109,3	126,0	103,4	52,8
Zhytomyr	8,0	18,2	20,5	24,7	33,8	40,5	23,0	103,4	121,3	112,7	120,6	136,9	119,8	56,7
Zakarpattia	19,1	44,1	35,8	55,4	62,2	60,3	31,4	120,1	93,2	81,1	154,8	112,2	96,9	52,1
Zaporizhzhya	23,2	38,7	38,9	40,9	59,3	53,7	30,3	101,8	112,2	100,5	105,1	145,0	90,5	56,5
Ivano-Frankivsk	46,0	81,7	70,8	95,9	127,6	145,8	75,2	159,7	121,7	86,6	135,4	133,1	114,3	51,6
Kyiv	19,7	49,6	52,1	70,4	106,7	111,0	58,6	118,2	107,2	105,1	135,1	151,6	104,0	52,8
Kirovohrad	10,0	35,9	27,8	34,8	42,0	40,8	33,4	100,6	171,9	77,4	125,2	120,8	97,1	81,8
Luhansk	17,6	38,7	47,5	54,3	84,1	61,4	27,2	106,6	135,7	122,7	114,3	154,8	73,0	44,3
Lviv	32,7	79,2	85,2	94,3	116,2	117,4	64,9	127,6	123,9	107,6	110,7	123,2	101,0	55,3
Mykolayiv	16,0	48,3	51,3	55,7	57,2	53,8	45,0	111,6	130,6	106,2	108,5	102,7	94,0	83,6
Odesa	28,0	71,7	58,7	72,8	89,7	82,3	58,8	140,4	135,8	81,9	124,1	123,2	91,7	71,5
Poltava	46,4	63,0	66,7	75,5	91,2	96,3	74,7	104,6	116,2	105,8	113,2	120,8	105,6	77,6
Rivne	16,1	57,1	29,5	48,2	56,3	56,2	37,3	82,6	156,0	51,7	163,4	116,9	99,9	66,4
Sumy	28,5	35,0	38,6	35,8	49,6	49,3	31,4	117,5	101,8	110,3	92,7	138,6	99,3	63,7
Ternopil	12,7	27,1	31,6	37,9	52,6	60,5	27,0	79,0	119,5	116,5	119,8	138,9	115,0	44,7
Kharkiv	25,9	66,1	63,0	77,7	102,7	78,5	49,9	138,0	125,2	95,3	123,4	132,2	76,4	63,6
Kherson	10,8	23,1	23,7	29,2	38,7	51,4	24,7	120,7	140,0	102,4	123,3	132,6	132,8	48,0
Khmelnyskiy	15,9	41,3	29,0	36,4	47,5	56,7	36,8	95,5	163,9	70,2	125,4	130,5	119,4	64,9
Cherkasy	14,9	77,7	53,1	76,6	85,4	80,6	42,6	89,0	224,0	68,4	144,3	111,5	94,4	52,8
Chernivtsi	9,9	31,9	29,7	49,3	65,1	81,7	51,0	103,6	109,6	93,0	166,0	132,1	125,5	62,4
Chernihiv	19,7	38,2	37,0	38,0	52,8	53,5	24,8	113,2	121,4	96,9	102,6	139,0	101,4	46,4
<b>cities</b>														
Kyiv	94,7	219,6	256,7	287,2	376,8	364,7	198,0	121,1	132,5	116,9	111,9	131,2	96,8	54,3
Sevastopol	30,1	64,6	65,8	77,8	94,8	105,0	87,8	166,7	87,4	101,8	118,3	121,8	110,8	83,6



INVESTMENT AND CONSTRUCTION ACTIVITY

**9.7. Per capita fixed capital investment, by region**

(at current prices; UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</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>	<b>5058,4</b>	<b>3308,6</b>
Autonomous Republic of Crimea	376,8	600,2	735,7	955,2	1376,2	1704,1	2375,6	3565,3	4415,1	2828,3
<b>oblasts</b>										
Vinnitsya	203,5	313,5	362,3	493,1	671,3	993,8	1478,7	2473,5	2864,2	1620,0
Volyn	263,6	500,4	591,1	693,4	1019,0	1140,1	1774,6	2771,3	3375,6	2335,7
Dnipropetrovsk	611,4	782,9	824,0	1208,2	1694,2	2253,0	3128,9	4365,1	5339,2	3942,9
Donetsk	591,7	765,0	798,7	1023,5	1545,6	2070,9	2555,8	3716,4	4911,7	2904,5
Zhytomyr	180,3	234,7	390,2	445,4	631,1	848,4	1167,4	1861,2	2803,1	1780,6
Zakarpattia	260,1	414,5	473,1	817,1	892,7	895,9	1625,5	2129,8	2663,7	1542,5
Zaporizhzhya	599,2	676,7	798,2	1131,3	1457,0	1766,1	2102,6	3483,6	4084,3	2561,0
Ivano-Frankivsk	418,7	605,8	680,1	808,3	1140,6	1212,3	1892,5	2900,4	4314,1	2501,1
Kyiv	521,6	722,3	915,3	1625,1	1992,3	2559,6	4014,5	7281,2	9799,0	5791,4
Kirovohrad	235,6	370,4	454,0	634,8	1249,9	1201,7	1686,3	2386,3	2967,5	2722,6
Luhansk	393,3	495,3	552,5	764,7	1199,6	1802,7	2316,2	4126,1	3847,6	1889,2
Lviv	394,3	518,3	695,8	989,5	1411,4	1825,8	2300,1	3255,4	4255,0	2648,2
Mykolayiv	356,1	590,1	826,1	1053,7	1590,5	2070,8	2565,9	3064,4	3613,5	3374,1
Odesa	543,2	1004,3	1067,8	1362,7	2129,8	2149,4	3073,6	4404,5	5240,2	4183,7
Poltava	864,0	862,9	1137,6	1355,5	1834,5	2383,7	3091,0	4375,5	5853,0	5135,3
Rivne	309,1	498,6	600,7	925,3	1667,8	1022,9	1856,9	2538,1	3192,0	2344,0
Sumy	451,3	752,5	751,3	734,0	880,8	1168,8	1239,0	2026,2	2537,9	1858,3
Ternopil	173,0	240,4	281,6	404,5	564,3	799,7	1098,1	1801,5	2602,3	1312,4
Kharkiv	467,7	673,3	856,5	1241,8	1778,9	2045,6	2836,7	4321,9	4261,3	3012,6
Kherson	232,2	340,4	338,2	475,6	775,8	952,6	1341,2	2090,3	3565,8	1906,2
Khmelnyskiy	314,5	396,7	513,1	641,3	1254,0	1060,7	1521,1	2317,3	3611,4	2601,3
Cherkasy	229,2	306,4	418,7	702,7	1769,3	1520,7	2481,8	3213,9	3926,1	2345,8
Chernivtsi	150,8	258,4	355,8	569,4	720,4	832,4	1605,2	2584,5	4141,9	2887,3
Chernihiv	338,5	444,2	479,4	683,1	958,9	1139,8	1320,0	2133,1	2725,9	1434,7
<b>cities</b>										
Kyiv	1462,9	2186,7	2296,4	3275,6	5307,0	7378,5	9329,5	14223,0	17175,9	10324,6
Sevastopol	332,8	377,3	695,2	1047,8	1123,5	1444,6	1904,8	2884,4	4203,2	3929,6

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.8. Fixed capital investment, by type of economic activity**

(at current prices; mln. UAH)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>32573</b>	<b>37178</b>	<b>51011</b>	<b>75714</b>	<b>93096</b>	<b>125254</b>	<b>188486</b>	<b>233081</b>	<b>151777</b>
Agriculture, hunting, forestry	1617	1930	2141	3381	5016	7309	9519	16890	9382
agriculture, hunting and related services	1552	1854	2054	3278	4905	7190	9338	16682	9295
forestry and related services	65	76	87	103	111	119	181	208	87
Fishing	20	34	39	38	27	55	36	61	22
Industry	13651	15112	19726	28191	35031	44804	64341	76618	57658
Construction	1109	1823	2502	4675	4929	6300	9107	12469	5325
Trade; repair of motor vehicles, household appliances and personal demand items	1285	2019	3276	5322	7614	11655	17778	24695	14091
trade in motor vehicles and motor-cycles, maintenance and servicing	215	326	419	671	1136	1970	2560	3291	2184
wholesale trade and sale intermediation	653	1056	1907	3178	3922	5384	7586	11654	5237
retail trade; repair of household appliances and personal demand items	417	637	950	1473	2556	4301	7632	9750	6670
Hotels and restaurants	469	446	677	1074	1508	1483	2614	3222	2589
hotels	257	171	416	568	751	611	1232	1511	1423
Transport and communications	7452	7004	10230	15015	16887	20329	31709	32558	24555
surface transport	3590	3121	4174	4685	5436	6666	11386	13366	6041
water transport	104	102	103	74	59	34	52	57	35
air transport	35	64	134	269	107	82	305	160	124
additional transport services and auxiliary operations	1510	1269	2152	4336	2744	3655	7477	8065	8787
post and communications	2213	2448	3667	5651	8541	9891	12489	10910	9568
communications	2154	2403	3635	5609	8486	9808	12407	10791	9466
Financial activity	530	891	977	1245	1964	2386	4165	4636	3359
Real estate transactions, renting, engineering and provision of services to businessmen	4545	5549	7716	11238	15334	24026	39415	48840	25678
real estate activities	4243	5045	6985	9585	13790	21674	35661	43992	22930
renting of machinery and equipment; hiring of household appliances and personal demand items	52	77	148	509	482	856	1380	2045	920
informatisation activity	42	40	31	68	91	205	243	283	131
research and development	80	116	181	289	197	282	415	433	388
activity in legislation, bookkeeping operations, in engineering; provision of services to businessmen	128	271	371	787	774	1009	1716	2087	1309
Public administration	328	449	792	1156	793	1054	1572	1819	894
Education	407	581	652	953	870	1164	1651	2322	1484
Health care and provision of social aid	474	577	1053	1472	1297	1835	2518	3531	1932
Provision of communal and individual services; cultural and sporting activity	686	763	1230	1954	1826	2854	4061	5420	4808
sanitary services, street cleaning and refuse disposal	186	265	339	549	352	473	801	907	632
activity of public organisations	55	62	61	96	122	190	96	205	374
cultural, sporting, recreational and entertainment activities	429	398	795	1255	1195	2014	2894	4054	3642
provision of individual services	16	38	35	54	157	177	270	254	160

INVESTMENT AND CONSTRUCTION ACTIVITY

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

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>97,4</b>	<b>58,5</b>
Agriculture, hunting, forestry	153,3	116,6	105,0	139,1	125,8	133,9	118,4	142,3	49,8
agriculture, hunting and related services	157,9	116,8	104,8	140,6	126,8	134,6	118,2	143,2	49,9
forestry and related services	90,6	113,4	109,9	103,3	93,0	101,5	127,0	93,6	38,2
Fishing	242,1	160,4	112,0	87,1	61,2	185,8	57,9	105,8	34,3
Industry	113,3	106,0	124,6	124,9	104,1	115,3	127,0	94,7	67,6
Construction	93,2	156,6	129,8	157,6	84,9	115,5	128,6	106,0	37,8
Trade; repair of motor vehicles, household appliances and personal demand items	154,0	151,3	154,8	142,2	118,0	134,9	130,8	109,0	51,7
trade in motor vehicles and motor-cycles, maintenance and servicing	116,3	150,6	120,7	140,3	137,6	153,5	112,5	98,6	60,5
wholesale trade and sale intermediation	151,1	153,3	173,7	146,8	104,3	123,7	124,5	121,1	40,7
retail trade; repair of household appliances and personal demand items	190,7	148,6	142,6	134,3	138,0	144,2	148,0	98,9	62,3
Hotels and restaurants	123,4	90,2	143,8	132,9	113,7	83,1	145,3	96,1	72,1
hotels	138,2	113,9	233,2	114,9	107,8	68,4	168,1	92,1	84,8
Transport and communications	140,5	89,3	140,5	128,0	94,4	107,2	133,5	82,4	66,7
surface transport	156,8	82,3	126,9	96,7	98,7	109,6	148,9	94,6	39,0
water transport	141,4	92,5	100,4	59,9	69,6	55,6	127,8	87,0	56,5
air transport	206,1	172,8	207,3	176,2	34,9	71,5	342,8	39,6	70,9
additional transport services and auxiliary operations	128,0	79,7	165,7	177,4	50,5	113,1	165,4	86,4	96,0
post and communications	126,6	106,5	144,8	134,1	129,2	104,7	110,7	70,6	79,9
communications	127,1	116,9	146,3	134,3	129,3	104,4	110,9	70,3	79,9
Financial activity	84,7	162,5	102,6	112,3	135,5	112,5	159,5	88,2	64,6
Real estate transactions, renting, engineering and provision of services to businessmen	108,8	115,3	133,5	119,1	110,2	130,7	133,4	94,2	47,2
real estate activities	107,1	112,3	133,1	112,4	114,6	129,5	132,3	92,9	46,8
renting of machinery and equipment; hiring of household appliances and personal demand items	138,3	137,6	182,8	291,7	85,4	169,4	147,0	121,0	40,6
informatisation activity	157,1	92,3	69,7	190,7	117,6	213,2	104,2	91,4	42,9
research and development	197,1	142,9	156,1	137,2	59,9	131,2	126,5	90,8	81,4
activity in legislation, bookkeeping operations, in engineering; provision of services to businessmen	129,6	215,9	129,1	181,6	85,5	118,1	150,8	95,1	56,2
Public administration	97,8	123,9	172,9	126,3	57,9	119,6	128,9	94,1	44,4
Education	138,9	130,8	109,4	127,2	75,7	114,7	117,8	110,3	56,9
Health care and provision of social aid	116,1	112,0	171,6	122,6	73,3	124,3	117,5	113,0	49,3
Provision of communal and individual services; cultural and sporting activity	136,4	104,1	153,3	136,5	69,1	138,3	125,9	102,5	81,6
sanitary services, street cleaning and refuse disposal	94,6	137,5	122,3	135,0	47,3	115,6	156,1	89,7	64,3
activity of public organisations	88,6	110,8	91,9	132,8	87,7	135,0	44,7	160,1	170,9
cultural, sporting, recreational and entertainment activities	192,0	84,5	191,3	137,8	71,0	150,2	125,8	106,7	82,5
provision of individual services	83,3	238,3	87,2	128,6	211,3	98,2	131,8	75,0	58,2

INVESTMENT AND CONSTRUCTION ACTIVITY

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

(at current prices; mln. UAH)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Industry</b>	<b>13651</b>	<b>15112</b>	<b>19726</b>	<b>28191</b>	<b>35031</b>	<b>44804</b>	<b>64341</b>	<b>76618</b>	<b>57658</b>
Mining	4234	3819	4523	6345	8107	8594	12142	16767	13914
mining of fuel and energy minerals	3523	3140	3539	4930	6061	6180	8581	10984	10267
mining operations apart from fuel and energy minerals	711	679	984	1415	2046	2414	3561	5783	3647
Manufacturing	7084	8433	11659	16663	22399	30113	44823	48976	35322
production of foodstuffs, beverages and tobacco products	2187	3086	4109	5016	6418	8290	11830	13130	10458
light industry	161	146	266	360	493	409	479	440	336
textile industry, sewing of clothes, fur and fur articles	129	118	198	271	344	290	348	365	196
production of leather, leather articles and other materials	32	28	68	89	149	119	131	75	140
wood working and production of wood products apart from furniture	108	173	207	375	610	754	965	768	1416
cellulose and paper industry; printing	352	678	536	747	843	1292	1876	2558	1377
production of coke and refined petroleum products	771	572	1056	1397	1979	1910	2137	2094	1772
chemical and petrochemical industry	700	798	848	1688	2376	2638	3666	5107	4656
production of chemicals	583	583	615	1107	1668	1613	2403	3500	3736
production of rubber and plastic products	117	215	233	581	708	1024	1263	1607	920
production of other non-metallic mineral products	322	412	697	1258	1537	3753	6606	7046	4765
metallurgy and production of finished metal products	1422	1366	2032	3282	5575	6971	11234	10503	6683
engineering	940	1024	1646	2268	2251	3653	5340	6189	3564
manufacture of machinery and equipment	395	448	573	829	831	1274	1714	1786	1399
manufacture of electrical, electronic and optical equipment	289	297	509	660	696	1031	1295	1924	1165
manufacture of transport vehicles and equipment	256	279	564	779	724	1348	2331	2479	1000
other manufacture n.i.e.	121	178	262	272	317	443	690	1141	295
Production and distribution of electricity, gas and water	2333	2860	3544	5183	4525	6096	7376	10875	8422

# INVESTMENT AND CONSTRUCTION ACTIVITY

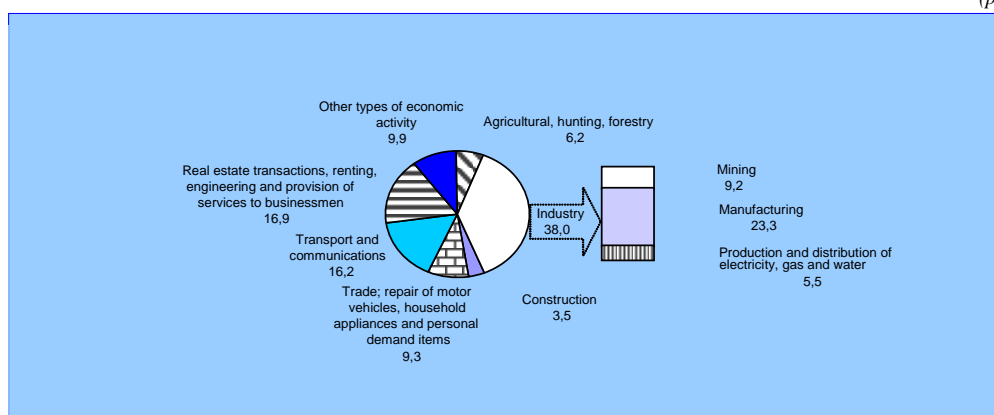
## 9.11. Indices for fixed capital investment, by industrial activity

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Industry</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>	<b>94,7</b>	<b>67,6</b>
Mining	107,1	87,4	111,8	120,9	104,0	93,7	125,1	109,0	74,9
mining of fuel and energy minerals	114,5	86,2	106,2	119,8	100,1	88,9	121,2	100,6	84,7
mining operations apart from fuel and energy minerals	81,3	92,9	137,1	124,8	117,0	107,7	134,6	127,1	56,6
Manufacturing	118,0	113,8	132,5	126,0	114,1	122,7	132,0	88,1	64,7
production of foodstuffs, beverages and tobacco products	110,6	134,8	128,5	107,9	109,6	119,5	127,5	90,4	71,5
light industry	89,2	86,7	174,3	121,6	119,2	75,8	104,0	76,2	69,0
textile industry; sewing of clothes, fur and fur articles	92,8	87,4	160,2	122,3	111,9	77,4	105,6	87,2	47,9
production of leather, leather articles and other materials	76,8	83,9	234,3	119,5	140,7	72,0	100,1	46,9	172,7
wood working and production of wood products apart from furniture	160,0	156,3	115,2	161,7	141,1	113,8	106,8	68,6	160,4
cellulose and paper industry; printing	138,9	189,3	75,4	123,1	99,8	142,1	132,0	112,6	48,5
production of coke and refined petroleum products	162,4	72,2	171,7	116,0	112,5	86,0	94,7	73,2	75,9
chemical and petrochemical industry	128,5	112,1	101,4	171,2	121,1	101,8	124,4	112,5	81,7
production of chemicals	129,3	96,9	102,3	155,5	128,1	88,4	133,4	115,7	95,9
production of rubber and plastic products	124,5	190,1	99,2	213,2	107,6	132,9	110,4	106,6	51,5
production of other non-metallic mineral products	142,0	124,8	158,3	160,3	104,2	220,2	153,9	85,0	60,5
metallurgy and production of finished metal products	105,1	91,6	141,7	143,3	141,3	111,8	143,6	73,5	57,4
engineering	109,1	106,1	154,7	120,4	86,2	149,6	130,3	94,1	52,0
manufacture of machinery and equipment	112,3	109,8	122,3	127,0	87,5	142,6	117,1	88,1	70,5
manufacture of electrical, electronic and optical equipment	135,4	101,5	170,3	110,1	92,0	137,4	113,3	118,9	55,0
manufacture of transport vehicles and equipment	87,0	105,2	189,8	123,3	80,1	169,4	156,4	84,4	36,0
other manufacture n.i.e.	148,4	136,3	144,3	91,0	99,1	128,3	138,0	132,7	23,3
Production and distribution of electricity, gas and water	111,5	116,1	119,2	126,4	72,7	114,8	103,2	115,4	69,8

## 9.12. Structure of fixed capital investment in 2009, by type of economic activity

(percent)



INVESTMENT AND CONSTRUCTION ACTIVITY

**9.13. Selected production capacities put into operation during the year**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Power plants, thsd. kW <sup>1</sup>	282,5	2,6	11,7	32,1	39,4	5,2	345,5	1,4	152,0	475,3	16,8
Electric lines, km, with the voltage of											
35 kV and more	1939	372	138	420	274	96	131	118	394	112	22
6–20 kV	5645	678	447	254	143	189	191	139	162	286	169
0,4 kV	10270	2862	1123	880	946	800	1046	1002	1117	1126	307
Step-down transformer substations with the voltage of 35 kV and more, thsd. kV·A	3685,0	239,2	190,8	73,0	100,6	2287,6	275,3	21,3	792,3	110,2	373,2
Main gas pipelines and branch pipes, km	207	425	355	414	356	403	403	302	186	102	28
Wells, units											
oil	41	22	48	50	46	35	42	30	47	24	24
gas	27	98	88	92	61	69	63	57	60	54	41
Coal mining capacities, thsd. t	4870	100	300	—	370	—	—	—	—	—	—
Capacities for production of prefabricated ferroconcrete structures and articles, thsd. cub. m	307,2	8,0	—	—	—	10,7	3,5	12,0	0,3	222,0	—
construction bricks, mln. conventional bricks	10,0	70,0	15,5	30,0	0,2	60,0	22,0	43,5	—	87,0	—
varnish and paint, thsd. t	—	40,0	4,0	4,6	4,2	16,0	6,1	0,5	25,7	0,4	—
granulated sugar, related products <sup>2</sup> , thsd. t per year <sup>3</sup>	13,0	—	—	—	0,4	4,0	0,3	—	—	—	—
meat, thsd. t per year <sup>4</sup>	19,0	56,8	31,1	25,5	9,2	0,4	20,4	36,0	13,7	84,4	33,9
whole milk products, thsd. t per year <sup>4</sup>	334,2	218,6	37,1	70,0	11,4	—	7,1	16,4	13,4	5,6	54,6
cheese, thsd. t per year <sup>4</sup>	1,7	0,6	5,0	40,1	0,5	0,5	1,2	20,3	5,3	25,9	14,3
vegetable oil, thsd. t per year <sup>5</sup>	6,5	6,2	1072,7	106,5	3,5	442,9	503,4	21,9	75,1	1152,2	271,3
canned fruits and vegetables, mln. conventional cans	33,2	26,8	11,5	0,02	25,9	0,5	11,0	—	6,1	10,1	—
Automated telephone stations, thsd. numbers											
urban	295,8	279,3	241,1	506,6	712,3	783,5	727,8	516,1	422,1	210,3	39,5
rural	—	22,1	47,8	81,0	76,4	85,3	111,6	88,5	55,2	15,5	3,6
Public roads with hard coating, km	2532	455	194	77	73	133	101	100	159	111	20

<sup>1</sup> 2006 and 2007, megawatt

<sup>2</sup> Until 2003, sugar

<sup>3</sup> Until 2003, thsd. centners of processed beets per day

<sup>4</sup> Until 2003, t per shift

<sup>5</sup> Until 2003, t processed oil seeds per day

INVESTMENT AND CONSTRUCTION ACTIVITY

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

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Premises for livestock (including mechanically operated barns), thsd. places											
cattle	207,9	36,8	6,0	2,4	3,1	3,3	1,2	4,0	2,4	1,5	2,2
pigs	128,5	21,6	5,3	3,5	4,9	10,5	10,0	10,4	7,0	8,8	1,8
sheep	28,0	3,4	0,7	0,4	—	—	—	—	1,0	0,4	4,9
Irrigated areas, thsd.ha	44,3	4,5	0,01	0,2	0,5	0,3	0,1	0,3	2,5	5,3	0,6
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	53,2	46,0	60,2	53,2	52,6	27,7	33,6	44,6
Storehouses for potatoes, fruit and vegetables, capacity in thsd.t	220,9	18,0	9,6	0,2	1,1	1,6	12,7	5,0	9,5	8,2	10,7
Silage and hay installations, thsd.cub.m	1449,7	78,0	17,4	20,8	7,3	5,0	—	—	—	10,3	48,0
Automated storehouses for fertilisers, pesticides, microbiological agents and lime compounds, capacity in thsd.t	285,9	13,1	0,6	0,2	2,5	31,5	0,3	0,1	0,03	0,0	—

**9.15. Basic indicators for construction**

	2000	2002	2003	2004	2005	2006	2007	2008	2009
Sale of construction products (at current prices), mln. UAH	13095,8	19853,3	29174,1	46425,7	51482,0	71913,8	107174,9	128961,2 <sup>1</sup>	81237,6 <sup>2</sup>
Fixed construction assets (at current prices; end of year), mln. UAH	15462	17312	18256	20421	24682	29278	40074	52084	66486
Profitability of operations of construction enterprises, percent	1,3	1,2	2,2	2,1	2,2	3,1	2,6	-2,7 <sup>1</sup>	-1,0 <sup>2</sup>
Share of loss-making construction enterprises, percent	40	38	36	34	34	32	32	37 <sup>1</sup>	43 <sup>2</sup>
Average annual number of employees engaged in construction, thsd.	697,0	630,5	633,6	655,7	657,9	667,9	679,2	653,2 <sup>1</sup>	522,4 <sup>2</sup>
Average monthly nominal wages of construction employees, UAH	230,17	356,46	443,85	582,16	751,19	958,01	1236,30	1526,38 <sup>1</sup>	1278,06 <sup>2</sup>

<sup>1</sup> Data is updated taking into account the changes of the major type of economic activity of enterprises

<sup>2</sup> Data is resulted without taking into account changes of the major type of activity of enterprises

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.16. Indices of construction output, by region**

(percent of the previous year)

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



INVESTMENT AND CONSTRUCTION ACTIVITY

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

(percent of the previous year)

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

**9.18. Construction output, by type of activity**

(percent)

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

INVESTMENT AND CONSTRUCTION ACTIVITY

RESIDENTIAL, SOCIAL AND CULTURAL CONSTRUCTION

9.19. Fixed capital investment in residential construction, by region

(at current prices; mln. UAH)

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

INVESTMENT AND CONSTRUCTION ACTIVITY

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

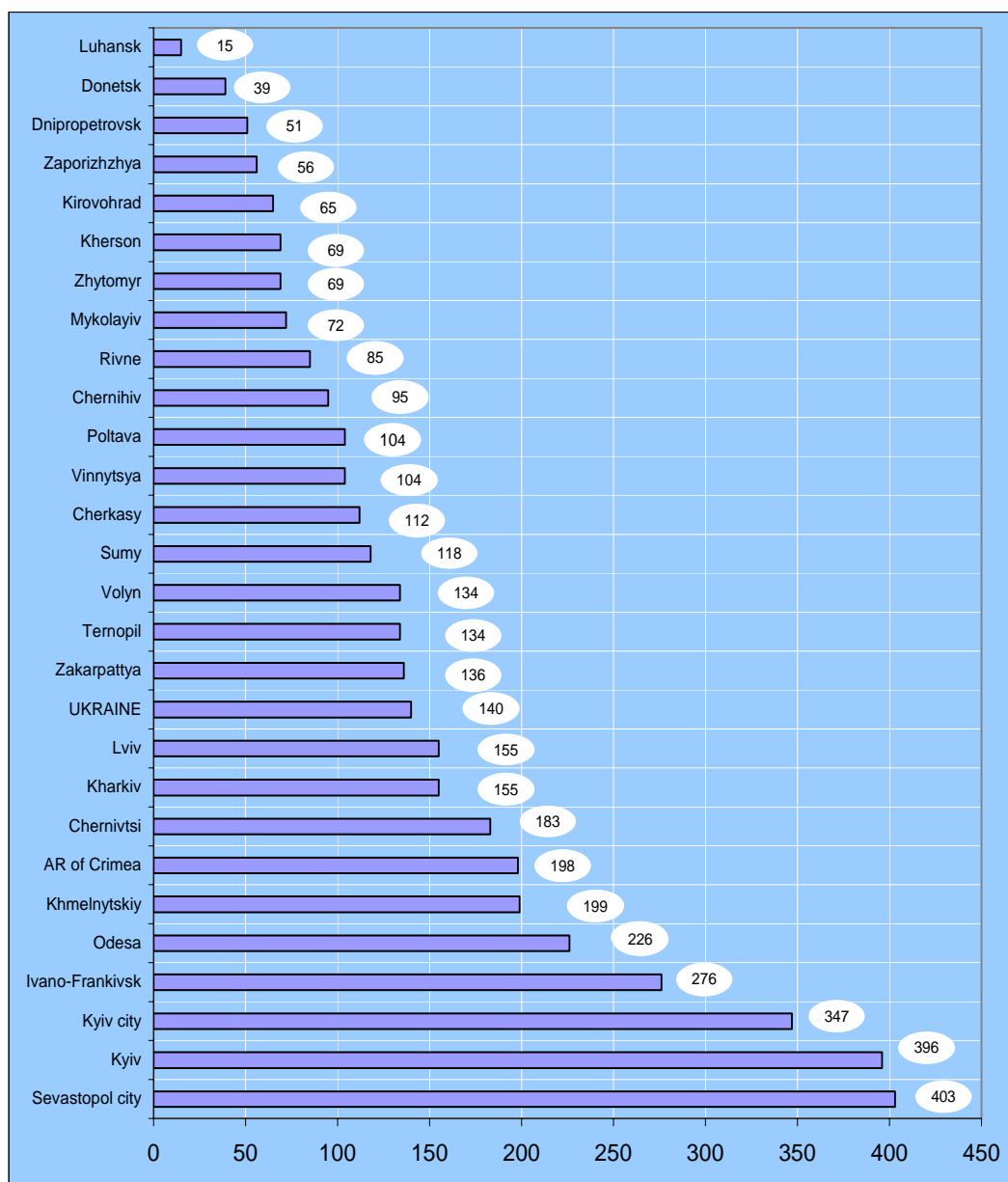
*(percent of the previous year)*

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

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.21. Residential buildings and social facilities put into service**

	Residential buildings, thsd.sq.m of total size		Pre-school educational institutions, thsd. places	Secondary educational institutions, thsd. admission number	Hospital facilities, thsd. beds	Clinics, thsd. visit per shift
	total	individual				
1950	7688	4651	...	76,3	...	...
1955	8733	5390	25,5	92,7	3,3	...
1960	20838	12595	77,1	255,1	10,1	...
1965	18892	9912	113,3	255,7	13,1	...
1970	18764	7606	84,5	255,0	10,6	27,5
1975	19842	7451	78,5	269,8	17,1	27,4
1980	17326	4641	93,2	156,4	12,1	27,4
1985	19193	5178	89,7	180,0	11,2	35,7
1990	17447	4397	47,6	163,9	6,4	20,4
1995	8663	3877	6,6	54,2	2,5	9,9
2000	5558	3351	0,6	15,4	0,8	2,3
2001	5939	3446	0,5	14,8	0,5	3,1
2002	6073	3613	0,5	8,0	0,4	1,4
2003	6433	3864	0,4	10,7	1,2	3,7
2004	7566	5026	0,1	12,8	0,7	2,7
2005	7816	4369	0,6	10,6	0,9	4,0
2006	8628	4652	0,6	11,0	1,1	3,8
2007	10244	5677	0,3	11,7	0,5	2,5
2008	10496	5831	2,3	12,4	1,1	4,9
2009	6400	2287	0,6	6,1	1,0	2,7

**9.22. Residential buildings put into service in 2009, by region***(sq.m of total size per 1000 population)*

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.23. Residential buildings put into service, by region**

(thsd.sq.m of total size)

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

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.24. Individual residential buildings put into service, by region**

(thsd.sq.m of total size)

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

INVESTMENT AND CONSTRUCTION ACTIVITY

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

(thsd.sq.m of total size)

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



INVESTMENT AND CONSTRUCTION ACTIVITY

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

(thsd.sq.m of total size)

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

INVESTMENT AND CONSTRUCTION ACTIVITY

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

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Commissioned, thsd.sq.m											
of total size	17447	8663	5558	6073	6433	7566	7816	8628	10244	10496	6400
in urban areas	14024	6456	4329	4858	5074	5739	6088	6709	7737	7640	5163
in rural areas	3423	2207	1229	1215	1359	1827	1728	1919	2507	2856	1237
Number of apartments											
built, thsd.	279	118	63	64	62	71	76	82	95	94	66
in urban areas	233	94	52	54	51	57	63	69	78	76	57
in rural areas	46	24	11	10	11	14	13	13	17	18	9
<b>Per 1000 population</b>											
Commissioned, sq.m											
of total size	338	169	113	127	135	160	167	185	221	228	140
in urban areas	404	186	130	151	159	180	192	213	246	244	165
in rural areas	202	133	77	77	87	118	113	128	169	194	85
Number of apartments											
built	5,6	2,3	1,3	1,3	1,3	1,5	1,6	1,8	2,0	2,0	1,4
in urban areas	7,0	2,7	1,6	1,7	1,6	1,8	2,0	2,2	2,5	2,4	1,8
in rural areas	2,8	1,5	0,7	0,7	0,7	0,9	0,8	0,9	1,1	1,2	0,6

**9.28. Residential buildings put into service**

	Residential buildings put into service			Of which individual		
	total	in urban areas	in rural areas	total	in urban areas	in rural areas
<b>Units</b>						
2000	31344	20746	10598	30386	20161	10225
2001	31132	21141	9991	30205	20468	9737
2002	30884	...	...	30121	...	...
2003	29867	19361	10506	29172	18779	10393
2004	35223	22485	12738	34619	21974	12645
2005	30434	18813	11621	29641	18100	11541
2006	30653	18450	12203	29771	17680	12091
2007	35903	20896	15007	35021	20086	14935
2008	34742	18930	15812	33539	17974	15565
2009	12748	6848	5900	11655	6119	5536
<b>Percentage of total</b>						
2000	100	66,2	33,8	100	66,3	33,7
2001	100	67,9	32,1	100	67,8	32,2
2002	100	...	...	100	...	...
2003	100	64,8	35,2	100	64,4	35,6
2004	100	63,8	36,2	100	63,5	36,5
2005	100	61,8	38,2	100	61,1	38,9
2006	100	60,2	39,8	100	59,4	40,6
2007	100	58,2	41,8	100	57,4	42,6
2008	100	54,5	45,5	100	53,6	46,4
2009	100	53,7	46,3	100	52,5	47,5

INVESTMENT AND CONSTRUCTION ACTIVITY

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

(admission number)

	1990		1995		2000		2005		2008		2009	
	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas
<b>Ukraine</b>	<b>163928</b>	<b>60790</b>	<b>54193</b>	<b>17719</b>	<b>15392</b>	<b>8616</b>	<b>10586</b>	<b>5172</b>	<b>12381</b>	<b>5209</b>	<b>6064</b>	<b>2567</b>
Autonomous Republic of Crimea	7384	3450	2120	432	—	—	1372	—	240	—	—	—
<b>oblasts</b>												
Vinnitsya	7371	3855	1418	692	40	40	50	50	814	198	308	—
Volyn	4750	2730	2318	2318	120	120	473	226	572	572	—	—
Dnipropetrovsk	12641	3052	930	570	2828	1002	—	—	—	—	—	—
Donetsk	10720	1204	3095	514	484	484	50	50	—	—	—	—
Zhytomyr	3478	3478	3229	1430	720	670	374	374	872	399	190	—
Zakarpattia	2854	2494	354	354	732	192	—	—	1380	820	350	350
Zaporizhzhya	5224	2535	2036	—	—	—	—	—	—	—	—	—
Ivano-Frankivsk	2525	1229	287	145	1770	1770	1288	928	618	618	100	100
Kyiv	7633	2665	4276	816	540	—	50	50	480	—	784	784
Kirovohrad	3516	220	1240	1240	—	—	—	—	310	310	—	—
Luhansk	4797	1501	2186	498	25	25	—	—	504	—	—	—
Lviv	5486	2894	4119	1719	1604	1484	1059	828	680	560	170	170
Mykolayiv	3785	2385	650	—	360	—	—	—	586	—	562	198
Odesa	8366	2966	1790	408	602	602	1206	1046	1332	692	460	—
Poltava	7620	3852	2884	830	1276	162	—	—	124	124	—	—
Rivne	3815	3449	1341	1341	—	—	366	366	150	150	942	501
Sumy	5957	2367	984	45	84	84	270	—	—	—	—	—
Ternopil	5114	1450	458	458	150	150	—	—	64	64	—	—
Kharkiv	6989	725	3608	964	689	689	654	120	400	—	414	—
Kherson	5480	2574	1683	432	360	—	—	—	—	—	—	—
Khmelnyskiy	5744	2720	1931	635	1302	882	2080	784	510	210	454	454
Cherkasy	5856	2664	1102	1102	—	—	—	—	—	—	10	10
Chernivtsi	5840	2376	836	—	180	180	1114	350	153	60	—	—
Chernihiv	7134	1955	1468	776	260	80	—	—	432	432	—	—
<b>cities</b>												
Kyiv	12598	—	7850	—	1266	—	180	—	1660	—	820	—
Sevastopol	1251	—	—	—	—	—	—	—	500	—	500	—

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.30. Capacity of higher educational and professional training institutions put into service**

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
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	—	22,1	—
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	14,5	39,4
Professional training institutions, admission number, thsd.	2,6	1,2	—	0,05	—	0,0	—	—	—	—	—	—

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

(beds)

	1990		1995		2000		2005		2008		2009	
	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas
<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>1098</b>	<b>48</b>	<b>1007</b>	<b>265</b>
Autonomous Republic of Crimea	240	—	—	—	—	—	—	—	—	—	2	—
<b>oblasts</b>												
Vinnitsya	25	—	170	50	—	—	—	—	—	—	82	—
Volyn	—	—	148	123	—	—	19	15	—	—	—	—
Dnipropetrovsk	480	—	808	8	—	—	—	—	40	—	—	—
Donetsk	462	50	50	—	72	—	6	6	41	—	—	—
Zhytomyr	290	50	75	—	75	—	—	—	42	—	—	—
Zakarpattia	—	—	60	—	—	—	—	—	40	—	100	100
Zaporizhzhya	162	24	102	—	—	—	201	—	—	—	—	—
Ivano-Frankivsk	465	75	30	—	32	—	179	—	—	—	—	—
Kyiv	740	40	575	75	—	—	—	—	—	—	—	—
Kirovohrad	9	9	—	—	—	—	—	—	25	25	20	—
Luhansk	260	—	120	—	—	—	40	—	10	—	120	120
Lviv	302	—	—	—	—	—	40	—	82	15	—	—
Mykolayiv	150	—	10	10	—	—	40	—	—	—	—	—
Odesa	465	25	—	—	30	—	148	—	—	—	10	—
Poltava	265	25	85	25	—	—	—	—	22	—	30	—
Rivne	167	25	—	—	82	—	39	—	—	—	120	—
Sumy	110	50	—	—	—	—	38	—	—	—	—	—
Ternopil	38	38	—	—	80	—	—	—	143	—	77	—
Kharkiv	—	—	—	—	130	—	—	—	30	—	255	—
Kherson	150	70	30	—	—	—	—	—	240	—	16	—
Khmelnyskiy	90	40	—	—	68	65	—	—	8	8	120	—
Cherkasy	714	150	—	—	—	—	—	—	—	—	—	—
Chernivtsi	110	60	—	—	—	—	73	—	—	—	—	—
Chernihiv	211	50	211	—	52	—	30	—	—	—	45	45
<b>city</b>												
Kyiv	450	—	—	—	163	—	—	—	375	—	10	—

INVESTMENT AND CONSTRUCTION ACTIVITY

**9.32. Capacity of clinics put into service, by region**

(visits per shift)

	1990		1995		2000		2005		2008		2009	
	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas
<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>4876</b>	<b>212</b>	<b>2736</b>	<b>341</b>
Autonomous Republic of Crimea	590	290	236	—	—	—	—	—	124	24	—	—
<b>oblasts</b>												
Vinnitsya	215	215	145	130	—	—	—	—	431	12	60	—
Volyn	650	170	625	165	13	—	124	124	62	30	85	—
Dnipropetrovsk	1055	70	550	180	500	500	—	—	200	—	5	—
Donetsk	2020	210	885	110	—	—	140	—	—	—	100	—
Zhytomyr	860	360	378	50	450	30	—	—	1005	—	5	—
Zakarpattia	115	15	650	50	—	—	—	—	180	—	240	80
Zaporizhzhya	785	35	485	10	—	—	—	—	—	—	—	—
Ivano-Frankivsk	574	349	50	50	30	30	10	—	55	12	394	28
Kyiv	1170	250	240	240	—	—	1580	—	7	7	90	90
Kirovohrad	260	75	20	20	25	25	—	—	—	—	—	—
Luhansk	210	210	30	30	—	—	60	—	132	—	—	—
Lviv	680	280	2200	—	—	—	430	30	970	15	178	58
Mykolayiv	308	208	375	—	—	—	40	—	20	—	20	—
Odesa	2921	100	40	40	—	—	36	20	20	20	465	15
Poltava	425	50	500	50	20	—	640	—	65	25	393	—
Rivne	1995	1240	110	110	75	75	215	15	152	—	322	—
Sumy	665	365	15	15	—	—	—	—	—	—	—	—
Ternopil	190	190	75	75	—	—	—	—	55	—	96	—
Kharkiv	125	125	—	—	—	—	220	—	—	—	—	—
Kherson	1490	235	95	95	—	—	100	50	104	—	50	10
Khmelnyskiy	1004	629	610	230	22	—	125	33	55	17	109	—
Cherkasy	575	575	90	90	—	—	45	45	10	—	—	—
Chernivtsi	590	70	230	30	128	120	—	—	75	50	10	10
Chernihiv	210	60	765	190	20	20	17	—	199	—	94	50
<b>cities</b>												
Kyiv	730	—	480	—	1000	—	210	—	955	—	—	—
Sevastopol	—	—	—	—	—	—	20	—	—	—	20	—

INVESTMENT AND CONSTRUCTION ACTIVITY

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

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

<sup>1</sup> Before 2003, units

## 10. TRANSPORT AND COMMUNICATIONS

**Freight shipped** is the total quantity of goods expressed in tons (gross), shipped.

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

**Freight traffic** is measured as the weight of shipped freight multiplied by the distance of shipping every lot. It is measured in ton-kilometers (sea shipment is measured in ton-miles).

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

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

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

**Passengers carried** is the total number of passengers admitted for transport.

**Transport passengers** is the total number of passengers transported by category of carrier (busses, motor cars, trolley buses, trams, passenger railway coaches, sea and river vessels and airplanes).

**Passenger traffic** is the total activity of passenger transport. This equals the total number of passengers (passenger groups) transported multiplied by

passenger-kilometer (passenger-miles for water transport).

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

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

**Long-distance transport** refers to passenger transportation by routes, the length of which exceed 50 km and which are within boundaries of the Autonomous Republic of Crimea, region (inter-oblast) or are outside the Autonomous Republic of Crimea, region (interregional).

**Density of the transport network** is the length of the transportation network per unit of Ukraine's territory.

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

**Average distance of transport** is defined by dividing freight and passenger traffic by the quantity of shipped freight and transported passengers respectively.

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

TRANSPORT AND COMMUNICATIONS

**TRANSPORT**

**10.1. Freight shipped in 1940–2009, by mode of transport**

(mln.t)

	By mode of transport			
	rail <sup>1</sup>	road <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
2008	499	1267	8	11
2009	391	1069	5	5

<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 natural persons-entrepreneurs

**10.2. Freight shipped, by mode of transport**

(mln.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Transport</b>	<b>6286</b>	<b>2456</b>	<b>1529</b>	<b>1558</b>	<b>1654</b>	<b>1731</b>	<b>1805</b>	<b>1873</b>	<b>1990</b>	<b>1972</b>	<b>1625</b>
Land	6167	2422	1514	1541	1635	1710	1784	1850	1965,4	1953	1615
rail <sup>1</sup>	974	360	357	393	445	462	450	479	514	499	391
road <sup>1</sup>	4897	1816	939	947	973	1027	1121	1167	1255	1267	1069
pipeline	296	246	218	201	217	221	213	204	196	187	155
Water	119	34	15	16,4	19	21	21	23	24	19	10
sea	53	21	6,3	8,8	9	9	8	9	9	8	5
river	66	13	8,3	7,6	10	12	13	14	15	11	5
Air	0,2	0,0	0,0	0,1	0,1	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 freight shipped, by mode of transport**

(percent)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>100</b>
Land	98	98	99	99	99	99	99	99	99	99	99
rail <sup>1</sup>	15	14	23	25	27	27	25	26	26	25	24
road <sup>1</sup>	78	74	61	61	59	59	62	62	63	64	66
pipeline	5	10	15	13	13	13	12	11	10	10	9
Water	2	2	1	1	1	1	1	1	1	1	1
sea	1	1	0	1	0	0	0	0	0	0	0
river	1	1	1	0	1	1	1	1	1	1	0
Air	0	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 mode of transport**

(percent)

	1990=100									To the previous year							
	1995	2000	2004	2005	2006	2007	2008	2009	1995	2000	2004	2005	2006	2007	2008	2009	
Transport	39	24	28	29	30	32	31	26	96	99,5	105	104	104	106	99	82	
Land	39	25	28	29	30	32	32	26	96	99	105	104	104	106	99	83	
rail <sup>1</sup>	37	37	47	46	49	53	51	40	88	107	104	97	106	107	97	79	
road <sup>1</sup>	37	19	21	23	24	26	26	22	97	98	106	109	104	108	101	84	
pipeline	83	74	75	72	69	66	63	52	101	94	102	96	96	96	95	83	
Water	28	12	17	18	19	20	16	8	74	101	110	104	107	106	81	50	
sea	39	12	17	16	16	17	15	9	81	98	99	98	101	105	90	57	
river	20	13	18	20	22	23	17	8	65	103	119	109	111	106	75	46	
Air	11	14	60	74	59	62	61	51	120	206	68	125	78	105	98	83	

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

TRANSPORT AND COMMUNICATIONS

10.5. Freight traffic in 1940–2009, by mode of transport

(bln.tkm)

	Total	By mode of transport					
		rail	road <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
2008	507,7	257,0	54,9	11,3	4,5	179,6	0,4
2009	395,7	196,2	49,2	5,2	2,8	141,9	0,4

<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 mode of transport

(bln.tkm)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Transport</b>	<b>1039,3</b>	<b>544,0</b>	<b>394,1</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>	<b>507,7</b>	<b>395,7</b>
Land	761,7	415,2	379,6	397,9	442,4	464,9	457,4	475,9	491,2	491,5	387,3
rail	474,0	195,8	172,8	193,1	225,3	234,0	224,0	240,8	262,5	257,0	196,2
road <sup>1</sup>	79,7	34,5	19,3	20,6	24,4	28,8	35,3	40,6	46,6	54,9	49,2
pipeline	208,0	184,9	187,5	184,2	192,7	202,1	198,1	194,5	182,1	179,6	141,9
Water	277,5	128,8	14,5	13,0	14,6	14,9	15,9	18,4	18,6	15,8	8,0
sea	265,6	123,1	8,6	8,8	9,9	9,3	9,6	12,1	12,9	11,3	5,2
river	11,9	5,7	5,9	4,2	4,7	5,6	6,3	6,3	5,7	4,5	2,8
Air	0,1	0,0	0,0	0,4	0,5	0,3	0,3	0,3	0,4	0,4	0,4

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

10.7. Distribution of freight traffic, by mode of transport

(percent)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>100</b>
Land	74	76	97	97	97	97	97	96	96	97	98
rail	46	36	44	47	49	49	47	49	51	51	50
road <sup>1</sup>	8	6	5	5	6	6	7	8	9	11	12
pipeline	20	34	48	45	42	42	42	39	36	35	36
Water	26	24	3	3	3	3	3	4	4	3	2
sea	25	23	2	2	2	2	2	2,4	3	2	1
river	1	1	1	1	1	1	1	1,3	1	1	1
Air	0	0	0	0,1	0,1	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	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total shipment<sup>1</sup></b>	<b>974</b>	<b>360</b>	<b>357</b>	<b>393</b>	<b>445</b>	<b>462</b>	<b>450</b>	<b>479</b>	<b>514</b>	<b>499</b>	<b>391</b>
coal	217	102	98	112	120	127	120	124	126	129	109
coke	19	8	11	11	13	14	11	11	13	12	10
oil and oil products	52	20	27	33	43	33	27	25	28	30	27
ferrous metals	70	24	45	43	46	50	49	54	57	52	37
timber	5	3	3	4	4	5	5	5	5	5	4
bread	36	16	6	13	13	10	13	11	11	18	20
ore	116	50	65	68	74	78	80	87	93	86	73
cement	19	6	4	5	7	8	9	11	11	12	6
chemical and mineral fertilisers	16	5	10	9	11	11	12	13	16	15	11
other freight	424	126	88	95	114	126	124	138	154	140	94

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

**10.9. Freight shipped, by river**

(thsd.t)

	1990	1995	2000	2002 <sup>1</sup>	2003 <sup>1</sup>	2004 <sup>1</sup>	2005	2006	2007	2008	2009
<b>Total shipment</b>	<b>65728</b>	<b>12845</b>	<b>8350</b>	<b>7608</b>	<b>9975</b>	<b>11859</b>	<b>12869</b>	<b>14297</b>	<b>15121</b>	<b>11294</b>	<b>5146</b>
By type of freight											
oil and oil products	516	6	—	...	...	42	27	29	24	4	—
coal	1687	620	245	1205 <sup>2</sup>	1229 <sup>2</sup>	1588	1210	924	1135	1321	779
coke	...	81	240	...	...	...	160	69	114	74	125
all kind of ores	4540	1283	1594	1672 <sup>3</sup>	2123 <sup>3</sup>	2495 <sup>3</sup>	3086	3179	2748	2035	1470
construction	54568	8594	3791	2402 <sup>4</sup>	4173 <sup>4</sup>	5139 <sup>4</sup>	5891	7537	8779	6169	1808
chemical and mineral fertilisers	95	161	116	48	142	207	206	193	292	228	81
timber	37	7	9	6	5	4	4	3	5	6	2
paper	...	...	4	24	38	45	31	12	10	23	2
all kind of metals	900	717	1599	1422	1364	1284	795	1027	947	529	255
machines and equipment	314	...	48	42	52	79	38	32	33	29	27
sugar	...	...	11	24 <sup>5</sup>	42 <sup>5</sup>	28 <sup>5</sup>	43	25	—	—	—
bread	725	331	211	730	633	568	920	693	343	292	389
cotton, flax	...	...	4	—	—	—	—	—	—	—	—
perishables	34	...	—	—	1	—	—	—	—	—	—
freight in containers	...	...	26	0	—	—	—	—	—	—	—
other freight	2312	1045	452	33	173	380	458	574	691	584	208
By type of communication route											
international	2713	3260	4314	4696	5188	5859	5828	5755	5124	4022	2641
coastal	63015	9585	4036	2912	4787	6000	7041	8542	9997	7272	2505

<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 sea

(thsd.t)

	1990	1995	2000	2002 <sup>1</sup>	2003 <sup>1</sup>	2004 <sup>1</sup>	2005	2006	2007	2008	2009
<b>Total shipment</b>	<b>53253</b>	<b>20798</b>	<b>6316</b>	<b>8786</b>	<b>8851</b>	<b>8794</b>	<b>8575</b>	<b>8665</b>	<b>9124</b>	<b>8228</b>	<b>4652</b>
By type of freight											
oil and oil products	1498 <sup>2</sup>	190	344	...	...	1	10	299	484	430	298
coal	552 <sup>2</sup>	338	271	160 <sup>3</sup>	208 <sup>3</sup>	263	99	53	167	139	174
coke	...	361	89	...	...	...	37	22	12	6	5
all kind of ores	2225 <sup>2</sup>	2531	1038	1170 <sup>4</sup>	1358 <sup>4</sup>	973 <sup>4</sup>	758	706	1152	820	96
construction	...	1174	965	1774 <sup>5</sup>	1788 <sup>5</sup>	1971 <sup>5</sup>	1812	2052	2154	2121	1399
chemical and mineral											
fertilisers	10279 <sup>2</sup>	1670	201	166	165	201	211	251	111	101	62
timber	6 <sup>2</sup>	464	262	237	436	387	259	202	106	70	17
paper	...	344	97	89	69	38	25	14	2	5	—
all kind of metals	101 <sup>2</sup>	3354	1003	2539	2443	2580	2038	2086	2029	1787	599
bread	1635 <sup>2</sup>	2919	247	953	452	491	1062	939	933	1003	711
freight in containers	...	1887	733	896	875	781	781	456	397	258	62
other freight	580 <sup>2</sup>	5566	1066	802	1057	1108	1483	1585	1577	1488	1229
By type of communication routes											
international	36377	19966	5241	6288	5981	5972	6334	6106	5785	5365	2676
coastal	16876	832	1075	2498	2870	2822	2241	2559	3339	2863	1976

<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 handled in sea and river ports (goods and fish)<sup>1</sup>

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Seaports</b>										
<b>Freight shipped, thsd.t</b>	<b>53210</b>	<b>91943</b>	<b>120601</b>	<b>126962</b>	<b>131761</b>	<b>138986</b>	<b>140610</b>	<b>157919</b>	<b>169595</b>	<b>157169</b>
exports	21916	42704	62197	56171	65436	70698	68391	63860	76261	88136
imports	4270	6840	7605	10955	11675	13331	15231	18784	21139	12809
transit	24461	37351	45715	55147	50004	50556	53198	69167	66286	52132
internal	2563	5048	5084	4689	4646	4401	3790	6108	5909	4092
<b>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>	<b>100</b>
exports	41	46	52	44	50	51	48	40	45	56
imports	8	7	6	9	9	10	11	12	13	8
transit	46	41	38	43	38	36	38	44	39	33
internal	5	6	4	4	3	3	3	4	3	3
<b>River ports</b>										
<b>Freight shipped, thsd.t</b>	<b>17338</b>	<b>7462</b>	<b>8053</b>	<b>9828</b>	<b>12359</b>	<b>13157</b>	<b>16903</b>	<b>18553</b>	<b>14522</b>	<b>4870</b>
exports	1634	1870	2810	1919	2576	2076	2370	2660	2072	1433
imports	340	848	764	817	656	708	879	946	991	196
transit	67	68	90	77	90	57	89	179	191	147
internal	15297	4676	4389	7015	9037	10316	13565	14768	11268	3094
<b>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>	<b>100</b>
exports	9	25	35	20	21	16	14	14	14	29
imports	2	11	9	8	5	5	5	5	7	4
transit	0	1	1	1	1	1	1	1	1	3
internal	89	63	55	71	73	78	80	80	78	64

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

TRANSPORT AND COMMUNICATIONS

**10.12. Freight handled in sea and river ports (goods and fish)<sup>1</sup> in 2009, by type**

(thsd.t)

	Total shipment	Including			
		exports	imports	transit	internal
<b>Total shipment</b>	<b>162039,4</b>	<b>89569,6</b>	<b>13004,9</b>	<b>52279,3</b>	<b>7185,6</b>
<b>Bulked cargo</b>	<b>31606,6</b>	<b>4506,0</b>	<b>1547,0</b>	<b>25319,3</b>	<b>234,3</b>
oil	15716,6	18,4	808,3	14889,9	—
oil products	9848,4	1950,1	314,2	7349,8	234,3
vegetable oil	2575,7	2034,7	369,3	171,7	—
chemical	3108,9	345,3	55,2	2708,4	—
other shipment	357,0	157,5	—	199,5	—
<b>Loose goods</b>	<b>91787,8</b>	<b>57712,6</b>	<b>6734,2</b>	<b>21153,6</b>	<b>6187,4</b>
coal	13296,3	4244,9	577,9	8473,5	—
coke	1621,5	1527,9	86,4	7,2	—
all kind of ores	26720,4	16892,6	5740,2	4010,9	76,7
cement	7764,0	1627,5	65,7	28,8	6042,0
chemical and mineral fertilisers	8140,2	3677,2	31,2	4431,5	0,3
sugar	363,9	—	16,2	347,7	—
bread	30099,1	27873,4	4,4	2153,8	67,5
including grain	28835,2	26634,5	4,4	2153,8	42,5
other	3782,4	1869,1	212,2	1700,2	0,9
<b>Freight and parcel</b>	<b>30274,4</b>	<b>23808,9</b>	<b>1427,7</b>	<b>4273,9</b>	<b>763,9</b>
cars, truck cranes	68,3	7,9	32,9	27,5	—
wood	1061,8	1042,8	18,8	—	0,2
ferrous metals	26107,9	21863,8	9,9	3515,6	718,6
nonferrous metals	57,8	41,0	1,6	15,2	—
paper	3,9	—	—	3,9	—
cotton, flax and other fibrous cargo	11,4	—	11,4	—	—
chemical and mineral fertilisers	443,2	124,6	—	318,6	—
cement	6,6	—	6,6	—	—
manufactured goods in boxes and bales	177,7	7,3	150,1	20,3	—
oil products in packages	168,3	29,7	60,3	78,3	—
foodstuffs	920,3	66,5	761,3	56,2	36,3
including					
flour	3,7	3,7	—	—	—
grain	15,5	11,4	4,1	—	—
meat without packing	55,2	—	55,2	—	—
canned goods, all sorts	7,6	—	—	0,6	7,0
fish	189,8	—	160,5	—	29,3
vegetables and fruit	504,4	1,5	476,7	26,2	—
other	144,1	49,9	64,8	29,4	—
other assorted lading	1247,2	625,3	374,8	238,3	8,8
<b>In containers (gross)</b>	<b>5190,8</b>	<b>1962,3</b>	<b>2802,9</b>	<b>425,6</b>	<b>—</b>
Other	3179,8	1579,8	493,1	1106,9	—

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

TRANSPORT AND COMMUNICATIONS

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

(mln.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>4896,5</b>	<b>1816,4</b>	<b>938,9</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>	<b>1266,6</b>	<b>1068,9</b>
Autonomous Republic of											
Crimea	208,7 <sup>2</sup>	46,0	17,0	17,6	19,5	19,1	20,1	21,5	26,4	26,1	20,3
<b>oblasts</b>											
Vinnitsya	177,0	63,9	28,3	27,8	24,2	27,7	26,9	30,3	33,7	33,9	25,7
Volyn	66,2	17,0	7,6	7,9	9,9	10,8	10,3	11,6	12,0	12,6	9,7
Dnipropetrovsk	836,2	308,9	234,9	254,0	256,2	274,0	303,7	325,1	367,0	347,1	309,0
Donetsk	574,9	211,8	125,3	145,7	137,7	147,1	170,5	182,5	188,5	174,9	131,7
Zhytomyr	154,5	55,1	29,3	30,8	31,0	34,1	35,0	38,2	41,6	45,0	36,1
Zakarpattia	78,3	16,0	10,8	10,5	11,4	10,8	13,7	16,5	20,8	18,0	12,1
Zaporizhzhya	191,8	57,2	40,0	38,4	45,1	43,8	46,3	51,3	50,7	59,1	34,4
Ivano-Frankivsk	86,5	32,1	13,1	9,5	9,9	9,1	10,0	10,2	11,6	11,8	9,6
Kyiv	171,7	114,9	36,3	35,2	35,4	40,4	33,5	32,1	38,5	40,5	40,4
Kirovohrad	167,5	41,9	16,3	15,6	15,3	20,0	25,1	28,1	28,6	31,3	27,3
Luhansk	240,8	65,3	26,1	31,3	49,9	32,0	31,8	28,3	26,9	27,4	24,7
Lviv	229,9	62,7	29,6	21,4	25,1	20,9	20,3	21,8	21,6	23,0	17,9
Mykolayiv	140,2	32,4	13,6	18,5	19,1	23,7	30,8	30,7	27,3	28,3	22,0
Odesa	145,0	37,0	24,9	20,8	16,4	19,7	23,0	24,7	25,6	30,5	26,6
Poltava	236,7	200,1	95,3	87,5	85,2	95,6	108,9	115,5	122,2	130,4	140,5
Rivne	112,2	34,3	15,5	16,7	17,4	18,5	18,4	18,9	19,6	21,3	17,2
Sumy	99,9	35,8	19,4	16,6	14,5	15,2	13,4	13,0	13,7	13,5	13,2
Ternopil	105,7	35,0	13,0	9,9	9,4	10,1	9,5	13,0	13,4	13,6	12,8
Kharkiv	199,4	61,0	27,8	28,7	33,3	36,3	36,5	35,3	42,2	45,5	28,9
Kherson	108,7	43,0	13,2	10,1	8,8	9,9	11,4	11,8	12,6	14,1	13,3
Khmelnyskiy	158,3	82,4	25,3	21,5	24,6	27,6	24,6	23,9	26,7	29,1	21,0
Cherkasy	154,1	57,6	33,9	26,5	23,5	27,9	46,7	30,0	24,7	32,6	25,9
Chernivtsi	58,6	15,8	5,7	6,2	7,4	8,2	8,3	8,9	8,1	8,9	8,6
Chernihiv	91,2	52,9	13,2	13,3	12,8	14,7	15,0	14,2	14,1	15,3	12,0
<b>cities</b>											
Kyiv	102,5	25,0	16,4	13,6	16,2	16,9	17,8	20,1	26,9	21,8	19,2
Sevastopol	...	11,3	7,1	11,7	14,1	13,3	9,3	9,7	10,2	11,0	8,8

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

<sup>2</sup> Including Sevastopol city

TRANSPORT AND COMMUNICATIONS

**10.14. Road freight traffic, by region<sup>1</sup>**

(mln.tkm)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>79668,4</b>	<b>34478,4</b>	<b>19281,6</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>	<b>54877,2</b>	<b>49231,7</b>
Autonomous Republic of Crimea	4325,5 <sup>2</sup>	2506,7	489,2	581,8	583,1	710,8	737,4	810,0	1091,2	1259,8	942,3
<b>oblasts</b>											
Vinnitsya	3108,8	1106,8	582,2	709,7	801,5	971,8	1034,5	1188,3	1567,8	1666,4	1319,7
Volyn	1580,7	390,2	321,3	428,0	693,6	758,6	998,3	1253,2	1295,6	1689,8	1357,7
Dnipropetrovsk	7018,3	3781,4	1389,7	1675,4	1700,5	2071,8	2180,6	2660,0	3219,2	3541,0	3258,4
Donetsk	6863,1	3013,5	1301,9	1747,2	1950,4	2019,8	2202,4	2523,0	2771,1	2853,0	2458,7
Zhytomyr	2586,9	954,7	482,2	501,6	607,1	713,2	724,4	852,5	1001,1	975,4	825,5
Zakarpattia	1459,3	348,5	423,5	548,7	743,8	951,4	1755,5	2041,2	2326,5	2592,0	2416,7
Zaporizhzhya	3563,5	1303,9	2838,9	1456,9	1601,3	1571,6	2912,1	2437,9	2772,7	2242,5	1631,8
Ivano-Frankivsk	1893,7	913,2	327,5	290,5	360,5	409,3	520,8	716,7	898,0	1098,0	1206,6
Kyiv	3766,2	3332,0	1103,2	1300,5	1522,9	1799,5	2402,5	2624,3	2692,7	3669,4	3449,7
Kirovohrad	2408,4	704,4	263,2	314,8	354,1	418,4	561,5	697,5	874,6	1010,4	1112,2
Luhansk	3747,6	1224,1	887,5	1015,7	1253,9	1352,6	1697,5	1740,3	2012,9	2314,6	2189,3
Lviv	3594,7	1207,3	1748,8	1117,1	1553,6	1837,4	1911,3	2478,6	2784,0	2882,0	2786,2
Mykolayiv	2728,3	792,4	272,8	438,1	572,0	659,0	848,3	1140,8	1178,9	1459,0	1460,3
Odesa	3500,2	1060,5	623,5	875,0	858,3	1258,4	1264,0	1476,6	1593,5	2592,3	2636,6
Poltava	3482,2	1751,7	866,2	1105,4	1076,9	1438,0	1611,0	2021,4	2331,8	2692,1	2575,2
Rivne	1935,0	809,6	434,1	540,0	706,6	806,1	939,5	1227,7	1255,8	1448,6	1249,2
Sumy	1998,4	881,5	490,2	438,6	513,3	559,5	603,0	653,7	758,2	817,3	675,6
Ternopil	1995,9	780,0	308,6	356,6	383,3	507,2	551,8	769,5	933,6	1125,6	1031,3
Kharkiv	4007,1	1132,7	611,0	969,2	1230,0	1548,3	1778,6	2201,2	2763,2	3574,5	3147,7
Kherson	3076,5	919,0	282,9	260,3	274,9	384,4	638,6	753,9	973,5	1170,7	997,4
Khmelnyskiy	2606,6	1798,5	587,3	605,0	1007,7	1036,8	1248,7	1610,1	1588,4	2284,9	1888,1
Cherkasy	2811,6	1105,2	661,3	575,9	648,7	797,1	1194,2	1148,4	1286,6	1693,3	1533,9
Chernivtsi	1204,0	381,3	193,6	253,4	353,6	392,7	372,6	449,3	608,3	985,9	851,0
Chernihiv	2120,3	1368,5	288,0	392,4	445,9	592,6	773,1	846,6	942,8	1192,9	1010,2
<b>cities</b>											
Kyiv	2285,6	847,2	1434,9	1977,1	2443,9	3113,8	3657,8	4031,2	4711,9	5656,3	5066,8
Sevastopol	...	63,6	68,1	118,2	145,4	167,0	124,0	212,6	336,0	389,5	153,6

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

<sup>2</sup> See the second footnote to Table 10.13

**10.15. Freight transported by pipeline**

(mln.t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total shipment</b>	<b>296</b>	<b>246</b>	<b>218</b>	<b>201</b>	<b>217</b>	<b>221</b>	<b>213</b>	<b>204</b>	<b>196</b>	<b>187</b>	<b>155</b>
Gas	182	174	150	151	158	164	164	156	142,5	143,2	114
Oil and oil products	114	68	66	48	57	55	47	45	51	41	39
Ammonium	...	4	2	2	2	2	2	3	2,5	2,6	2

TRANSPORT AND COMMUNICATIONS

**10.16. Total passengers transported in 1940–2009, by mode of transport**

(mln.)

	By mode of transport							
	rail	bus <sup>1</sup>	sea	river	air	tram	trolley-bus	subway
1940	243	29	...	7	0,0	1489	30	—
1950	216	59	5,3	4,4	0,3	873	162	—
1955	330	495	10,5	12	0,3	1304	340	—
1960	373	1408	14	15	2	1736	592	5
1965	435	2885	18	19	5,4	1913	1002	60,4
1970	506	5061	20	21,4	10	1785	1536	127
1975	616	7089	29	28	13	1775	2015	236
1980	649	7801	28	25	12,5	1774	2368	430
1985	695	8077	29	24	13	1670	2477	603
1990	669	8331	26	19	15	2007	3232	678
1995	577	3483	8	4	2	822	1359	561
2000	499	2557	4	2	1	1381	2582	754
2001	468	2722	5	2	1	1334	2332	793
2002	465	3069	5	2	2	1196	2141	831
2003	477	3297	7	2	2	1132	1921	873
2004	452	3720	10	2	3	1112	1849	848
2005	445	3837	11	2	4	1111	1903	887
2006	448	3988	11	2	4	1083	1788	918
2007	447	4173	8	2	5	1027	1621	931
2008	445	4369	7	2	6	963	1580	959
2009	426	4014	6	2	5	787	1283	752

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

**10.17. Total passengers transported, by mode of transport**

(mln.)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Transport</b>	<b>14977</b>	<b>6816</b>	<b>7780</b>	<b>7711</b>	<b>7711</b>	<b>7997</b>	<b>8200</b>	<b>8242</b>	<b>8214</b>	<b>8331</b>	<b>7275</b>
Land	14917	6802	7773	7702	7700	7982	8183	8225	8199	8316	7262
rail	669	577	499	465	477	452	445	448	447	445	426
bus <sup>1</sup>	8331	3483	2557	3069	3297	3720	3837	3988	4173	4369	4014
tram	2007	822	1381	1196	1132	1112	1111	1083	1027	963	787
trolley-bus	3232	1359	2582	2141	1921	1849	1903	1788	1621	1580	1283
subway	678	561	754	831	873	848	887	918	931	959	752
Water	45	12	6	7	9	12	13	13	10	9	8
sea	26	8	4	5	7	10	11	11	8	7	6
river	19	4	2	2	2	2	2	2	2	2	2
Air	15	2	1	2	2	3	4	4	5	6	5

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

In 2009, automobile transportation of passengers by small businesses amounted to 2,1 bln. passengers.



TRANSPORT AND COMMUNICATIONS

**10.18. Volume indices for passenger transport**

(percent)

	1990=100								To the previous year							
	1995	2000	2004	2005	2006	2007	2008	2009	1995	2000	2004	2005	2006	2007	2008	2009
<b>Transport</b>	<b>46</b>	<b>52</b>	<b>53</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>56</b>	<b>49</b>	<b>77</b>	<b>98</b>	<b>104</b>	<b>103</b>	<b>101</b>	<b>100</b>	<b>101</b>	<b>87</b>
Land	46	52	54	55	55	55	56	49	77	98	104	103	101	100	101	87
rail	86	75	68	67	67	67	67	64	92	102	95	99	101	100	100	96
bus <sup>1</sup>	42	31	45	46	48	50	52	48	86	102	113	103	104	105	105	92
tram	41	69	55	55	54	51	48	39	62	95	98	100	97	95	94	82
trolley-bus	42	80	57	59	55	50	49	40	63	94	96	103	94	91	97	81
subway	83	111	125	131	135	137	141	111	82	104	97	105	103	101	103	78
Water	25	13	26	30	54	21	20	17	66	111	130	115	95	74	93	87
sea	30	14	37	43	42	29	28	24	75	122	140	117	96	71	96	85
river	19	11	11	12	11	10	8	8	52	95	98	105	90	92	84	97
Air	13	8	22	26	29	33	42	35	114	107	136	118	114	113	125	83

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

**10.19. Passenger traffic in 1940–2009, by mode of transport  
(excluding urban electric transport)**

(bln. passenger.km)

	Total	By mode of transport				
		rail	bus <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
2008	125,3	53,1	61,3	0,1	0,0	10,8
2009	112,6	48,3	55,2	0,1	0,0	9,0

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

TRANSPORT AND COMMUNICATIONS

**10.20. Passenger traffic by mode of transport**

(bln. passenger.km)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Transport</b>	<b>222,5</b>	<b>120,2</b>	<b>113,1</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>	<b>147,0</b>	<b>130,0</b>
Land	204,7	116,3	111,3	114,6	117,3	123,0	129,6	130,9	131,4	136,1	120,9
rail	76,0	63,8	51,8	50,5	52,6	51,7	52,7	53,2	53,1	53,1	48,3
bus <sup>1</sup>	90,3	34,8	28,8	35,8	40,1	47,5	52,5	54,0	56,1	61,3	55,2
tram	13,0	5,3	9,0	7,8	6,7	6,6	6,5	6,3	5,8	5,4	4,4
trolley-bus	21,0	8,8	16,8	14,1	11,2	10,8	11,2	10,4	9,3	9,0	7,3
subway	4,4	3,6	4,9	6,4	6,7	6,4	6,7	7,0	7,1	7,3	5,7
Water	1,7	0,6	0,1	0,1	0,1	0,1	0,1	0,1	0,2	0,1	0,1
sea	1,1	0,5	0,1	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1
river	0,6	0,1	0,0	0,1	0,1	0,0	0,0	0,0	0,1	0,0	0,0
Air	16,1	3,3	1,7	2,5	3,8	5,5	6,1	8,3	9,3	10,8	9,0

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

In 2009, 22 cities had tram lines, 45 had trolley-buses and Kyiv, Kharkiv and Dnipropetrovsk had subways.

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

(mln.)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Intercity transportation</b>	<b>457</b>	<b>215</b>	<b>154</b>	<b>169</b>	<b>178</b>	<b>205</b>	<b>226</b>	<b>227</b>	<b>235</b>	<b>246</b>	<b>221</b>
rail (long distance)	95	68	45	44	49	54	60	62	60	61	57
sea (including commuter)	26	8	4	5	7	10	11	11	8	7	6
air	15	2	1	2	2	3	4	4	5	6	5
bus <sup>1</sup>	311	131	97	111	114	132	144	145	157	167	149
trolley-bus	10	6	7	7	6	6	7	5	5	5	4
<b>Intracity transportation</b>	<b>11301</b>	<b>4923</b>	<b>6452</b>	<b>6428</b>	<b>6414</b>	<b>6651</b>	<b>6860</b>	<b>6889</b>	<b>6859</b>	<b>6969</b>	<b>5984</b>
bus <sup>1</sup>	5394	2187	1742	2267	2494	2848	2966	3105	3285	3472	3166
trolley-bus	3222	1353	2575	2134	1915	1843	1896	1783	1616	1575	1279
tram	2007	822	1381	1196	1132	1112	1111	1083	1027	963	787
subway	678	561	754	831	873	848	887	918	931	959	752
<b>Commuter transportation</b>	<b>3219</b>	<b>1678</b>	<b>1174</b>	<b>1114</b>	<b>1119</b>	<b>1141</b>	<b>1114</b>	<b>1126</b>	<b>1120</b>	<b>1116</b>	<b>1070</b>
rail	574	509	454	421	428	399	385	386	387	384	369
river	19	4	2	2	2	2	2	2	2	2	2
bus <sup>1</sup>	2626	1165	718	691	689	740	727	738	731	730	699

<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	2002	2003	2004	2005	2006	2007	2008	2009
<b>Rail transport</b>									
diesel locomotives	2741	2692	2649	2591	2572	2557	2542	2545	2545
electric locomotives	1796	1788	1787	1792	1797	1809	1819	1855	1860
steam locomotives	140	119	101	84	66	55	52	52	52
freight stock, thsd.	185,7	171,5	163,6	149,8	150,3	146,9	137,1	131,6	124,9
passenger stock, thsd.	9,0	8,3	8,2	8,1	7,9	7,8	7,7	7,6	7,4
<b>Road transport, thsd.<sup>1</sup></b>									
trucks <sup>2</sup>	837,5	937,6	939,5	917,5	888,5	910,2	922,1	976,2	935,3
including private	290,7	272,4	322,2	356,7	349,7	377,0	412,9	474,4	455,5
passenger buses	140,2	159,3	174,1	175,9	167,9	180,0	185,5	188,0	180,4
including private	46,1	63,5	86,9	94,5	90,2	101,0	108,1	114,5	110,5
passenger cars	5250,1	5400,0	5524,5	5445,8	5539,0	5603,6	5939,6	6393,9	6518,7
including private	5109,6	5159,1	4987,4	5125,9	5260,1	5326,4	5630,9	6090,4	6216,7
other model vehicles <sup>3</sup>	225,1	113,7	118,0	133,7	137,3	167,5	177,8	213,3	231,6
motor transport	2251,5	1744,3	1369,0	1145,4	982,6	821,9	714,3	650,9	554,5
including private	2233,9	1730,1	1296,3	1119,3	970,5	812,2	707,7	645,0	549,2
<b>River boats<sup>4</sup></b>	<b>2025</b>	<b>2001</b>	<b>2086</b>	<b>2026</b>	<b>1962</b>	<b>1962</b>	<b>1962</b>	<b>2064</b>	<b>2064</b>
<b>Sea crafts<sup>4</sup></b>	<b>878</b>	<b>1062</b>	<b>1159</b>	<b>1130</b>	<b>1177</b>	<b>1177</b>	<b>1177</b>	<b>1084</b>	<b>1084</b>
<b>Electric transport</b>									
trolley-bus	5313	5037	4833	4683	4554	4541	4494	4307	4064
tram-cars	3459	3247	3103	3000	2905	2859	2821	2736	2621
transit vehicles	925	946	961	985	993	1020	1030	1030	1035
<b>Airplanes and helicopters</b>	<b>954</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>	<b>468<sup>5</sup></b>	<b>381<sup>5</sup></b>

<sup>1</sup> In 2000, information on the number of motor vehicles was collected by the state statistics offices from the legal persons (owners of motor vehicles); information on the availability of motor vehicles belonging to individuals was obtained from regional departments of the State Road Inspectorate. Since 2002, information as of August 1 is provided by the Department of the State Road Inspectorate of the Ministry of Internal Affairs of Ukraine, in 2009, information as of December 16

<sup>2</sup> In 2000, the trucks included high sided trucks, dump trucks, vans, refrigerators, tanks for food products and fuels, slab carriers, pipe trucks, timber trucks, saddle tow-cars, pickups and caravans using motor vehicle chassis and others. Since 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> In 2000, other motor vehicles included: specialized passenger cars (of which ambulance cars), specialized non-passenger cars (ambulance cars, fire vehicles, truck cranes, repair shops) and others. Since 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> Vessels of enterprises functioning in all economic industries. Since 2002, vessels not fit for service. Data on the availability of river and sea transport for 2006/2007 – data for 2005 (survey once in every three years), for 2009 – date for 2008 (survey every three years)

<sup>5</sup> According to data from 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	2002 <sup>1</sup>	2003 <sup>1</sup>	2004 <sup>1</sup>	2005 <sup>1</sup>	2006 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1</sup>
<b>Ukraine</b>	<b>3271,7</b>	<b>4468,7</b>	<b>5109,6</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>	<b>6090,4</b>	<b>6216,7</b>
Autonomous Republic of Crimea	165,8	239,7	247,6	249,3	253,5	251,5	250,7	233,7	232,5	245,6	262,6
<b>oblasts</b>											
Vinnitsya	106,5	151,8	180,0	174,4	182,9	161,1	175,7	174,9	187,0	169,9	185,4
Volyn	53,3	77,0	96,3	98,2	98,8	95,6	91,4	102,0	104,4	114,4	114,9
Dnipropetrovsk	285,5	369,0	390,0	396,3	404,3	368,0	405,7	407,9	453,4	485,5	502,3
Donetsk	334,8	410,5	495,1	482,3	498,3	498,3	469,4	490,6	469,5	562,0	583,6
Zhytomyr	73,0	103,2	127,0	130,1	113,4	133,4	131,2	138,0	148,1	160,3	162,6
Zakarpattia	80,9	120,4	117,8	118,8	119,8	128,1	142,5	146,1	145,6	163,7	188,2
Zaporizhzhya	200,5	250,1	284,2	278,4	305,4	310,8	315,7	309,1	303,2	301,1	295,1
Ivano-Frankivsk	55,9	98,9	124,1	125,7	134,1	133,3	136,4	137,2	146,1	171,9	127,9
Kyiv	115,3	172,1	207,3	235,9	116,2	234,3	253,3	212,6	273,2	290,5	303,9
Kirovohrad	92,7	109,7	138,0	114,7	111,0	96,9	92,7	96,9	113,7	118,6	121,4
Luhansk	208,6	246,8	247,1	264,9	216,0	272,4	276,8	283,6	291,0	310,4	322,0
Lviv	139,0	184,5	199,9	245,7	211,5	225,5	231,9	244,5	248,3	264,0	266,4
Mykolayiv	82,0	111,9	106,3	101,9	103,5	107,3	107,5	108,8	115,2	128,4	138,3
Odesa	180,5	214,1	252,3	264,1	236,2	234,9	207,7	191,8	239,3	261,0	266,0
Poltava	132,2	170,4	204,3	151,1	161,7	178,3	199,2	216,1	233,6	246,0	194,6
Rivne	43,4	68,4	89,8	88,6	110,3	102,7	105,2	95,1	101,4	108,1	102,5
Sumy	82,7	115,3	120,4	120,0	108,8	113,6	115,3	108,8	111,0	121,6	135,5
Ternopil	50,4	77,4	100,0	98,4	99,8	89,6	89,0	92,1	99,4	115,8	122,7
Kharkiv	214,4	291,8	316,1	341,8	348,3	345,2	348,1	349,2	343,6	367,3	376,4
Kherson	78,5	117,8	127,9	131,6	130,0	129,2	132,7	131,4	137,2	147,5	151,1
Khmelnyskiy	74,7	106,9	134,9	130,9	105,0	102,1	106,0	120,5	127,9	140,8	140,5
Cherkasy	104,5	164,8	166,8	165,6	165,6	164,9	158,2	166,7	169,9	175,7	177,3
Chernivtsi	49,2	85,5	100,6	90,2	89,1	87,7	88,3	88,8	89,6	92,2	97,4
Chernihiv	76,1	96,0	100,4	96,1	79,6	87,0	91,1	92,2	95,5	105,5	108,0
<b>cities</b>											
Kyiv	156,3	268,7	386,8	414,1	423,4	444,1	484,2	532,7	595,8	663,7	703,7
Sevastopol	35,0	46,0	48,6	50,0	61,1	30,1	54,2	55,1	55,5	58,9	66,4

<sup>1</sup> As of August 1 based on data from the Department of State Road Police of the Ministry of Home Affairs of Ukraine, in 2009 – as of December 16

TRANSPORT AND COMMUNICATIONS

**ROADS**

**10.24. Length of transport network in 1940–2009**

(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
2008	21,7	9,7	2,2	1,1	169,5	165,8
2009	21,7	9,7	2,2	1,1	169,5	165,8

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

TRANSPORT AND COMMUNICATIONS

**10.25. Operational length of transport network**

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

At the beginning of 2010, the length of public pipelines equalled 46,3 thsd.km.

**10.26. Density of transport network**

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

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

In 2009, of public pipelines accounted for 77 km per thsd.sq.km of territory.

TRANSPORT AND COMMUNICATIONS

**10.27. Introduction of modern mode of transport network**

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

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

## TRANSPORT AND COMMUNICATIONS

### 10.28. Freight transport intensity, by mode

*(mln.tkm per km of route)*

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

### 10.29. Passengers traffic intensity, by mode of transport network

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

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

In 2009, 397,1 thsd. of flights were conducted in Ukraine's air territory, including 316,2 thsd. of flights by foreign aeroplanes and helicopters, of which 55,8 thsd. of flights took off or landed on the territory of Ukraine.

### 10.30. Average distance of freight transport, by mode

*(km)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Rail <sup>1</sup>	486	543	484	479	492	506	506	497	503	511	516	501
Sea	4989	5921	1362	1222	1007	1119	1058	1120	1393	1413	1378	1120
River	181	442	706	534	550	473	473	491	441	375	398	534
Road	16	19	21	19	22	25	28	31	35	37	43	46
Pipeline	703	753	859	851	915	889	915	932	955	929	962	918

<sup>1</sup> The 1990 and 1995 data show average distance for dispatching goods cargo; the 2000–2009 data show average distance for transporting goods



TRANSPORT AND COMMUNICATIONS

**10.31. Average distance of passenger transport, by mode**

(km)

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

**10.32. Traffic accidents on roads and streets**

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

<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 retains unsafe of violation of the traffic rules by drivers, pedestrians and others. In 2009 the number of traffic accidents caused by excessive alcohol totalled 5,7 thsd., as a result 320 people were killed (6,0% of all people killed) and 2,9 thsd. injured (6,4% of all people injured).

TRANSPORT AND COMMUNICATIONS

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

(persons)

	1995		2000		2005		2007		2008		2009	
	killed	injured	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>9574</b>	<b>78528</b>	<b>7718</b>	<b>63254</b>	<b>5348</b>	<b>45675</b>
pedestrians	3117	17167	2324	14208	3063	17184	3594	19948	3054	16405	1882	11308
bicyclists	634	3195	499	2819	544	3205	666	4180	492	3966	374	2474
drivers and passengers												
motorbikes	40	430	27	243	41	564	154	2102	565	6848	308	4301
motorcycles	970	5852	455	2982	285	2054	502	3200	461	2859	326	2213
motor cars	2348	18014	1619	14614	2280	24731	2844	30335	2876	29804	2291	21867
intercity and intra-city buses, trams and trolley-buses	64	729	31	545	294	3204	99	1640	63	1918	23	1920
trucks	180	1051	165	965	546	4309	423	2942	122	1026	75	744
other power-driven carriers	152	348	61	208	139	542	1259	13833	54	254	56	706
horse-driven carriers and riders	25	157	4	52	37	206	33	348	31	174	13	142

**COMMUNICATIONS**

**10.34. Revenues of post and communications services**

(at current prices including VAT)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
	mln. KRB	bln. KRB	mln. UAH								
<b>Total</b>	<b>1935</b>	<b>135399</b>	<b>6861</b>	<b>10720</b>	<b>14663</b>	<b>21124</b>	<b>27411</b>	<b>33503</b>	<b>39966</b>	<b>46106</b>	<b>46319</b>
by type of communication											
post	613	22462	519	696	733	949	1340	1307	1574	2104	2638
telegraph	144	3001	40	35	39	73	60	57	57	52	54
telephone urban and rural	317	41886	1746	2265	2687	2780	2778	3179	3862	3953	4164
intercity (including international)	649	56632	2824	4185	4637	6033	6624	6184	5879	5511	4656
courier activity	...	...	...	...	...	...	...	178	237	310	284
wire radio broadcasting	93	4585	66	56	52	50	48	81	110	146	193
special and communication service	42	988	23	60	109	152	194	64	94	120	112
TV and radio broadcasting	71	5097	160	254	354	531	673	854	1102	1432	1800
of which cable TV	...	...	...	...	...	...	...	542	741	1002	1284
supervision and technical control over radio frequency use	6	748	32	54	80	103	158	219	288	330	395
computer	...	...	151	360	643	935	1009	1256	1632	2416	3362
of which provision of Internet access	...	...	...	...	...	...	...	1058	1376	2072	2865
mobile <sup>1</sup>	...	...	1275	2736	5295	9483	14476	20056	25061	29630	28511
including											
cellular	...	...	1231	2705	5267	9456	14453	20035	25028	29606	28487
pager	...	...	34	20	17	12	8	6	5	2	0
trunk	...	...	10	11	11	15	15	15	21	22	20
other type of communication <sup>2</sup>	...	...	25	19	34	35	51	68	70	102	150

<sup>1</sup> Since 2009 income from other types of mobile communication was included: satellite, radio distribution system, digital communication

<sup>2</sup> Before 2008 the data covered income from satellite communication. Since 2009 income from IP Telephony have been included

TRANSPORT AND COMMUNICATIONS

**10.35. Revenues of post and communications services to households**

(at current prices including VAT)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
	mln. KRB	bln. KRB	mln. UAH								
<b>Total</b>	<b>778</b>	<b>39031</b>	<b>3115</b>	<b>4508</b>	<b>6077</b>	<b>8351</b>	<b>10980</b>	<b>13316</b>	<b>16126</b>	<b>18732</b>	<b>18104</b>
by type of communication											
post	...	3694	150	218	231	261	325	302	296	366	548
telegraph	...	1086	22	20	19	18	16	17	17	14	16
telephone urban and rural	...	11157	1072	1327	1560	1551	1661	1947	2332	2445	2716
intercity (including international)	...	20729	1209	1469	1785	2455	2909	2730	2461	2242	2125
courier activity	...	...	...	...	...	...	...	3	5	6	9
wire radio broadcasting	...	2365	43	37	35	33	32	64	90	119	160
special and communication service	...	—	0	0	2	2	3	0	—	—	—
TV and radio broadcasting	...	—	68	128	190	299	406	533	726	974	1238
of which cable TV	...	...	...	...	...	...	...	529	721	971	1227
supervision and technical control over radio frequency use	...	—	1	2	2	2	1	1	1	1	0
computer	...	...	17	31	49	84	144	251	472	953	1629
of which provision of Internet access	...	...	...	...	...	...	...	248	468	942	1583
mobile <sup>1</sup>	...	...	533	1276	2204	3646	5483	7468	9726	11612	9662
including											
cellular	...	...	524	1272	2202	3645	5482	7467	9725	11610	9661
pager	...	...	8	3	1	0	0	0	0	0	0
trunk	...	...	1	1	1	1	1	1	1	2	1
other type of communication <sup>2</sup>	...	...	—	—	0	0	0	0	0	0	1

<sup>1</sup> See the first footnote to Table 10.34

<sup>2</sup> See the second footnote to Table 10.34

**10.36. Post and communications services**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Dispatched, mln.											
newspapers and magazines	11657	1595	1250	1316	1278	1393	1454	1410	1258	1273	1204
letters	1473	609	299	326	317	346	381	390	380	391	301
telegrams	73	25	12	10	9	8	6	6	4	3	2
parcels	43	3	5	6	7	7	10	13	16	18	15
money transfers and pension payments	178	280	224	174	168	186	178	152	151	160	142
Long-distance telephone calls (including international), mln.	657	798	1375	1833	2276	3793	4503	3970	5139	8536	6380
Per capita of available population											
dispatched, units											
letters	28	12	6	7	7	7	8	8	8	8	7
telegrams	1,4	0,5	0,2	0,2	0,2	0,2	0,1	0,1	0,1	0,1	0,04
parcels	0,8	0,1	0,1	0,1	0,1	0,2	0,2	0,3	0,4	0,4	0,3
long-distance telephone calls (including international)	13	16	28	38	48	80	96	85	111	185	139

TRANSPORT AND COMMUNICATIONS

**10.37. Telephone communications**

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

**10.38. Availability of telephones to households**

(units)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
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>	61 <sup>1</sup>	61 <sup>1</sup>
Long-distance public telephones (per 100 thsd. population) <sup>2</sup>	35	26	43	70	96	102	110	123	120	102	90	68
Payphones (per 10 thsd. population)	17	11	11	8	6	5	4	2	0,03	0,01	0,002	0,002

<sup>1</sup> Including departmental

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

TRANSPORT AND COMMUNICATIONS

**10.39. Telephones in urban and rural areas, by region**

(thsd.)

	In urban areas							In rural areas						
	1990	1995	2000	2005	2007	2008	2009	1990	1995	2000	2005	2007	2008	2009
<b>Ukraine</b>	<b>5176</b>	<b>6193</b>	<b>7397</b>	<b>9447</b>	<b>10487</b>	<b>10835</b>	<b>10271</b>	<b>997</b>	<b>1113</b>	<b>1196</b>	<b>1545</b>	<b>1635</b>	<b>1655</b>	<b>1641</b>
Autonomous Republic of Crimea	278 <sup>1</sup>	246	291	364	393	402	426	44 <sup>1</sup>	49	53	69	71	71	70
<b>oblasts</b>														
Vinnitsya	122	148	171	208	241	254	253	61	67	68	89	88	90	90
Volyn	82	96	114	145	157	161	159	31	34	35	42	41	42	41
Dnipropetrovsk	424	499	627	848	939	959	957	42	44	48	75	73	72	71
Donetsk	507	575	690	906	993	994	939	36	37	39	44	45	44	39
Zhytomyr	133	155	176	210	230	236	236	45	52	55	66	65	66	67
Zakarpattia	75	84	93	114	111	114	112	30	34	41	60	81	83	84
Zaporizhzhya	253	310	355	480	522	534	517	40	47	54	65	69	69	69
Ivano-Frankivsk	97	109	125	163	175	177	174	39	45	50	70	75	76	75
Kyiv	141	182	228	272	287	296	310	56	67	77	98	105	107	103
Kirovohrad	106	129	147	167	179	176	173	31	31	31	38	38	37	37
Luhansk	295	336	372	419	462	463	437	23	23	24	28	30	30	30
Lviv	208	268	319	370	430	441	445	49	50	56	78	82	85	86
Mykolayiv	150	192	221	250	268	285	276	33	35	32	40	41	40	38
Odesa	255	317	419	593	751	923	1015	48	53	56	72	79	81	83
Poltava	150	182	222	299	329	343	339	46	53	58	73	71	71	70
Rivne	88	106	124	155	166	171	170	33	35	37	51	54	54	53
Sumy	120	145	169	207	213	219	215	33	35	32	44	50	50	52
Ternopil	79	101	121	153	145	149	144	42	49	54	71	84	87	87
Kharkiv	359	419	505	662	762	770	706	42	50	55	63	64	65	65
Kherson	128	153	165	216	230	230	204	30	34	36	42	44	45	43
Khmelnyskiy	123	152	177	206	219	223	220	46	50	54	66	73	74	72
Cherkasy	136	160	190	223	240	242	240	42	50	53	72	74	75	75
Chernivtsi	67	75	95	119	125	129	129	30	35	46	64	72	74	75
Chernihiv	142	169	177	218	239	243	240	45	50	50	61	62	63	62
<b>cities</b>														
Kyiv	658	789	987	1367	1526	1542	1562	—	—	—	—	—	—	—
Sevastopol	...	96	117	113	155	159	123	...	4	2	4	4	4	4

<sup>1</sup> See the second footnote to Table 10.13

At the beginning of 2010 there were 55,3 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	2007	2008	2009	1990	1995	2000	2005	2007	2008	2009
<b>Ukraine</b>	<b>4161</b>	<b>5146</b>	<b>6331</b>	<b>7758</b>	<b>8598</b>	<b>8778</b>	<b>8679</b>	<b>573</b>	<b>798</b>	<b>1020</b>	<b>1395</b>	<b>1492</b>	<b>1512</b>	<b>1503</b>
Autonomous Republic of Crimea	216 <sup>1</sup>	196	245	306	325	330	350	24 <sup>1</sup>	35	46	62	64	65	63
<b>oblasts</b>														
Vinnitsya	94	119	144	178	204	212	212	36	47	56	80	81	82	82
Volyn	61	76	97	123	132	135	133	17	24	29	37	37	37	37
Dnipropetrovsk	347	416	539	702	769	775	764	24	30	42	68	66	65	64
Donetsk	420	486	591	728	787	788	743	20	25	33	38	40	38	35
Zhytomyr	107	130	154	181	197	201	201	27	39	47	59	59	61	61
Zakarpattia	54	64	76	92	87	89	87	19	27	36	56	76	78	79
Zaporizhzhya	207	263	311	411	441	449	437	24	33	45	58	62	62	62
Ivano-Frankivsk	74	88	106	138	148	149	147	25	37	45	65	70	72	71
Kyiv	113	154	201	237	250	257	270	34	49	67	89	96	97	94
Kirovohrad	83	106	126	144	152	150	148	17	21	26	33	34	34	33
Luhansk	244	287	330	373	400	401	378	12	14	20	25	27	27	27
Lviv	164	223	276	317	358	366	369	27	36	48	70	75	78	79
Mykolayiv	123	163	193	217	230	237	229	18	25	27	35	36	36	35
Odesa	204	264	352	488	615	763	852	29	40	48	65	72	74	76
Poltava	118	150	191	249	274	283	279	25	35	47	64	63	64	63
Rivne	66	86	106	130	140	144	144	17	25	32	46	49	49	48
Sumy	92	118	144	178	184	186	184	16	21	25	38	44	45	47
Ternopil	61	83	104	118	122	124	120	25	38	48	66	79	81	82
Kharkiv	302	359	444	566	638	649	592	24	34	48	57	59	59	59
Kherson	101	125	138	178	191	194	172	15	23	28	38	40	40	39
Khmelnyskiy	98	129	154	178	187	189	187	27	36	46	61	67	68	67
Cherkasy	106	132	163	191	204	204	203	25	35	44	66	68	69	68
Chernivtsi	53	60	80	98	103	105	105	20	29	42	61	68	71	72
Chernihiv	109	139	152	188	204	207	206	26	37	43	55	57	57	57
<b>cities</b>														
Kyiv	544	648	811	951	1123	1056	1062	—	—	—	—	—	—	—
Sevastopol	...	82	103	98	133	135	105	...	3	2	3	3	3	3

<sup>1</sup> See the second footnote to Table 10.13

TRANSPORT AND COMMUNICATIONS

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

(units)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine<sup>1</sup></b>	<b>18281</b>	<b>13291</b>	<b>21404</b>	<b>45869</b>	<b>48697</b>	<b>51951</b>	<b>57818</b>	<b>55950</b>	<b>47282</b>	<b>41616</b>	<b>31118</b>
Autonomous Republic of Crimea	1923 <sup>2</sup>	1600	2754	4200	4251	4577	4575	3712	3051	2505	1743
<b>oblasts</b>											
Vinnitsya	580	469	594	1353	1394	1599	1890	1706	1363	1093	882
Volyn	285	130	434	914	908	918	927	812	707	531	475
Dnipropetrovsk	1332	1365	1442	3090	3177	3372	4899	4501	3878	3512	2899
Donetsk	1338	1105	1496	3070	3415	4044	5619	5574	4597	4050	2494
Zhytomyr	557	390	544	907	971	1073	1203	1187	1154	1078	574
Zakarpattia	297	73	296	762	749	790	777	691	614	526	412
Zaporizhzhya	1113	910	1138	2890	3093	3470	3663	4036	2834	1846	1000
Ivano-Frankivsk	355	184	355	932	969	977	993	937	856	825	710
Kyiv	703	442	746	1077	1135	1193	1313	1300	1170	1044	875
Kirovohrad	357	163	311	738	780	840	1034	942	812	768	612
Luhansk	830	637	863	1914	1989	2321	2294	2008	1832	1565	1331
Lviv	931	453	1141	2191	2461	2972	3151	2664	2338	2238	2070
Mykolayiv	410	269	378	802	808	1043	1736	1513	1429	1301	1099
Odesa	1046	1027	2236	3196	4180	3638	3514	3565	2996	2695	1918
Poltava	614	470	440	871	939	946	1121	1251	980	824	753
Rivne	276	117	307	613	610	608	776	784	702	687	551
Sumy	483	378	453	851	903	912	1029	1008	811	743	407
Ternopil	370	245	378	1089	1074	1071	1066	915	761	634	540
Kharkiv	914	816	928	2854	2895	2908	3136	4532	3869	3569	2518
Kherson	459	388	521	1389	1547	1815	2002	1759	1623	1418	1028
Khmelnyskiy	421	192	434	1464	1455	1447	1441	1443	1169	1051	855
Cherkasy	411	257	464	771	804	928	1056	970	877	797	720
Chernivtsi	270	25	370	940	819	956	980	940	803	725	413
Chernihiv	493	253	399	1048	965	1061	1038	965	844	716	562
<b>cities</b>											
Kyiv	1513	821	1584	5155	5400	5311	5279	5037	4084	3784	2842
Sevastopol	...	112	398	788	1006	1161	1306	1198	1128	1091	835

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

<sup>2</sup> See the second footnote to Table 10.13

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	2005	2006	2007	2008	2009	1995	2000	2005 <sup>1</sup>	2006 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1</sup>
<b>Ukraine</b>	<b>3410</b>	<b>2507</b>	<b>1902</b>	<b>1619</b>	<b>1271</b>	<b>1053</b>	<b>781</b>	<b>33</b>	<b>41</b>	<b>54</b>	<b>57</b>	<b>60</b>	<b>61</b>	<b>61</b>
Autonomous Republic of Crimea	161	123	119	109	96	92	82	30	38	50	52	53	54	57
<b>oblasts</b>														
Vinnitsya	94	83	65	60	49	35	30	26	31	39	42	43	45	45
Volyn	46	34	29	26	22	18	13	33	40	47	48	50	51	51
Dnipropetrovsk	363	257	78	74	72	70	60	31	40	60	64	65	65	63
Donetsk	397	345	297	276	162	138	42	26	32	47	49	50	50	48
Zhytomyr	89	60	74	66	58	44	44	34	39	47	50	51	53	53
Zakarpattia	52	34	34	28	25	22	23	22	28	41	44	45	47	47
Zaporizhzhya	163	114	65	48	36	26	15	38	49	68	70	73	74	73
Ivano-Frankivsk	64	51	66	55	50	47	43	29	33	44	47	48	49	48
Kyiv	159	111	111	89	83	74	60	32	39	50	52	54	56	58
Kirovohrad	71	47	44	29	21	19	17	32	32	41	43	43	43	42
Luhansk	219	134	100	90	60	41	22	29	34	46	47	49	49	47
Lviv	168	130	111	101	87	76	67	27	38	54	57	59	60	61
Mykolayiv	83	57	31	25	19	12	10	41	46	55	57	59	60	58
Odesa	171	161	63	43	41	30	27	33	45	69	72	83	100	111
Poltava	131	103	61	52	35	34	26	27	37	50	53	55	56	56
Rivne	41	27	39	31	26	21	13	25	37	46	49	50	51	51
Sumy	81	64	58	53	42	30	25	28	34	46	48	51	52	51
Ternopil	36	29	36	30	23	17	9	34	44	50	54	55	57	56
Kharkiv	277	221	153	120	92	74	59	35	44	60	63	67	69	63
Kherson	79	56	33	21	20	14	11	31	37	51	54	56	57	52
Khmelnyskiy	60	48	63	52	33	21	18	35	40	47	49	51	52	52
Cherkasy	97	77	71	61	46	34	19	30	36	48	50	51	51	51
Chernivtsi	34	24	42	33	35	32	26	28	40	51	54	56	57	58
Chernihiv	75	54	34	28	24	19	16	39	39	50	53	55	57	57
<b>cities</b>														
Kyiv	157	44	12	8	5	4	2	59	84	92	95	109	102	102
Sevastopol	42	19	13	11	9	9	2	59	70	94	97	101	103	81

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

## 11. FOREIGN ECONOMIC ACTIVITY

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

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

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

The goods are valued in national currency. Conversions into US dollars are made according to the date the customs declaration was completed and the official exchange rate of the National Bank of Ukraine fixed for that particular date. For enterprise reports, conversions into the US dollars are made according to the monthly and quarterly average exchange rates.

Statistics on foreign trade in services are

compiled on the basis of reports of Ukrainian enterprises and organisations submitted via state statistical reporting forms.

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

**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 obtain a profit or achieve a social effect.

### 11.1. Foreign trade in goods, by country

(mln. USD)

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
<b>Total</b>	<b>14572,5</b>	<b>34228,4</b>	<b>66967,3</b>	<b>39695,7</b>	<b>13956,0</b>	<b>36136,3</b>	<b>85535,3</b>	<b>45433,1</b>
<b>CIS countries<sup>1</sup></b>	<b>4459,7</b>	<b>10531,1</b>	<b>23166,3</b>	<b>13472,9</b>	<b>8029,6</b>	<b>16988,3</b>	<b>33377,8</b>	<b>19692,6</b>
Azerbaijan	40,8	290,5	910,5	546,0	23,8	27,8	75,7	282,8
Belarus	272,1	891,1	2105,6	1258,9	601,9	939,8	2809,6	1692,8
Armenia	12,1	97,3	263,6	165,6	3,4	13,2	25,5	28,2
Kazakhstan	76,8	667,1	1832,6	1418,4	412,8	186,4	3118,9	2033,9
Kyrgyzstan	6,2	31,6	83,7	83,8	2,4	5,7	9,1	4,0
Moldova, Republic of	176,3	678,6	1172,0	693,5	35,3	84,2	169,6	52,1
Russian Federation	3515,6	7490,1	15748,5	8494,9	5824,9	12842,5	19414,2	13235,8
Tajikistan	97,4	46,9	77,7	80,4	0,9	5,3	5,4	4,0
Turkmenistan	148,4	187,2	376,9	325,2	946,2	2678,1	5631,7	718,3
Uzbekistan	114,0	150,6	595,3	406,2	178,0	205,3	2118,3	1640,8

## FOREIGN ECONOMIC ACTIVITY

Table 11.1 continued

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
<b>Rest of the world</b>	<b>10112,8</b>	<b>23697,3</b>	<b>43801,0</b>	<b>26222,8</b>	<b>5926,4</b>	<b>19148,0</b>	<b>52157,5</b>	<b>25740,5</b>
<b>Europe</b>	<b>4680,2</b>	<b>10881,4</b>	<b>19732,8</b>	<b>10264,5</b>	<b>4311,5</b>	<b>12666,4</b>	<b>30477,0</b>	<b>16233,8</b>
including								
Austria	163,6	317,3	593,5	328,7	185,1	458,4	1031,2	612,2
Albania	4,4	54,2	80,4	76,3	0,1	1,1	0,4	0,3
Belgium	106,5	197,6	364,7	279,6	134,7	314,0	725,4	464,0
Bulgaria	382,5	543,0	1106,0	395,5	60,4	108,7	239,4	151,8
Bosnia and Herzegovina	2,5	15,0	101,2	9,6	0,9	3,2	10,8	8,9
Gibraltar	1,4	0,2	22,2	5,8	4,8	—	0,1	—
Greece	48,1	137,4	339,4	100,3	38,5	67,7	171,8	82,8
Denmark	24,7	106,7	195,2	122,4	68,2	176,0	339,3	219,4
Estonia	55,1	125,1	173,9	77,5	46,0	102,6	177,6	135,3
Ireland	27,2	6,7	28,8	4,2	25,7	45,2	126,3	102,1
Iceland	0,7	1,2	0,0	0,0	3,8	13,1	43,0	38,7
Spain	162,9	573,5	870,0	570,4	100,2	233,5	660,2	372,2
Italy	638,9	1892,6	2911,7	1227,6	346,0	1030,2	2432,1	1139,8
Latvia	166,5	311,4	280,5	178,0	43,5	64,5	113,1	110,1
Lithuania	83,3	209,3	432,3	193,5	135,4	200,0	723,9	410,3
Luxembourg	1,4	26,8	7,9	2,5	8,9	21,6	23,0	18,6
Macedonia, the former Yugoslav Republic of	42,4	35,9	184,1	42,3	1,7	2,6	7,3	31,3
Malta	4,1	15,1	53,1	31,4	0,1	0,3	2,4	7,7
Netherlands	138,0	515,3	1117,9	594,9	146,6	464,1	1283,7	677,5
Germany	741,4	1285,2	1837,1	1248,1	1134,4	3383,8	7165,3	3852,1
Norway	18,1	46,9	139,5	153,8	44,0	128,3	280,5	259,8
Poland	417,9	1010,4	2338,3	1208,0	312,5	1405,9	4280,3	2170,3
Portugal	20,1	19,9	63,1	63,6	7,7	27,9	61,7	41,9
Romania	164,6	488,8	670,8	319,5	48,2	211,8	1171,1	488,1
San-Marino	5,3	4,9	1,1	2,8	0,6	0,4	0,9	0,1
Serbia	—	—	555,6	133,7	—	—	87,9	49,6
Slovakia	230,9	507,7	910,2	433,7	124,4	304,0	742,5	306,0
Slovenia	9,0	32,5	27,5	11,0	29,8	125,0	232,0	185,4
United Kingdom	137,7	358,2	640,6	346,3	202,8	502,7	1375,8	651,1
Hungary	327,3	688,8	1367,1	730,2	165,4	647,7	1282,7	678,3
Finland	24,0	28,7	59,1	37,5	95,9	351,1	686,3	421,6
France	111,7	199,9	513,5	442,3	236,1	798,9	1682,5	971,5
Croatia	15,3	59,9	136,2	15,0	8,4	19,4	60,2	45,8
Czech Republic	188,9	376,9	670,8	340,7	162,9	594,0	1376,0	622,2
Switzerland	148,8	395,8	831,3	453,0	216,4	252,5	1171,6	438,0
Sweden	8,3	41,6	105,1	81,1	150,4	547,4	696,2	451,3

## FOREIGN ECONOMIC ACTIVITY

Table 11.1 continued

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
<b>Asia</b>	<b>3475,7</b>	<b>8576,9</b>	<b>15887,0</b>	<b>12131,7</b>	<b>842,3</b>	<b>4685,5</b>	<b>15497,7</b>	<b>6538,6</b>
including								
Afghanistan	4,2	7,2	40,1	29,5	0,2	0,1	0,7	0,2
Bangladesh	4,0	18,4	54,5	332,2	0,3	2,1	11,0	13,2
Bahrain	0,9	5,9	2,4	0,1	—	—	0,4	1,3
Vietnam	67,1	145,3	168,0	244,3	21,1	41,3	171,3	113,9
Hong Kong	2,8	5,0	54,0	84,7	4,4	10,3	37,9	16,6
Georgia	37,8	199,5	656,0	398,2	10,3	41,0	191,6	97,8
Yemen	4,9	28,3	9,3	16,5	—	0,1	0,0	0,0
Israel	105,9	290,7	463,0	393,6	63,2	63,0	172,3	79,9
India	168,3	736,9	1005,6	1152,5	76,0	321,3	649,9	476,8
Indonesia	76,7	216,4	460,3	304,0	28,4	124,0	426,0	260,2
Iraq	68,1	77,6	143,0	236,5	—	0,2	127,5	0,0
Iran, Islamic Republic of	90,6	576,9	859,2	755,8	4,9	18,2	71,7	33,2
Jordan	44,9	182,1	998,4	474,4	2,9	10,8	16,8	15,0
Qatar	—	12,9	20,0	11,7	0,1	0,0	3,5	3,6
China	628,9	711,1	547,5	1434,4	131,9	1810,5	5601,5	2734,3
Cyprus	176,5	217,0	451,4	130,8	29,4	4,8	66,6	49,1
Korea, Democartic People's Republic	7,3	0,2	2,2	3,7	6,2	2,1	8,3	0,8
Korea, Republic of	146,3	202,2	625,7	562,7	109,9	648,5	2046,2	567,6
Kuwait	0,4	16,4	39,6	22,2	0,0	0,6	1,1	1,1
Lebanon	61,1	102,4	339,9	694,1	1,1	2,0	6,6	3,5
Malaysia	16,3	26,1	13,2	47,2	23,2	161,6	352,2	181,5
Mongolia	1,3	19,5	36,5	28,6	4,2	11,7	11,5	6,5
Myanmar	13,8	17,0	2,5	14,8	0,0	0,2	0,3	0,2
United Arab Emirates	68,4	345,2	898,8	318,6	2,8	10,4	78,4	35,6
Oman	5,5	47,9	177,6	14,9	0,8	0,5	0,9	1,9
Pakistan	30,2	273,9	177,9	242,8	3,0	10,1	29,6	24,6
Saudi Arabia	35,9	386,5	956,4	498,2	0,4	3,0	12,2	8,3
Syrian Arab Republic	160,4	672,1	1037,3	753,3	1,8	27,7	104,0	15,6
Singapore	71,0	489,6	457,9	129,3	4,7	18,3	41,1	26,9
Thailand	92,2	141,8	270,2	269,2	11,3	58,0	232,7	103,5
Taiwan, Province of China	242,4	134,5	27,5	60,1	19,7	96,7	212,1	129,3
Turkey	868,5	2026,7	4633,3	2126,5	159,9	607,7	1950,1	952,2
Philippines	78,1	132,6	114,1	194,3	5,0	5,6	18,1	22,4
Sri Lanka	24,3	25,9	24,6	24,8	16,1	23,4	42,9	37,7
Japan	68,4	82,0	115,7	111,2	99,1	548,2	2795,8	519,5

## FOREIGN ECONOMIC ACTIVITY

Table 11.1 continued

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
<b>Africa</b>	<b>731,5</b>	<b>2393,9</b>	<b>3902,4</b>	<b>2627,8</b>	<b>136,4</b>	<b>426,2</b>	<b>1559,1</b>	<b>617,6</b>
including								
Algeria	235,8	617,2	345,0	266,8	0,0	4,9	8,2	0,7
Angola	5,8	5,2	17,4	3,1	0,0	0,0	0,1	—
Benin	0,3	6,3	11,8	14,1	0,0	0,0	0,0	0,0
Gabon	—	0,7	5,4	0,6	—	75,3	309,3	28,0
Ghana	10,1	24,4	49,6	36,7	24,3	55,5	553,0	218,9
Guinea	6,3	10,0	20,7	5,9	50,4	115,9	88,9	92,7
Equatorial Guinea	1,1	0,4	11,3	24,1	—	0,0	0,3	—
Ethiopia	36,8	39,7	42,6	43,6	0,1	0,1	0,3	0,4
Egypt	221,0	798,8	1560,0	1012,6	2,4	37,1	90,9	61,7
Cameroon	5,7	16,5	34,5	17,6	0,9	1,0	0,6	0,3
Kenya	2,8	26,6	82,1	132,5	0,1	0,6	2,8	4,4
Congo	2,4	2,3	1,5	7,2	0,0	0,3	0,4	0,2
Côte-d'Ivoire	1,3	12,1	27,4	28,2	23,7	40,9	103,8	99,4
Liberia	2,9	1,4	4,2	0,9	0,0	1,4	11,4	2,7
Libyan Arab Jamahiriya	1,7	63,6	124,9	195,8	0,0	1,1	0,1	0,3
Mauritania	14,3	16,6	21,5	13,7	0,5	5,7	4,8	5,3
Malawi	—	0,2	0,1	—	6,5	9,5	10,9	22,4
Mali	0,7	14,7	18,0	15,0	—	0,0	0,0	0,0
Morocco	60,8	128,4	256,1	126,2	0,3	5,1	6,0	4,2
Mozambique	0,0	8,4	15,8	1,4	0,5	2,6	6,2	6,5
Nigeria	76,7	212,3	393,5	193,7	0,3	1,9	0,7	4,0
Tanzania, United Republic of	0,2	15,9	66,4	7,6	2,3	5,1	5,6	4,6
South Africa	6,2	24,8	33,8	30,2	3,1	51,6	341,3	47,2
Senegal	0,8	46,8	60,3	49,1	0,0	0,0	0,2	0,1
Sudan	4,4	51,3	39,1	69,0	0,4	0,1	0,4	0,2
Togo	1,6	5,9	9,0	5,7	0,1	0,0	0,1	0,1
Tunisia	25,8	183,7	490,0	188,9	6,3	0,6	2,5	2,9
Uganda	0,2	7,7	33,2	15,2	0,1	2,0	0,5	4,1
Chad	0,9	4,5	77,5	44,0	0,0	0,0	0,4	—

## FOREIGN ECONOMIC ACTIVITY

Table 11.1 continued

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
<b>America</b>	<b>1217,5</b>	<b>1831,2</b>	<b>4144,0</b>	<b>1124,2</b>	<b>581,4</b>	<b>1265,5</b>	<b>4190,6</b>	<b>2197,9</b>
including								
Argentina	7,8	15,9	36,8	13,7	6,1	38,5	139,1	56,8
Bahamas	2,7	0,9	3,4	0,0	0,8	0,6	1,1	1,6
Belize	4,1	15,0	5,7	4,5	0,0	0,1	1,2	0,4
Brazil	75,2	110,0	468,8	115,2	93,9	312,5	562,3	375,5
Venezuela	8,4	7,7	28,3	8,2	0,1	0,0	0,2	0,2
Virgin Islands, British	99,9	261,0	862,0	378,5	17,2	0,8	0,7	2,9
Guyana	—	0,1	0,1	0,1	24,2	0,0	48,0	58,6
Guatemala	15,1	16,2	14,3	3,1	6,1	1,3	1,2	5,0
Honduras	5,2	7,7	49,5	3,7	0,0	1,0	0,2	0,2
Dominican Republic	13,9	6,9	116,7	7,0	—	0,4	3,1	1,5
Ecuador	11,0	34,3	36,4	19,2	13,1	66,3	157,4	136,0
Canada	59,2	90,1	144,1	61,6	24,8	87,0	260,2	136,2
Colombia	12,0	31,4	52,4	34,4	1,6	7,8	27,3	14,2
Costa Rica	9,4	9,5	12,9	0,2	0,8	4,7	9,1	8,3
Cuba	10,3	21,6	47,6	13,6	5,4	1,5	3,0	3,4
Mexico	50,5	116,9	140,9	141,8	2,4	8,5	87,4	38,4
Panama	73,5	15,7	23,8	34,9	8,3	4,0	5,6	27,4
Peru	6,2	37,0	25,2	9,1	0,2	3,1	4,1	3,3
El Salvador	4,2	2,3	22,5	2,3	0,0	3,1	0,1	0,1
USA	725,3	956,5	1949,1	250,4	360,4	710,0	2808,2	1286,3
Uruguay	0,3	0,1	1,5	5,1	0,2	2,8	12,8	2,2
Chile	13,1	38,2	94,2	10,3	0,2	9,9	46,9	30,9
<b>Australia and Oceania</b>	<b>7,0</b>	<b>13,7</b>	<b>64,0</b>	<b>21,6</b>	<b>54,7</b>	<b>103,9</b>	<b>431,7</b>	<b>149,4</b>
including								
Australia	5,2	9,6	56,3	17,5	53,8	85,3	411,2	142,0
New Zealand	0,7	3,8	6,4	3,9	0,9	2,4	20,4	7,2
<b>Other</b>	<b>0,9</b>	<b>0,2</b>	<b>70,8</b>	<b>53,0</b>	<b>0,1</b>	<b>0,5</b>	<b>1,4</b>	<b>3,2</b>

<sup>1</sup> On August 18, 2009 Georgia has left structure of CIS countries-participants

## FOREIGN ECONOMIC ACTIVITY

**11.2. Exports/imports of goods in 2009, by region**

	Exports			Imports		
	number of enterprises	value, mln. USD	percentage of total	number of enterprises	value, mln. USD	percentage of total
<b>Ukraine</b>	<b>16089</b>	<b>39695,7</b>	<b>100,0</b>	<b>24054</b>	<b>45433,1<sup>1</sup></b>	<b>100,0</b>
Autonomous Republic of Crimea	207	425,6	1,1	317	187,4	0,4
<b>oblasts</b>						
Vinnitsya	353	479,0	1,2	314	263,0	0,6
Volyn	295	319,0	0,8	376	427,7	0,9
Dnipropetrovsk	1044	5199,3	13,1	1623	3587,1	7,9
Donetsk	853	9332,6	23,5	1067	1936,0	4,3
Zhytomyr	414	363,8	0,9	325	398,5	0,9
Zakarpattia	506	935,0	2,4	522	952,9	2,1
Zaporizhzhya	531	2716,8	6,8	562	1146,6	2,5
Ivano-Frankivsk	349	336,0	0,8	326	256,2	0,6
Kyiv	499	1043,3	2,6	908	2173,4	4,8
Kirovohrad	162	251,3	0,6	138	148,1	0,3
Luhansk	412	1886,4	4,8	383	738,3	1,6
Lviv	744	794,0	2,0	1356	1622,5	3,6
Mykolayiv	250	1532,4	3,9	242	787,5	1,7
Odesa	740	1445,2	3,6	1424	2600,8	5,7
Poltava	324	1264,4	3,2	349	597,2	1,3
Rivne	264	322,3	0,8	286	258,5	0,6
Sumy	278	711,7	1,8	228	388,8	0,9
Ternopil	150	128,3	0,3	245	179,2	0,4
Kharkiv	951	1307,1	3,3	1268	1451,0	3,2
Kherson	257	351,3	0,9	202	124,8	0,3
Khmelnyskiy	234	246,3	0,6	291	275,6	0,6
Cherkasy	272	535,3	1,3	293	339,2	0,7
Chernivtsi	186	119,8	0,3	192	104,4	0,2
Chernihiv	235	297,2	0,7	186	323,9	0,7
<b>cities</b>						
Kyiv	2637	6825,2	17,2	6827	20524,0	45,2
Sevastopol	124	92,5	0,2	109	55,0	0,1

<sup>1</sup> Including crude oil supply non-distributed by region

## FOREIGN ECONOMIC ACTIVITY

**11.3. Commodity structure of foreign trade in 2009**

(mln. USD)

	Exports		Imports	
	total	share of total exports, percent	total	share of total imports, percent
<b>Total</b>	<b>39695,7</b>	<b>100,0</b>	<b>45433,1</b>	<b>100,0</b>
including by UCCFT <sup>1</sup> category				
livestock and products of cattle farming	596,0	1,5	1267,5	2,8
products of plant-growing industry	5034,9	12,7	1259,9	2,8
animal and vegetable oils and fats	1796,0	4,5	374,3	0,8
finished foodstuffs	2088,0	5,3	2034,3	4,5
mineral products	3900,1	9,8	15695,1	34,5
products of chemical industry and other industries related to chemical	2515,1	6,3	5319,3	11,7
polymers, rubber and plastic products	563,3	1,4	2663,8	5,9
leather and fur and articles of leather and fur	178,1	0,4	124,2	0,3
wood and wood products	664,9	1,7	281,2	0,6
timber and other pulp	807,0	2,0	1373,4	3,0
textiles and textile products	713,0	1,8	1416,9	3,1
footwear, head-dress and umbrellas	144,5	0,4	286,5	0,6
articles of stone, plaster, cement, ceramics, glass	285,2	0,7	635,2	1,4
precious or semi-precious stones, precious metals and articles thereof	84,2	0,2	159,7	0,4
non-precious metals and articles thereof	12815,7	32,3	2676,6	5,9
mechanic equipment; machinery and equipment, electric equipment and their parts; video and audio recording and playback devices	5013,5	12,6	6254,6	13,8
transportation means and road equipment	1596,4	4,0	2163,8	4,8
optical equipment and apparatus, photo, cinematographic, measuring, medical and surgical equipment and apparatus, watches and clocks, musical instruments	278,6	0,7	670,8	1,5
miscellaneous manufactured goods	310,6	0,8	500,1	1,1
art products	0,7	0,0	1,0	0,0
goods purchased at ports	35,8	0,1	186,1	0,4
miscellaneous	274,2	0,7	88,8	0,2

<sup>1</sup> The Ukrainian Classification of Commodities in Foreign Trade



## FOREIGN ECONOMIC ACTIVITY

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

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
<b>Total</b>	<b>242008,5</b>	<b>38662,6</b>	<b>70694,6</b>	<b>41214,2</b>	<b>920129,3</b>	<b>1713405,1</b>	<b>2502363,9</b>	<b>1702981,2</b>
<b>CIS countries<sup>1</sup></b>	<b>3406,0</b>	<b>4618,3</b>	<b>3714,3</b>	<b>1503,2</b>	<b>59728,1</b>	<b>569268,3</b>	<b>280348,8</b>	<b>57675,8</b>
including								
Belarus	35,3	—	—	—	3473,6	8763,9	4691,5	2734,1
Armenia	31,5	—	—	—	85,8	124,1	—	197,7
Kazakhstan	—	—	—	—	4465,4	966,6	1111,5	2045,2
Kyrgyzstan	—	—	—	—	145,0	2,7	—	—
Moldova, Republic of	684,1	38,7	—	—	250,5	514,4	369,4	623,8
Russian Federation	233,0	4579,7	3714,3	1503,2	51150,8	558509,5	272806,2	50895,5
Turkmenistan	—	—	—	—	—	10,3	—	227,4
Uzbekistan	2422,1	—	—	—	113,2	376,8	1343,8	952,1
<b>Rest of the world</b>	<b>238602,5</b>	<b>34044,3</b>	<b>66980,3</b>	<b>39711,0</b>	<b>860401,2</b>	<b>1144136,8</b>	<b>2222015,1</b>	<b>1645305,4</b>
<b>Europe</b>	<b>206976,3</b>	<b>34035,9</b>	<b>64718,7</b>	<b>39711,0</b>	<b>622608,9</b>	<b>927759,9</b>	<b>1703163,2</b>	<b>1258656,2</b>
including								
Austria	187,4	2295,7	293,4	—	63074,8	42202,2	136151,6	147786,5
Belgium	2060,8	398,4	—	48,9	42217,0	37283,7	70422,3	70163,3
Bulgaria	779,3	71,9	—	—	110,8	808,4	2455,3	1097,6
Greece	1817,6	—	—	—	17,7	58,2	101,2	160,0
Denmark	—	—	—	—	16217,0	29110,5	27091,7	21094,7
Estonia	2311,0	—	—	—	677,8	119,7	1284,9	1873,0
Ireland	—	—	—	—	757,4	263,6	2679,1	1152,7
Iceland	—	—	—	—	—	25,2	8,0	1,3
Spain	24560,6	—	—	—	3185,9	9154,3	7359,7	9606,9
Italy	19542,2	—	5,0	—	84436,8	150405,9	166806,0	132024,4
Latvia	1645,5	—	—	—	2523,7	10307,5	23120,8	49737,6
Lithuania	73,2	—	—	—	580,8	14143,8	20337,7	8912,8
Liechtenstein	—	—	—	—	2,4	—	12,2	—
Luxembourg	—	—	593,4	352,5	1169,2	4227,0	996,1	929,5
Malta	—	—	—	—	48,0	—	37,1	6263,7
Netherlands	24532,1	—	—	—	10109,2	19901,4	41244,3	33507,8
Germany	90933,0	27871,8	42716,2	19662,2	233635,5	272737,0	379122,7	318232,7
Norway	—	—	—	—	144,6	837,9	3093,3	6277,9
Poland	6231,7	45,0	238,2	134,2	8438,4	56678,6	123621,3	97389,0
Portugal	15435,0	—	—	—	3194,3	6210,4	6855,2	9793,8

## FOREIGN ECONOMIC ACTIVITY

Table 11.4 continued

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
Romania	124,9	—	—	—	3124,5	6098,7	35894,1	22437,8
San-Marino	—	—	—	—	520,6	108,5	85,5	—
Serbia	—	—	—	—	—	—	475,6	—
Slovakia	1317,2	—	1345,2	—	2966,6	18551,5	30132,5	18342,8
Slovenia	—	—	—	—	506,0	413,9	1754,5	2021,5
United Kingdom	657,3	3278,8	5027,3	1812,5	22824,4	32871,1	18359,0	15111,0
Hungary	2201,0	—	1,3	—	37702,8	104794,0	420378,4	112683,8
Finland	—	—	—	—	9953,8	19983,1	49077,5	43257,5
France	7098,4	—	0,8	1,6	33429,8	50859,5	47237,0	38847,3
Croatia	93,6	—	—	—	248,4	—	113,7	411,4
Czech Republic	1945,8	74,2	—	—	9562,7	20594,7	40824,7	32279,3
Switzerland	2950,7	—	14498,1	17699,3	23937,9	5261,6	19326,6	18327,6
Sweden	80,7	—	—	—	1508,4	13704,3	26703,4	38929,7
<b>Asia</b>	<b>20521,9</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>66529,4</b>	<b>110635,5</b>	<b>382689,9</b>	<b>308170,0</b>
including								
Bangladesh	—	—	—	—	17,5	1,6	—	—
Vietnam	—	—	—	—	102,6	446,5	1110,7	399,0
Hong Kong	—	—	—	—	2870,2	2449,6	13884,1	6439,9
Georgia	—	—	—	—	3,7	3870,5	0,0	1,9
Israel	1456,8	—	—	—	30289,2	9473,8	4125,8	1593,4
India	1120,8	—	—	—	391,0	2356,7	3811,3	3455,1
Indonesia	10,6	—	—	—	313,9	17280,6	193615,9	61866,2
Iran, Islamic Republic of	—	—	—	—	666,5	0,9	11,1	—
China	26,9	—	—	—	6898,9	20650,2	52235,2	71249,9
Cyprus	5043,1	—	—	—	207,0	—	1300,1	1713,7
Korea, Democratic People's Republic	19,4	—	—	—	3005,2	572,1	162,6	17,6
Korea, Republic of	126,8	—	—	—	7354,3	4013,5	15117,4	15206,1
Malaysia	230,0	—	—	—	215,3	17327,8	21895,1	8291,1
Pakistan	1434,7	—	—	—	1525,7	965,4	615,5	532,7
Singapore	—	—	—	—	428,2	1692,6	6113,4	6605,1
Thailand	—	—	—	—	901,1	1443,4	3313,8	22299,2
Taiwan, Province of China	—	—	—	—	4077,2	10743,9	13984,5	54933,2
Turkey	11036,1	—	—	—	4022,6	9955,4	26572,9	22505,3
Philippines	—	—	—	—	65,9	168,7	6703,6	9513,1
Sri Lanka	—	—	—	—	10,8	0,0	1,1	2,1
Japan	16,7	—	—	—	3126,2	7157,5	17670,1	21046,2

## FOREIGN ECONOMIC ACTIVITY

Table 11.4 continued

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
<b>Africa</b>	<b>8459,2</b>	—	—	—	<b>55506,6</b>	<b>32476,4</b>	<b>1622,0</b>	<b>1146,3</b>
including								
Algeria	—	—	—	—	—	3273,9	40,1	13,2
Ghana	—	—	—	—	15432,7	5144,6	—	—
Guinea	—	—	—	—	36109,6	4,4	—	—
Ethiopia	—	—	—	—	46,1	0,8	10,7	—
Egypt	—	—	—	—	505,1	160,3	37,6	106,0
Morocco	8459,2	—	—	—	—	0,8	161,8	423,1
South Africa	—	—	—	—	1862,5	40,4	770,3	16,0
Tunisia	—	—	—	—	1539,7	12,7	300,8	454,9
<b>America</b>	<b>2645,1</b>	<b>8,4</b>	<b>630,9</b>	—	<b>78801,4</b>	<b>57246,3</b>	<b>134224,4</b>	<b>77332,5</b>
including								
Anguilla	—	—	—	—	12,1	0,0	0,1	21,9
Argentina	—	—	—	—	110,7	124,0	374,6	175,8
Brazil	—	—	—	—	17732,1	24606,0	18181,0	1563,1
Virgin Islands, British	777,5	—	—	—	3985,5	700,0	—	—
Guyana	—	—	—	—	16217,9	—	—	—
Guatemala	—	—	—	—	0,7	179,3	—	—
Greenland	—	—	—	—	12,2	0,1	—	—
Ecuador	—	—	—	—	998,7	0,0	42,7	3,4
Canada	766,2	0,5	—	—	305,1	689,9	1748,0	3603,8
Panama	—	—	—	—	—	355,8	249,8	1886,2
Peru	—	—	—	—	—	3,7	23,0	51,8
USA	1014,4	7,8	630,9	—	28850,2	26413,1	105555,6	69029,8
Uruguay	—	—	—	—	22,8	1000,3	7857,8	102,2
Jamaica	—	—	—	—	9531,1	—	0,1	—
<b>Australia and Oceania</b>	—	—	<b>1630,7</b>	—	<b>36954,9</b>	<b>16018,7</b>	<b>312,8</b>	<b>0,4</b>
including								
Australia	—	—	1630,7	—	36951,9	13,6	312,7	0,4
New Caledonia	—	—	—	—	—	16002,7	—	—
<b>Other</b>	—	—	—	—	—	—	<b>2,8</b>	—

<sup>1</sup> See the footnote to Table 11.1

## FOREIGN ECONOMIC ACTIVITY

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

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
<b>Total</b>	<b>3486,8</b>	<b>6134,7</b>	<b>11741,3</b>	<b>9598,3</b>	<b>1150,9</b>	<b>2935,0</b>	<b>6468,0</b>	<b>5173,5</b>
<b>CIS countries<sup>1</sup></b>	<b>2136,8</b>	<b>2815,5</b>	<b>4245,5</b>	<b>3826,6</b>	<b>213,2</b>	<b>509,3</b>	<b>1058,0</b>	<b>787,2</b>
Azerbaijan	5,0	10,7	24,5	28,1	1,5	5,5	8,5	12,5
Belarus	32,5	47,3	123,3	85,5	10,8	23,8	54,7	43,8
Armenia	2,2	5,6	9,5	9,3	1,3	2,2	6,6	6,7
Kazakhstan	4,4	21,4	113,1	96,0	4,6	8,9	38,3	30,7
Kyrgyzstan	0,7	1,1	2,7	4,3	0,3	0,5	1,7	1,0
Moldova, Republic of	21,6	33,7	68,9	54,7	9,7	15,3	47,2	22,8
Russian Federation	2049,1	2574,5	3851,6	3468,1	182,5	436,7	894,2	658,8
Tajikistan	0,3	7,7	2,1	1,9	0,1	0,1	0,2	0,1
Turkmenistan	15,5	108,0	37,9	68,3	0,9	13,9	1,9	7,8
Uzbekistan	5,4	5,5	11,9	10,4	1,5	2,4	4,7	3,0
<b>Rest of the world</b>	<b>1350,0</b>	<b>3319,2</b>	<b>7495,8</b>	<b>5771,7</b>	<b>937,7</b>	<b>2425,7</b>	<b>5410,0</b>	<b>4386,3</b>
<b>Europe</b>	<b>778,2</b>	<b>1870,4</b>	<b>4176,4</b>	<b>2936,1</b>	<b>400,9</b>	<b>1220,2</b>	<b>3488,9</b>	<b>2640,2</b>
of which								
Austria	44,9	94,9	261,4	163,8	20,6	127,5	333,8	228,5
Belgium	70,5	145,5	237,8	228,7	14,3	28,6	79,0	67,1
Bulgaria	35,8	32,3	48,4	30,7	5,7	10,4	32,3	19,0
Greece	44,1	69,2	140,5	83,1	9,3	12,5	60,4	27,6
Denmark	24,7	48,6	80,5	66,9	68,2	13,3	31,3	20,2
Estonia	3,3	12,9	189,8	108,2	4,5	8,5	14,5	12,7
Ireland	27,2	8,9	44,2	33,8	25,7	1,1	8,0	7,5
Spain	9,7	20,1	34,2	28,6	6,1	16,4	17,3	12,5
Italy	36,0	74,1	165,9	121,6	6,2	19,5	54,5	48,1
Latvia	16,0	39,8	56,6	41,7	8,0	13,0	22,4	24,0
Lithuania	4,9	12,6	33,8	27,5	3,3	6,7	44,0	17,1
Luxembourg	1,4	0,7	8,8	31,8	8,9	0,3	1,2	1,8
Malta	4,1	35,2	58,3	103,8	0,1	1,4	2,1	1,5
Netherlands	18,5	73,2	161,9	118,8	24,0	65,6	133,1	127,1
Germany	105,0	185,8	547,1	375,5	69,3	171,3	511,5	361,4
Norway	11,0	13,5	26,7	35,5	1,7	6,9	6,9	5,6
Poland	34,1	62,2	152,7	83,5	17,7	77,0	230,6	126,4
Portugal	20,1	10,6	14,3	11,4	7,7	2,4	31,2	10,6
Romania	9,6	8,0	29,8	14,3	4,4	4,0	30,5	21,9
Slovakia	8,1	49,2	71,1	47,6	6,2	17,5	39,2	16,0
United Kingdom	123,2	300,2	695,1	551,9	104,2	271,3	863,6	653,9
Hungary	28,1	128,2	113,8	67,9	14,9	49,8	96,2	44,6
Finland	24,0	14,7	47,6	39,0	95,9	2,9	38,1	20,7
France	25,7	57,4	123,6	88,2	10,3	53,2	279,8	302,4
Czech Republic	7,6	21,2	41,5	31,0	7,0	17,6	69,5	67,1
Switzerland	47,8	296,2	617,9	303,2	32,2	111,1	258,0	188,2
Sweden	8,3	16,5	61,0	52,5	150,4	90,6	146,3	129,3

## FOREIGN ECONOMIC ACTIVITY

Table 11.5 continued

	Exports				Imports			
	2000	2005	2008	2009	2000	2005	2008	2009
<b>Asia</b>	<b>267,1</b>	<b>593,1</b>	<b>1380,5</b>	<b>1162,4</b>	<b>68,0</b>	<b>462,5</b>	<b>1156,7</b>	<b>1038,8</b>
of which								
Hong Kong	1,1	4,3	26,0	23,6	0,0	72,9	6,6	5,4
Georgia	4,7	33,7	65,7	54,8	2,2	11,4	19,2	15,8
Israel	21,2	40,9	86,7	57,2	8,4	18,8	48,7	33,0
India	33,5	17,1	37,2	54,8	1,8	3,2	7,7	5,1
Iran	15,7	9,2	9,9	14,0	1,1	2,3	1,6	1,7
China	12,2	24,0	70,2	74,6	3,7	7,7	21,1	15,4
Cyprus	68,4	242,4	637,3	461,2	12,4	213,6	661,4	669,3
Korea, Republic of	2,1	—	11,0	14,4	3,3	—	6,2	4,9
Lebanon	8,4	7,5	10,3	22,4	0,5	1,0	5,9	4,6
United Arab Emirates	4,3	26,0	67,5	58,5	1,9	10,8	70,8	58,1
Syrian Arab Republic	22,7	22,1	30,3	29,0	1,0	1,4	1,1	0,8
Singapore	7,0	13,4	18,8	23,5	4,5	2,5	13,8	4,6
Thailand	2,4	5,5	9,1	9,9	1,0	8,1	20,6	13,1
Turkey	39,0	90,2	199,3	177,1	14,0	93,9	226,6	178,1
Japan	4,4	5,3	19,6	18,2	8,0	5,4	28,3	16,3
<b>Africa</b>	<b>28,4</b>	<b>72,2</b>	<b>203,1</b>	<b>164,4</b>	<b>6,1</b>	<b>28,7</b>	<b>87,0</b>	<b>43,2</b>
of which								
Algeria	9,0	5,7	7,1	5,6	0,3	1,4	1,1	3,1
Egypt	3,7	14,1	73,4	47,0	2,9	18,0	71,8	31,2
Liberia	5,8	14,6	49,1	45,0	0,2	0,6	0,2	0,2
Nigeria	0,2	3,7	11,5	11,5	0,0	0,7	1,2	0,8
Tunisia	0,6	2,7	6,4	7,4	0,2	1,2	2,0	0,8
<b>America</b>	<b>186,3</b>	<b>476,8</b>	<b>1247,2</b>	<b>1117,5</b>	<b>290,6</b>	<b>391,7</b>	<b>570,4</b>	<b>450,4</b>
of which								
Bahamas	6,9	19,0	23,1	20,5	1,2	5,8	3,3	4,4
Belize	1,0	5,1	45,9	32,8	0,0	3,1	16,7	25,2
Virgin Islands, British	17,2	69,5	270,8	247,5	2,9	38,0	49,3	27,2
Canada	7,8	39,6	120,5	134,1	17,1	25,8	33,1	50,2
Panama	10,6	34,0	115,5	118,2	0,6	1,8	12,3	31,7
Saint Kitts and Nevis	0,4	2,2	51,3	50,7	—	5,9	18,7	5,3
USA	122,7	281,4	555,2	458,9	264,0	306,8	426,3	298,9
<b>Australia and Oceania</b>	<b>1,5</b>	<b>6,9</b>	<b>26,4</b>	<b>31,3</b>	<b>1,0</b>	<b>1,7</b>	<b>4,9</b>	<b>7,2</b>
of which								
Australia	0,7	0,9	4,4	3,9	0,8	1,0	1,6	2,2
Marshall Islands	0,3	5,2	12,3	17,7	0,0	0,0	0,4	0,1
New Zealand	0,3	0,3	9,3	7,1	0,0	0,4	2,4	4,7
<b>Other</b>	<b>88,5</b>	<b>299,8</b>	<b>462,2</b>	<b>360,0</b>	<b>171,1</b>	<b>320,9</b>	<b>102,1</b>	<b>206,5</b>

<sup>1</sup> See the footnote to Table 11.1

## FOREIGN ECONOMIC ACTIVITY

**11.6. Exports/imports of services in 2009, by region**

	Exports			Imports		
	total enterprises	value, mln. USD	percentage of total	total enterprises	value, mln. USD	percentage of total
<b>Ukraine</b>	<b>5163</b>	<b>9598,3<sup>1</sup></b>	<b>100,0</b>	<b>4034</b>	<b>5173,5<sup>1</sup></b>	<b>100,0</b>
Autonomous Republic of Crimea	395	206,1	2,1	65	17,7	0,3
<b>oblasts</b>						
Vinnitsya	61	40,8	0,4	50	64,3	1,2
Volyn	77	18,5	0,2	141	22,7	0,4
Dnipropetrovsk	157	368,5	3,8	231	398,2	7,7
Donetsk	226	444,4	4,6	200	324,0	6,3
Zhytomyr	47	8,9	0,1	34	55,6	1,1
Zakarpattia	120	43,7	0,5	89	25,7	0,5
Zaporizhzhya	143	176,3	1,8	80	132,2	2,6
Ivano-Frankivsk	63	19,9	0,2	73	17,1	0,3
Kyiv	131	292,2	3,0	132	149,7	2,9
Kirovohrad	14	16,5	0,2	24	8,5	0,2
Luhansk	79	33,9	0,4	146	94,8	1,8
Lviv	246	94,9	1,0	227	60,9	1,2
Mykolayiv	110	176,2	1,8	71	37,0	0,7
Odesa	732	1243,7	13,0	363	169,1	3,3
Poltava	121	30,4	0,3	197	98,6	1,9
Rivne	58	41,6	0,4	53	18,5	0,4
Sumy	61	30,0	0,3	72	68,4	1,3
Ternopil	43	5,5	0,1	44	4,0	0,1
Kharkiv	364	204,6	2,1	217	376,5	7,3
Kherson	122	59,7	0,6	36	4,6	0,1
Khmelnyskiy	43	15,2	0,2	68	14,0	0,3
Cherkasy	36	12,1	0,1	35	19,9	0,4
Chernivtsi	38	6,4	0,1	7	4,5	0,1
Chernihiv	45	5,4	0,1	49	15,4	0,3
<b>cities</b>						
Kyiv	1522	2428,2	25,3	1275	1948,1	37,7
Sevastopol	93	100,1	1,0	25	6,4	0,1

<sup>1</sup> Including the undistributed services by region

## FOREIGN ECONOMIC ACTIVITY

**11.7. Structure of exports/imports of services in 2009***(mln. USD)*

	Exports		Imports	
	total	percentage of total	total	percentage of total
<b>Total</b>	<b>9598,3</b>	<b>100,0</b>	<b>5173,5</b>	<b>100,0</b>
Transport services	6305,6	65,7	996,9	19,3
sea	1272,8	20,2	129,1	13,0
passenger	1,2	0,1	3,3	2,6
cargo	33,5	2,6	20,1	15,5
other	1238,0	97,3	105,7	81,9
air	1111,1	17,6	338,8	34,0
passenger	476,6	42,9	103,2	30,5
cargo	280,5	25,2	11,8	3,5
other	354,0	31,9	223,7	66,0
rail	1240,6	19,7	423,8	42,5
passenger	280,6	22,6	166,3	39,2
cargo	400,8	32,3	58,4	13,8
other	559,2	45,1	199,1	47,0
pipeline	2104,0	33,4	2,2	0,2
other transport	577,1	9,2	103,1	10,3
passenger	15,8	2,7	4,4	4,3
cargo	166,2	28,8	31,0	30,1
other	395,1	68,5	67,7	65,7
Travel	299,2	3,1	283,0	5,5
Communications services	321,2	3,3	155,6	3,0
Construction services	123,7	1,3	158,8	3,1
Insurance services	81,3	0,8	138,3	2,7
Finance services	371,7	3,9	1319,1	25,5
Computer services	278,8	2,9	158,3	3,1
Royalty and licenses services	14,6	0,2	259,5	5,0
Other business services	99,7	1,0	159,7	3,1
Miscellaneous business, professional and technical services	1225,4	12,8	895,2	17,3
Services to individuals, and cultural and recreational services	32,0	0,3	143,5	2,8
Public services not included elsewhere	14,9	0,2	459,3	8,9
Repair	430,1	4,5	46,3	0,9

## FOREIGN ECONOMIC ACTIVITY

**11.8. Foreign direct investment<sup>1</sup> in Ukraine in 2009***(mln. USD)*

	Total	Of which, from		
		EU countries	CIS countries	other countries
<b>Capital of non-residents in Ukraine, beginning of year</b>	<b>35616,4</b>	<b>28127,7</b>	<b>2168,0</b>	<b>5320,7</b>
according to administrative data <sup>2</sup>	7937,3	7502,8	411,2	23,3
Increase in capital of non-residents	5634,6	4016,8	1064,7	553,1
according to administrative data <sup>2</sup>	123,8	—	123,8	—
resulting from				
cash investment	5008,9	3580,1	933,3	495,5
investment in the form of securities	19,4	19,3	—	0,1
investment in the form of debt cancellation	4,5	3,8	0,0	0,7
reinvested earnings	22,0	21,4	0,3	0,3
investment in the form of movables and real estate	384,8	335,8	5,0	44,0
investment in the form of intangible assets	28,4	27,2	0,0	1,2
purchases of corporate rights resulting from privatisation of state property	2,3	0,5	—	1,8
other forms of investment	40,5	28,7	2,3	9,5
Decrease in capital of non-residents	941,0	594,6	198,1	148,3
resulting from				
withdrawal of capital	776,3	564,4	86,9	125,0
of which				
cash contributions	701,6	501,6	85,6	114,4
securities	38,3	33,5	0,4	4,4
movables and real estate	36,4	29,3	0,9	6,2
other forms of capital decrease	164,7	30,2	111,2	23,3
Capital revaluation	-33,1	-25,2	-3,1	-4,8
Capital losses	60,3	32,3	15,4	12,6
Transfer of capital ownership rights from a non-resident to a non-resident from another country	—	-47,6	-33,9	81,5
Direct investment that was transferred from portfolio investment	50,9	48,1	2,6	0,2
Direct investment that was transferred into portfolio investment	56,3	4,5	20,6	31,2
Revaluation due to exchange rates	-184,4	-137,9	-25,2	-21,3
<b>Capital of non-residents in Ukraine, end of year</b>	<b>40026,8</b>	<b>31350,5</b>	<b>2939,0</b>	<b>5737,3</b>
according to administrative data <sup>2</sup>	8061,1	7502,8	535,0	23,3
<b>Capital of non-residents in Ukraine, including lendable capital, end of year</b>	<b>46642,0</b>	<b>36898,3</b>	<b>3393,0</b>	<b>6350,7</b>
according to administrative data <sup>2</sup>	8061,1	7502,8	535,0	23,3

<sup>1</sup> Here elsewhere (Tables 11.9–11.14) data are compiled on the basis of information from enterprises<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 several enterprises)



## FOREIGN ECONOMIC ACTIVITY

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

	1996	2002	2003	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	<b>896,9</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>29542,7</b>	<b>35616,4</b>	<b>40026,8</b>
Cyprus	51,5	493,0	672,1	901,9	1101,4	1635,9	3187,5	5946,4	7646,2	8593,2
Germany	156,9	250,5	317,7	451,6	653,7	5503,7	5578,1	5918,3	6393,0	6613,0
Netherlands	46,5	374,1	396,3	459,9	637,2	919,5	1533,8	2508,8	3197,4	4002,0
Russian Federation	50,0	315,5	323,2	388,6	720,8	835,8	1002,1	1462,4	1847,2	2674,6
Austria	16,4	144,4	214,3	252,4	361,1	1439,5	1633,8	2067,4	2443,8	2604,1
United Kingdom	53,9	414,2	534,0	701,2	955,4	1174,8	1563,4	1975,5	2249,8	2375,9
France	11,3	24,2	40,1	59,2	79,0	87,9	830,3	1044,8	1231,2	1640,1
USA	183,3	777,5	890,6	1060,2	1190,6	1387,4	1396,8	1430,1	1464,6	1387,1
Virgin Islands,										
British	5,0	275,2	346,1	367,5	582,2	736,5	806,2	1066,7	1294,0	1371,0
Sweden	19,1	89,2	90,4	103,1	120,3	134,1	137,3	986,7	1262,8	1272,3
Italy	19,2	81,1	86,5	94,9	103,1	117,4	132,9	150,4	914,2	992,2
Poland	20,5	69,3	98,1	152,7	194,7	225,5	394,6	672,1	690,1	864,9
Switzerland	38,4	224,0	272,2	321,6	442,3	456,4	566,5	648,0	718,0	805,5
Hungary	20,0	58,3	79,8	128,7	177,3	191,0	370,9	411,2	595,4	675,1
Greece	4,8	20,0	19,2	14,9	16,4	19,3	72,0	151,6	309,9	330,9
Luxembourg	1,0	13,6	15,3	40,9	58,1	77,8	93,4	210,7	214,2	252,5
Denmark	3,7	17,2	35,5	73,8	106,0	130,4	142,6	155,8	176,9	187,8
Korea, Republic of	0,1	170,4	172,1	172,4	172,4	172,2	167,2	167,6	173,8	173,7
Other countries	195,3	743,6	868,3	1048,9	1375,0	1644,9	1997,9	2568,2	2793,9	3210,9

## FOREIGN ECONOMIC ACTIVITY

**11.10. Foreign direct investment in Ukraine in 2009, by type of economic activity**

	Capital, end of year, mln. USD	Percentage of total investment
<b>Total</b>	<b>40026,8</b>	<b>100,0</b>
Agriculture, hunting, forestry	871,4	2,2
agriculture, hunting and related services	867,8	2,2
forestry and related services	3,6	0,0
Fishing	5,2	0,0
Industry	9021,9	22,5
mining	1128,1	2,8
manufacturing	7740,8	19,3
production of foodstuffs, beverages and tobacco products	1837,2	4,6
light industry (textile industry; sewing of clothes, fur and fur articles, production of leather, leather articles and other materials)	145,5	0,4
wood working and production of wood products apart from furniture	280,5	0,7
cellulose and paper industry; printing	237,3	0,6
production of coke and refined petroleum products	451,4	1,1
chemical and petrochemical industry (production of chemicals, production of rubber and plastic products)	1205,6	3,0
production of other non-metallic mineral products	834,2	2,1
metallurgy and production of finished metal products	1401,2	3,5
engineering (manufacture of machinery and equipment, manufacture of electrical, electronic and optical equipment, manufacture of transport vehicles and equipment)	1094,1	2,7
other manufacture n.i.e.	253,8	0,6
production and distribution of electricity, gas and water	153,0	0,4
Construction	2212,9	5,5
Trade; repair of motor vehicles, household appliances and personal demand items	4224,6	10,6
trade in motor vehicles and motorcycles, maintenance and servicing	407,5	1,0
wholesale trade and sale intermediation	3446,4	8,6
retail trade; repair of household appliances and personal demand items	370,7	1,0
Hotels and restaurants	428,5	1,1
Transport and communications	1506,3	3,8
surface transport	382,1	1,0
water transport	72,6	0,2
air transport	28,5	0,1
additional transport services and auxiliary operations	570,5	1,4
post and communication	452,6	1,1
Financial activity	8968,4	22,4
Real estate transactions, renting, engineering and provision of services to businessmen	4065,0	10,2
Public administration	0,5	0,0
Education	13,8	0,0
Health care and provision of social aid	120,8	0,3
Provision of communal and individual services; cultural and sporting activity	526,4	1,3
Investment undistributed by type of economic activity <sup>1</sup>	8061,1	20,1

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

## FOREIGN ECONOMIC ACTIVITY

**11.11. Direct investment in 2009, by region***(mln. USD)*

	Inward		Outward	
	beginning of year	end of year	beginning of year	end of year
<b>Ukraine</b>	<b>35616,4</b>	<b>40026,8</b>	<b>6203,1</b>	<b>6223,3</b>
Autonomous Republic of Crimea	622,1	718,4	0,3	2,5
<b>oblasts</b>				
Vinnitsya	161,3	176,5	0,2	0,2
Volyn	269,2	328,9	... <sup>1</sup>	... <sup>1</sup>
Dnipropetrovsk	2670,1	2813,6	81,8	110,9
Donetsk	1512,9	1649,6	5344,3	5395,8
Zhytomyr	177,4	215,4	—	—
Zakarpattya	356,4	355,0	—	—
Zaporizhzhya	840,6	872,1	14,3	14,0
Ivano-Frankivsk	480,8	615,9	... <sup>1</sup>	... <sup>1</sup>
Kyiv	1310,5	1507,4	... <sup>1</sup>	... <sup>1</sup>
Kirovohrad	63,8	66,0	0,1	0,1
Luhansk	335,9	577,9	1,7	1,7
Lviv	891,0	1111,9	0,8	0,7
Mykolayiv	161,8	172,9	0,5	0,5
Odesa	970,2	1043,2	37,3	37,4
Poltava	515,4	445,5	2,7	2,0
Rivne	272,1	275,5	—	—
Sumy	158,0	225,6	2,9	2,7
Ternopil	58,6	66,5	... <sup>1</sup>	... <sup>1</sup>
Kharkiv	1609,8	2054,7	9,8	10,2
Kherson	175,0	180,5	0,0	0,0
Khmelnyskiy	137,3	219,7	... <sup>1</sup>	... <sup>1</sup>
Cherkasy	168,1	222,5	—	—
Chernivtsi	60,1	61,9	... <sup>1</sup>	... <sup>1</sup>
Chernihiv	94,4	87,4	... <sup>1</sup>	... <sup>1</sup>
<b>cities</b>				
Kyiv	13464,5	15756,1	237,4	175,6
Sevastopol	141,8	145,1	... <sup>1</sup>	... <sup>1</sup>
Investment undistributed by region	7937,3 <sup>2</sup>	8061,1 <sup>2</sup>	442,4 <sup>3</sup>	442,4 <sup>3</sup>

<sup>1</sup> According to Ukraine's Law *On State Statistics*, information is confidential<sup>2</sup> See the second footnote to Table 11.8<sup>3</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 2009***(mln. USD)*

	Total	Of which, to		
		EU countries	CIS countries	other countries
<b>Capital of residents in other economies, beginning of year</b>	<b>6203,1</b>	<b>5949,0</b>	<b>173,3</b>	<b>80,8</b>
according to administrative data <sup>1</sup>	442,4	442,4	—	—
Increase in capital of residents	69,8	12,3	43,2	14,3
resulting from				
cash investment	67,5	12,3	42,7	12,5
investment in the form of securities	—	—	—	—
investment in the form of debt cancellation	—	—	—	—
reinvested earnings	—	—	—	—
investment in the form of movables and real estate	2,3	—	0,5	1,8
investment in the form of intangible assets	—	—	—	—
other forms of investment	—	—	—	—
Decrease in capital of residents	87,6	53,9	33,6	0,1
resulting from				
withdrawal of capital	86,1	53,9	32,1	0,1
of which				
cash contributions	38,4	6,2	32,1	0,1
securities	47,7	47,7	—	—
movable property and real estate	0,0	—	0,0	—
other forms of capital decrease	1,5	0,0	1,5	—
Capital revaluation	38,6	—	38,6	—
Capital losses	0,2	—	0,1	0,1
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	—	—	—	—
Revaluation due to exchange rates	−0,4	0,9	−1,3	0,0
<b>Capital of residents in other economies, end of year</b>	<b>6223,3</b>	<b>5908,3</b>	<b>220,1</b>	<b>94,9</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>6346,7</b>	<b>6031,7</b>	<b>220,1</b>	<b>94,9</b>
according to administrative data <sup>1</sup>	442,4	442,4	—	—

<sup>1</sup> See the third footnote to Table 11.11

## FOREIGN ECONOMIC ACTIVITY

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

	1996	2002	2003	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	<b>84,1</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>6196,6</b>	<b>6203,1</b>	<b>6223,3</b>
Cyprus	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	1,9	2,0	2,1	10,3	5825,5	5826,1	5778,5
Russian Federation	52,1	84,9	73,5	88,0	97,3	102,9	104,0	148,6	99,9	165,5
Poland	0,3	0,3	0,3	0,4	21,1	21,3	24,2	30,1	46,9	49,4
Georgia	... <sup>1</sup>	0,8	0,8	2,2	... <sup>1</sup>	2,2	2,9	28,5	26,9	32,6
Latvia	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	3,5	30,7	31,6	31,9
Kazakhstan	—	... <sup>1</sup>	... <sup>1</sup>	0,0	0,0	0,0	0,2	0,8	26,8	27,1
Virgin Islands, British	—	—	—	—	—	—	0,1	10,9	14,3	20,8
Moldova, Republic of	0,0	0,0	0,0	... <sup>1</sup>	0,0	0,9	1,3	26,7	26,6	15,2
USA	1,4	0,7	0,7	5,4	5,7	5,6	5,7	5,9	5,9	5,9
Armenia	... <sup>1</sup>	—	—	—	—	—	... <sup>1</sup>	12,8	13,5	5,8
Switzerland	8,1	3,3	3,8	4,2	4,7	4,0	4,3	4,6	5,0	5,1
Austria	1,6	0,7	0,8	1,0	3,0	4,6	1,9	2,2	2,7	5,1
Belarus	0,5	0,5	0,5	0,6	0,6	0,7	0,7	1,8	4,8	4,7
Vietnam	—	16,8	16,8	15,8	15,9	15,9	15,9	3,9	3,9	3,9
Germany	0,2	0,2	0,3	0,4	0,4	0,3	0,4	2,5	2,6	2,7
Other countries	11,4	45,1	44,9	46,1	45,6	59,0	62,4	61,1	65,6	69,1

<sup>1</sup> See the first footnote to Table 11.11

## FOREIGN ECONOMIC ACTIVITY

**11.14. Direct Ukrainian investment abroad in 2009, by type of economic activity<sup>1</sup>**

	Capital, end of year, mln. USD	Percentage of total
<b>Total</b>	<b>6223,3</b>	<b>100,0</b>
Agriculture, hunting, forestry	0,3	0,0
Industry	92,5	1,5
mining	0,3	0,0
manufacturing	92,2	1,5
production of foodstuffs, beverages and tobacco products	58,7	0,9
light industry (textile industry; sewing of clothes, fur and fur articles; production of leather, leather articles and other materials)	0,3	0,0
chemical and petrochemical industry (production of chemicals, production of rubber and plastic products)	4,8	0,1
production of other non-metallic mineral products	... <sup>2</sup>	... <sup>2</sup>
metallurgy and production of finished metal products	8,9	0,1
engineering (manufacture of machinery and equipment, manufacture of electrical, electronic and optical equipment, manufacture of transport vehicles and equipment)	16,8	0,3
other manufacture n.i.e.	2,6	0,0
Construction	1,9	0,0
Trade; repair of motor vehicles, household appliances and personal demand items	124,9	2,0
trade in motor vehicles and motorcycles, maintenance and servicing	26,7	0,4
wholesale trade and sale intermediation	81,6	1,3
retail trade; repair of household appliances and personal demand items	16,6	0,3
Hotels and restaurants	... <sup>2</sup>	... <sup>2</sup>
Transport and communications	44,8	0,7
surface transport	... <sup>2</sup>	... <sup>2</sup>
water transport	43,8	0,7
additional transport services and auxiliary operations	0,2	0,0
Financial activity	153,8	2,5
Real estate transactions, renting, engineering and provision of services to businessmen	5347,5	85,9
Public administration	... <sup>2</sup>	... <sup>2</sup>
Education	... <sup>2</sup>	... <sup>2</sup>
Investment undistributed by type of economic activity <sup>3</sup>	442,4	7,1

<sup>1</sup> These are types of economic activity of resident enterprises that made investment abroad<sup>2</sup> See the first footnote to Table 11.11<sup>3</sup> See the third footnote to Table 11.11

## 12. WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

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

**Restaurant turnover** includes retail

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

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

### 12.1. Trade and restaurant turnover

(bln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wholesale turnover of enterprises	167,3	273,5	290,1	394,1	547,1	511,2	667,2	863,9	1050,4	861,0
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>	456,0 <sup>1</sup>	444,3 <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>	15,6 <sup>1</sup>	15,4 <sup>1</sup>
Retail turnover of enterprises	28,8	34,4	39,7	50,0	67,6	94,3	130,0	178,2	246,9	231,0

<sup>1</sup> Based on data derived from complete enumeration of retail trade and restaurants belonging to natural persons-entrepreneurs

WHOLESALE AND RETAIL TRADE, RESTAURANTS

**12.2. Wholesale trade turnover, by region**

(mln. UAH)

	2001	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>273468,5</b>	<b>394090,8</b>	<b>547095,4</b>	<b>511150,0</b>	<b>667228,6</b>	<b>863881,9</b>	<b>1050392,9</b>	<b>860967,9</b>
Autonomous Republic of Crimea	2574,5	4145,3	4417,4	5294,8	6622,9	8281,3	11587,7	12015,7
<b>oblasts</b>								
Vinnitsya	1600,8	2302,9	3083,1	3068,1	3690,6	4702,5	6772,9	6847,8
Volyn	9253,4	7887,5	16381,0	12098,7	10451,6	12269,2	21684,8	21968,6
Dnipropetrovsk	47379,9	55344,7	79528,5	66518,0	74246,7	92341,4	104723,4	93934,8
Donetsk	50891,0	64095,1	90996,1	68127,9	96574,5	115761,6	145420,2	114271,4
Zhytomyr	2191,0	4444,3	9431,2	4758,9	4086,1	6133,8	5665,2	4188,1
Zakarpattia	703,6	1830,8	2664,6	3846,7	3300,6	4458,5	5525,7	4761,9
Zaporizhzhya	8243,7	12757,3	20979,7	17737,8	19614,2	25362,5	30415,4	20517,8
Ivano-Frankivsk	2519,4	5357,2	9045,1	4895,5	6612,9	5842,7	6522,7	8070,4
Kyiv	6988,1	12481,8	18679,5	15825,0	19521,3	26000,5	35323,8	35227,5
Kirovohrad	1276,1	2299,1	3104,4	3024,8	3603,5	4418,1	5840,7	6247,1
Luhansk	15838,1	25731,9	30211,2	19508,0	16496,3	17612,6	19438,9	18742,7
Lviv	8000,3	16603,5	18669,4	16387,5	18494,0	19834,2	24317,9	21007,3
Mykolayiv	2946,1	5937,1	9556,3	13588,9	16607,8	17962,8	18612,4	20229,9
Odesa	8886,6	14683,2	20395,8	21863,8	27501,9	34015,1	51333,6	45878,8
Poltava	5071,8	5913,1	14659,7	8439,1	11349,8	21743,8	18344,8	14800,4
Rivne	1600,3	2498,1	4219,3	5667,5	7784,9	8066,8	7953,9	3297,9
Sumy	4377,4	2818,6	3254,5	3056,1	3406,2	3910,8	5074,6	4423,9
Ternopil	684,6	1026,2	1234,2	1546,6	1726,9	2163,0	3323,4	4994,6
Kharkiv	11674,1	26496,8	31362,2	26618,0	35108,1	44424,0	52337,5	41330,9
Kherson	3538,1	4633,2	6175,2	5199,6	6821,3	7626,6	9762,5	9512,4
Khmelnyskiy	1570,1	3715,7	4722,4	7955,9	5874,5	4311,2	4870,6	4361,2
Cherkasy	1794,1	2466,9	3027,6	4411,7	6314,6	7509,5	9260,1	8533,4
Chernivtsi	629,9	1066,6	1502,8	2013,8	2087,6	2961,8	3375,5	2495,3
Chernihiv	968,7	1346,8	1762,7	2505,8	2685,0	3397,9	4568,3	4357,4
<b>cities</b>								
Kyiv	71068,9	104764,3	135871,5	164631,4	253307,7	358008,7	432706,7	322274,9
Sevastopol	1197,9	1442,8	2159,9	2560,1	3337,0	4761,0	5630,0	6675,8



WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(mln. UAH)

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

## WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.3 continued

	2006	2007	2008	2009
rice	453,1	437,5	652,2	671,0
flour	1503,3	1848,6	1878,8	1758,1
grits	606,9	610,8	716,8	689,2
macaroni	688,4	837,9	999,7	797,9
salt and native sodium chloride	267,2	323,7	366,5	411,2
fruit and vegetable juices	1472,5	2333,8	1849,4	1781,6
frozen vegetables (excluding potatoes) and mushrooms	140,6	266,2	255,9	203,9
canned vegetables	1212,6	1890,4	2272,5	1360,6
<b>Manufactured goods</b>	<b>563939,6</b>	<b>732398,7</b>	<b>895292,4</b>	<b>692669,0</b>
including				
cars	17275,8	28570,1	46375,1	12252,8
trucks	3991,7	5479,8	5247,7	1712,4
car equipment	4276,9	5877,6	6869,9	7042,5
motorcycles and motor scooters	58,9	275,5	243,8	101,5
grain crops	14042,7	16954,9	32785,6	36315,3
sunflower seeds	5784,2	8520,4	8364,5	10992,7
fabrics	1023,2	1289,0	1128,7	888,6
textiles	2198,3	2541,5	3604,8	3400,7
refrigerators and fridges	2389,8	3137,0	3543,9	2179,0
washing machines	1287,9	1562,1	1928,6	893,4
drying machines	8,4	7,1	8,4	5,4
sewing machines	34,5	23,9	19,9	16,1
vacuum cleaners	358,6	417,5	645,9	226,1
TV sets	1076,8	1665,6	2724,7	918,1
portable radio sets and fixed receivers	56,3	91,8	84,9	135,2
audio recorders and other sound-recording equipment	170,2	321,4	396,6	54,6
audio and video goods	816,9	1222,8	1395,9	503,0
pottery ware and decorative porcelain	929,0	1123,8	1354,8	1123,3
hollow glass	480,9	551,1	568,9	384,2
perfumery and cosmetics	6305,7	7419,8	10425,0	17551,8
stained paper and textile materials for tapestry	506,9	504,9	741,5	524,0
soap, detergents and skin-care products	3803,4	5661,3	6818,5	7451,1
pharmaceuticals	13882,6	18726,8	24162,6	30783,6
medical, surgical and orthopedic facilities	1078,5	2251,9	2744,4	2411,0
black coal	20025,5	26025,2	43721,8	36928,5
brown coal (lignite)	4,7	3,3	3,5	1,0
crude oil	3939,4	12563,3	17144,3	11612,4

## WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.3 continued

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.3 continued

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

**12.4. Turnover conducted via exchanges**

(mln. UAH)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>544,0</b>	<b>3544,9</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>	<b>59875,3</b>	<b>73769,3</b>
Metal and metal products	0,5	4,9	17,5	6,9	135,8	116,4	5,6	8,7	7,1	4,6
Non-ferrous metals	0,1	0,3	0,4	31,5	0,1	0,0	5,0	0,0	3,9	5,4
Building materials	0,1	3,6	0,6	0,4	...	...	...	...	67,9	160,3
Motor vehicles	41,0	193,4	311,2	479,7	359,4	319,9	392,8	452,8	398,8	376,0
Wood and timber	0,3	0,7	0,4	0,4	0,3	35,7	27,7	701,8	782,7	65,7
Fuel	2,8	290,6	1938,2	2655,0	2301,2	2517,9	8479,2	9343,4	12386,6	7218,8
of which										
coal	1,7	1,5	77,5	37,8	9,1	0,0	24,0	0,4	1762,5	136,1
gasoline for vehicles	0,5	0,5	0,6	4,9	52,8	395,1	0,6	7,2	0,4	—
crude oil	...	2,7	1578,3	2221,2	1954,1	1329,1	7183,5	7884,8	8553,4	5291,6
gas condensate	...	139,0	100,9	112,7	63,0	76,1	464,1	460,1	642,0	443,8
propane and butane liquefied	...	94,7	170,9	261,1	215,4	310,2	806,4	990,7	1280,0	1088,4
Manufactured goods	0,7	2,6	1,2	31,7	40,4	6,5	1,3	5,5	12,4	34,6
Agricultural products	220,8	989,7	6526,5	8477,5	9098,4	10568,2	11905,2	9596,8	40019,5	39866,8
Food products	5,3	62,8	39,6	191,9	376,3	416,1	754,3	1228,5	751,1	1158,7
Chemical products	0,0	124,9	6,5	2,5	0,7	0,9	9,0	0,3	0,2	117,2
Securities	5,5	1382,9	249,3	350,5	2394,9	1937,3	1092,7	2032,9	3752,9	22773,4
Real estate	257,5	380,9	221,4	208,7	255,5	694,5	457,6	343,0	512,2	510,2
Land plots	0,1	0,3	0,4	10,3	4,0	9,4	8,1	1025,2	16,7	138,6
Other	8,7	73,4	108,7	268,8	608,9	2225,6	1099,1	3185,6	1163,3	1339,1

**12.5. Exchanges**

(beginning of year)

	1996	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<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>	<b>503</b>	<b>531</b>
Universal	19	97	113	118	119	115	114	114	118	103	106
Commodity and raw materials	25	157	176	201	227	244	258	272	293	318	341
Agricultural	9	31	32	31	34	30	29	30	30	26	25
Stock exchanges and their branches	14	27	27	27	29	19	19	18	17	19	21
Other	21	74	81	82	84	50	47	45	41	37	38

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
2008	246903	228794	18109	238523	221128	17395	8380	7666	714
2009	230955	212126	18829	222849	204705	18144	8106	7421	685

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

(percent)

	1990=100											2009 over 2008
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
<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>145</b>	<b>115</b>	<b>79</b>
Food products	43	30	31	34	39	47	56	66	77	83	76	91
foodstuffs	37	22	22	23	26	31	36	43	50	55	50	91
alcoholic beverages	80	99	109	123	146	182	214	251	286	324	300	93
Manufactured goods	29	38	46	56	70	86	111	146	201	245	179	73
Restaurant turnover	35	26	28	31	32	34	36	41	46	46	37	82

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(mln. UAH)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>11964,0</b>	<b>28757,4</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>	<b>246903,2</b>	<b>230955,3</b>
Autonomous Republic of Crimea	472,0	946,0	1411,5	1762,7	2434,3	3448,5	4784,0	6430,0	9064,3	8430,8
<b>oblasts</b>										
Vinnitsya	371,8	794,1	1014,7	1272,1	1668,7	2248,1	2959,2	3922,4	5358,0	4661,6
Volyn	198,0	575,1	795,5	1005,4	1337,6	1834,0	2403,9	3134,1	4306,1	3889,5
Dnipro-petrovsk	842,3	2379,9	3455,3	4435,9	6074,4	8370,1	11476,5	15976,1	22353,1	20150,9
Donetsk	1285,7	2624,1	3414,6	4174,6	5660,5	7867,0	11429,9	15941,5	22229,2	19912,6
Zhytomyr	343,5	682,2	846,4	1073,8	1361,5	1775,5	2430,2	3320,5	4344,3	4143,1
Zakarpattia	231,7	744,9	1074,1	1458,1	2068,3	2666,9	2902,0	3666,7	5303,7	4915,4
Zaporizhzhya	667,1	1376,0	1721,6	2043,5	2866,6	3880,6	4981,5	6782,0	9301,3	8433,0
Ivano-Frankivsk	278,0	588,0	719,9	861,2	1106,1	1563,4	2269,4	3133,2	4519,0	4248,5
Kyiv	425,9	1011,5	1446,9	1603,9	2191,5	3020,7	4731,3	6663,0	9858,6	10010,1
Kirovohrad	201,4	504,2	724,0	852,2	1119,6	1466,5	2020,7	2801,3	3921,8	3635,3
Luhansk	561,3	1021,1	1297,7	1551,8	2106,1	2764,6	3766,7	5245,8	7796,9	7131,6
Lviv	611,1	1820,4	2456,6	3085,8	4009,8	5530,5	6882,9	9472,5	12827,2	12983,6
Mykolayiv	298,8	570,3	849,5	961,3	1307,0	1759,6	2554,7	3861,5	5310,2	4818,5
Odesa	469,8	1112,4	1844,3	2535,3	3684,0	5165,3	7445,4	9996,1	14159,5	14842,9
Poltava	419,8	1064,4	1291,9	1505,3	1900,5	2520,9	3467,9	4678,3	6725,6	6053,9
Rivne	241,1	473,9	812,9	990,2	1262,8	1644,3	2092,6	2747,3	3853,4	3793,1
Sumy	344,7	776,9	938,3	1052,7	1330,7	1748,7	2155,6	2688,2	3673,5	3378,1
Ternopil	168,5	385,5	563,2	723,9	962,1	1324,8	1729,8	2251,5	3309,2	3321,1
Kharkiv	690,2	2031,3	2909,3	3675,6	4830,3	6755,6	9164,5	12311,8	16852,0	15976,1
Kherson	242,9	525,7	763,5	1042,2	1401,4	1826,6	2493,6	3326,2	4392,1	4421,2
Khmelnyskiy	317,7	560,6	792,2	1031,7	1315,3	1803,1	2505,5	3368,3	5003,3	4409,9
Cherkasy	340,9	656,7	794,6	1039,7	1392,9	1751,9	2335,6	3173,4	4558,4	4440,1
Chernivtsi	213,4	478,6	674,3	872,5	1103,3	1435,5	1806,6	2679,6	3663,9	3593,5
Chernihiv	340,0	715,7	844,1	990,0	1264,7	1578,1	2121,0	2862,5	3902,6	3710,6
<b>cities</b>										
Kyiv	1204,7	4106,1	5885,0	7961,9	11184,1	17695,6	25826,0	35989,8	47809,4	43191,5
Sevastopol	104,8	220,8	336,0	420,5	598,7	886,0	1214,7	1809,0	2506,6	2458,8

## WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(percent)

	1990=100											2009 over 2008
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
<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>163</b>	<b>129</b>	<b>79</b>
Food products	43	31	33	37	43	52	61	73	86	93	85	91
Manufactured goods	29	40	49	60	76	95	122	162	224	276	202	73

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

(UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>5338</b>	<b>5015</b>
Food products	146	304	356	395	477	625	833	1062	1354	1839	2007
Manufactured goods	86	281	351	428	569	799	1170	1715	2478	3499	3008
Turnover of goods											
in urban areas	298	766	924	1086	1386	1907	2717	3750	5187	7234	6722
in rural areas	93	210	262	283	341	416	497	710	926	1238	1299

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

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>100</b>	<b>100</b>
Food products	44	63	52	50	48	46	44	42	38	35	34	40
Manufactured goods	56	37	48	50	52	54	56	58	62	65	66	60



## WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(UAH)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009		
										total	including	
											food products	manufactured goods
<b>Ukraine</b>	<b>232</b>	<b>585</b>	<b>823</b>	<b>1046</b>	<b>1424</b>	<b>2003</b>	<b>2777</b>	<b>3832</b>	<b>5338</b>	<b>5015</b>	<b>2007</b>	<b>3008</b>
Autonomous Republic of Crimea	214	458	697	876	1217	1734	2416	3257	4603	4288	1655	2633
<b>oblasts</b>												
Vinnitsya	198	441	576	729	966	1314	1747	2336	3216	2816	1058	1758
Volyn	184	540	752	956	1278	1759	2313	3022	4155	3753	1362	2391
Dnipropetrovsk	218	654	974	1261	1741	2418	3341	4684	6601	5989	2520	3469
Donetsk	246	533	711	879	1205	1693	2484	3496	4918	4441	1868	2573
Zhytomyr	231	482	613	786	1007	1327	1836	2532	3342	3212	1298	1914
Zakarpattia	180	590	855	1164	1655	2139	2332	2949	4267	3951	1340	2611
Zaporizhzhya	320	702	898	1075	1521	2076	2687	3686	5091	4642	1987	2655
Ivano-Frankivsk	190	413	512	615	793	1124	1636	2264	3270	3077	968	2109
Kyiv	223	546	796	890	1227	1705	2692	3820	5690	5804	2089	3715
Kirovohrad	164	436	644	769	1025	1364	1906	2677	3795	3556	1621	1935
Luhansk	200	391	514	623	857	1140	1572	2215	3327	3072	1299	1773
Lviv	221	683	938	1185	1546	2141	2675	3694	5018	5089	2107	2982
Mykolayiv	222	443	676	772	1058	1437	2101	3197	4426	4040	1407	2633
Odesa	181	445	751	1039	1520	2144	3104	4174	5916	6206	2426	3780
Poltava	241	640	798	941	1202	1612	2241	3052	4430	4021	1542	2479
Rivne	202	401	695	849	1086	1419	1811	2382	3346	3295	1346	1949
Sumy	245	585	728	828	1062	1416	1768	2233	3086	2867	1323	1544
Ternopil	143	334	495	640	857	1187	1560	2043	3019	3044	1294	1750
Kharkiv	222	688	1003	1277	1690	2380	3249	4391	6042	5756	2580	3176
Kherson	192	439	654	902	1225	1613	2223	2990	3981	4033	1361	2672
Khmelnyskiy	210	386	557	733	943	1306	1832	2484	3718	3297	1147	2150
Cherkasy	226	460	570	754	1021	1298	1750	2401	3480	3416	1152	2264
Chernivtsi	226	515	733	952	1208	1578	1991	2960	4052	3974	1428	2546
Chernihiv	250	563	684	814	1056	1340	1828	2502	3458	3326	1583	1743
<b>cities</b>												
Kyiv	456	1571	2250	3027	4216	6603	9545	13187	17367	15563	6154	9409
Sevastopol	256	573	887	1111	1582	2339	3203	4769	6600	6466	2788	3678

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(percent)

	2000=100								2009 over 2008
	2002	2003	2004	2005	2006	2007	2008	2009	
<b>All commodities</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>478,3</b>	<b>377,9</b>	<b>79,0</b>
<b>Food products</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>299,4</b>	<b>274,3</b>	<b>91,6</b>
meat and meat products	89,8	115,4	135,0	164,6	209,7	254,2	268,2	238,2	88,8
butter	108,8	104,3	128,0	141,6	164,0	167,9	183,0	176,6	96,5
vegetable oil	114,9	158,6	250,0	311,0	387,5	441,8	508,1	552,3	108,7
other fats	135,3	151,0	185,4	210,6	149,9	131,9	106,6	94,9	89,0
milk and dairy products	122,5	139,7	168,8	194,3	229,7	257,7	263,4	239,7	91,0
rennet, melted and lactic cheese	140,9	191,9	265,8	324,0	413,4	504,3	577,9	555,4	96,1
eggs	159,3	150,7	138,8	148,5	190,8	210,1	255,5	244,8	95,8
sugar	97,2	101,7	122,1	127,4	126,5	172,0	187,7	188,3	100,3
confectionery	120,5	123,8	148,9	177,8	216,9	244,9	275,8	239,7	86,9
tea	135,9	174,8	239,7	308,7	421,7	528,8	619,2	530,0	85,6
flour, bread and bakery products	77,3	73,8	71,9	75,1	73,6	71,8	72,7	67,9	93,4
potatoes	179,0	227,5	478,2	604,0	512,8	765,6	849,8	1012,1	119,1
vegetables	93,8	93,2	136,2	161,5	195,3	260,7	295,4	534,4	180,9
fruit, berries, grapes, nuts (including watermelons and melons)	109,1	168,3	267,8	351,9	441,3	512,8	540,0	542,2	100,4
non-alcoholic beverages	139,4	164,5	185,4	243,6	342,0	462,7	503,4	431,4	85,7
alcoholic beverages	125,0	150,3	189,7	224,0	257,6	291,6	333,2	311,5	93,5
<b>Manufactured goods</b>	<b>147,7</b>	<b>185,8</b>	<b>228,5</b>	<b>292,5</b>	<b>386,4</b>	<b>530,9</b>	<b>648,8</b>	<b>473,6</b>	<b>73,0</b>
fabrics	69,8	67,1	58,5	60,7	74,8	114,7	125,9	128,3	101,9
textile clothes and underwear	94,9	104,3	135,1	198,5	267,8	337,2	517,6	540,4	104,4
knitted outerwear and underwear	110,8	136,9	148,5	201,1	252,4	389,2	621,6	652,7	105,0
hosiery	100,7	112,2	138,0	211,3	362,6	553,3	822,2	795,9	96,8
leather, textile, felt and combined footwear	109,4	144,8	189,4	261,4	395,0	735,1	1007,8	1078,3	107,0
detergents for washing, cleaning and caring	174,9	227,9	291,7	361,4	457,5	553,1	635,0	547,4	86,2
watches and clocks	152,5	129,5	112,9	127,8	161,3	222,4	508,0	251,0	49,4
audio/video equipment	204,3	261,5	418,4	613,8	1315,4	1862,6	2112,2	1400,4	66,3
furniture	110,1	119,6	177,8	206,4	236,5	275,8	360,5	312,9	86,8
houseware and tableware	99,3	111,2	120,3	157,2	184,2	236,5	339,4	305,5	90,0
jewellery	118,8	144,5	181,3	205,2	243,8	268,9	302,2	207,0	68,5

## WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

	2000	2005	2007	2008	2009	2000	2005	2007	2008	2009
	mln. UAH					percent				
<b>All commodities<sup>1</sup></b>	<b>28757,4</b>	<b>94332,4</b>	<b>178232,6</b>	<b>246903,2</b>	<b>230955,3</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
<b>Food products in retail trade network</b>	<b>12861,0</b>	<b>34939,2</b>	<b>56444,4</b>	<b>76672,2</b>	<b>84307,9</b>	<b>44,7</b>	<b>37,1</b>	<b>31,6</b>	<b>31,1</b>	<b>36,5</b>
meat and meat products	1499,0	5175,3	8447,3	11973,3	12112,9	5,2	5,5	4,7	4,9	5,3
fresh and frozen meat and poultry	460,2	2317,3	3611,9	5203,8	5576,0	1,6	2,5	2,0	2,1	2,4
smoked and salted meat and sausage goods	989,3	2684,0	4231,5	5838,4	5717,0	3,4	2,8	2,4	2,4	2,5
canned meat, ready-to-eat meat products	49,5	174,0	603,9	931,1	819,9	0,2	0,2	0,3	0,4	0,4
fish and fish products	406,8	1555,3	2624,6	3747,2	3728,1	1,4	1,6	1,5	1,5	1,6
fish and sea foods	297,1	1171,0	1892,9	2678,0	2639,4	1,0	1,2	1,1	1,1	1,1
canned fish and ready-to-eat fish products	109,7	384,3	731,7	1069,2	1088,7	0,4	0,4	0,4	0,4	0,5
canned vegetables, and fruit and berries	125,4	742,1	990,1	1319,2	1380,2	0,5	0,8	0,6	0,5	0,6
fats	472,3	1309,7	1663,5	2513,4	2671,1	1,6	1,3	0,9	1,0	1,2
butter	212,0	409,5	636,2	874,2	1052,2	0,7	0,4	0,3	0,3	0,5
vegetable oil	92,2	416,1	672,5	1204,9	1187,4	0,3	0,4	0,4	0,5	0,5
other fats (other animal fats, margarine)	168,1	484,1	354,8	434,3	431,5	0,6	0,5	0,2	0,2	0,2
milk and dairy products	564,2	1809,0	3083,7	3921,0	4055,1	2,0	1,9	1,7	1,6	1,8
rennet cheese, processed and lactic cheese	168,3	847,7	1642,9	2400,6	2526,5	0,6	0,9	0,9	1,0	1,1
eggs	204,7	441,5	685,5	1138,1	1117,8	0,7	0,5	0,4	0,5	0,5
sugar	215,9	432,2	548,0	691,1	967,7	0,8	0,5	0,3	0,3	0,4
confectionery	1155,2	2799,5	4479,9	6253,4	6635,1	4,0	3,0	2,5	2,5	2,9
tea	91,0	338,2	643,8	880,9	1107,3	0,3	0,4	0,4	0,4	0,5
coffee	111,5	628,5	1091,7	1458,5	1645,9	0,4	0,7	0,6	0,6	0,7
salt	26,6	37,4	51,2	66,4	76,9	0,1	0,0	0,0	0,0	0,0
bread and bakery products	1830,7	1699,2	2009,4	2636,1	2631,5	6,4	1,8	1,1	1,1	1,1
flour, cereals and macaroni	471,2	853,9	1504,2	2232,4	2523,9	1,6	0,9	0,8	0,9	1,0
flour	175,6	205,0	271,8	383,1	521,6	0,6	0,2	0,2	0,2	0,2
cereals and legumes	157,8	372,1	618,3	965,5	1021,7	0,5	0,4	0,3	0,4	0,4
macaroni	137,8	276,8	614,1	883,8	980,6	0,5	0,3	0,3	0,3	0,4
potatoes	31,1	190,0	389,0	437,3	457,3	0,1	0,2	0,2	0,2	0,2
vegetables	123,7	500,8	1019,5	1507,9	1590,1	0,4	0,5	0,6	0,6	0,7
fruit, berries, grapes, nuts (including water-melons and melons)	123,0	684,6	1528,0	2257,0	2609,5	0,4	0,7	0,9	0,9	1,1
other food products	5240,4	14894,3	24042,1	31238,4	36471,0	18,2	15,9	13,5	12,6	15,8
<b>Food products in restaurants network</b>	<b>2069,7</b>	<b>4282,1</b>	<b>6550,5</b>	<b>8379,6</b>	<b>8106,7</b>	<b>7,2</b>	<b>4,5</b>	<b>3,7</b>	<b>3,3</b>	<b>3,5</b>
<b>Manufactured goods</b>	<b>13826,7</b>	<b>55111,1</b>	<b>115237,7</b>	<b>161851,4</b>	<b>138540,7</b>	<b>48,1</b>	<b>58,4</b>	<b>64,7</b>	<b>65,6</b>	<b>60,0</b>
fabrics	110,4	73,4	143,3	164,5	191,6	0,4	0,1	0,1	0,1	0,1
textile clothes and underwear, headdress and leather clothes, fur and fur items	426,2	968,6	1686,4	2548,3	2904,3	1,5	1,0	1,0	1,0	1,3
textile clothes and underwear	353,0	755,3	1322,3	2080,6	2320,3	1,2	0,8	0,8	0,8	1,0
leather clothes, fur and fur items	21,3	22,7	41,3	104,6	134,8	0,1	0,0	0,0	0,0	0,1

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.14 continued

	2000	2005	2007	2008	2009	2000	2005	2007	2008	2009
	mln. UAH					percent				
textile for household use and interior	43,3	181,9	313,7	347,2	427,9	0,2	0,2	0,2	0,2	0,2
headdress	8,6	8,7	9,1	15,9	21,3	0,0	0,0	0,0	0,0	0,0
knitted outerwear and underwear, hosiery	160,0	355,9	793,8	1293,8	1492,5	0,5	0,4	0,5	0,5	0,6
knitted outerwear and underwear	119,4	260,3	525,0	868,0	1006,6	0,4	0,3	0,3	0,3	0,4
hosiery	40,6	95,6	268,8	425,8	485,9	0,1	0,1	0,2	0,2	0,2
footwear	222,8	614,6	1778,3	2490,7	2853,3	0,8	0,6	1,0	1,0	1,2
leather textile combined including sporting	216,7	598,8	1737,7	2417,7	2756,6	0,8	0,6	1,0	1,0	1,2
rubber and polymer	6,1	15,8	40,6	73,0	96,7	0,0	0,0	0,0	0,0	0,0
detergents for washing, cleaning and caring	324,0	1305,9	2213,3	3129,8	3680,3	1,1	1,4	1,2	1,3	1,6
perfumery and cosmetics	367,1	1598,3	3077,5	4662,8	5665,8	1,3	1,7	1,7	1,9	2,5
haberdashery and threads	108,7	147,1	279,3	312,7	321,4	0,4	0,2	0,2	0,1	0,1
matches	12,8	20,6	25,1	30,3	36,8	0,0	0,0	0,0	0,0	0,0
household, cultural and general use goods including	2778,8	10883,1	21093,0	26123,6	22607,3	9,7	11,5	11,8	10,6	9,7
watches and clocks	35,9	48,9	88,1	206,7	112,6	0,1	0,1	0,0	0,1	0,0
audio/video equipment	371,7	2288,8	6527,1	7305,1	5469,0	1,3	2,4	3,7	3,0	2,4
sporting goods including bicycles	55,3	114,2	245,9	334,5	377,5	0,2	0,1	0,1	0,1	0,2
games and toys	41,1	135,4	356,0	490,9	534,3	0,1	0,1	0,2	0,2	0,2
photo equipment	55,0	196,2	418,6	293,3	119,4	0,2	0,2	0,2	0,1	0,1
paper products and office supplies	91,0	223,9	300,1	392,4	455,1	0,3	0,2	0,2	0,2	0,2
stationery	126,3	210,8	282,9	355,2	328,1	0,4	0,2	0,2	0,1	0,1
computer and computing machines	114,3	805,3	1911,0	2549,7	1903,4	0,4	0,9	1,1	1,0	0,8
printed and electronic books, newspapers, magazines	546,7	1180,0	1764,9	2228,1	2421,6	1,9	1,3	1,0	0,9	1,0
electric appliances	499,1	3026,3	5862,0	6904,8	5985,9	1,7	3,2	3,3	2,8	2,6
motorcycles, scooters and motor bikes	5,3	28,4	38,8	45,0	27,6	0,0	0,0	0,0	0,0	0,0
furniture	306,9	699,8	980,2	1401,4	1375,7	1,1	0,8	0,5	0,6	0,6
carpets and surfacing for floor and walls	47,4	85,4	664,2	1247,5	1428,5	0,2	0,1	0,4	0,5	0,6
houseware and tableware	267,5	464,6	737,0	1145,7	1178,0	1,0	0,5	0,4	0,5	0,5
other manufactured goods including	9315,9	39143,6	84147,7	121094,9	98787,4	32,4	41,5	47,2	49,1	42,9
window glass, timber, lumber, cement, bricks and other	739,5	3229,1	6420,6	9583,6	9528,5	2,6	3,4	3,6	3,9	4,1
gasoline	3294,6	12196,9	19016,8	27876,9	30528,4	11,5	12,9	10,7	11,3	13,2
pharmaceuticals	2052,7	6200,8	9563,6	12598,1	16381,9	7,1	6,6	5,4	5,1	7,1

<sup>1</sup> Including restaurant business

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

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

## WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.15 continued

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

**12.16. Foodstuffs sold through retail trade and restaurant network of enterprises**

(thsd.t)

	1990	1995	2000	2002	2003	2004	2005 <sup>1</sup>	2006 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1</sup>
Meat and meat products	2384	562	236	221	265	300	325	389	443	453	420
Butter	318	84	24	26	27	31	32	35	36	36	31
Vegetable oil	228	50	34	35	41	60	66	77	91	102	109
Rennet cheese, processed and lactic cheese	147	34	16	23	29	38	42	51	63	71	67
Eggs, mln.pcs	6883	1890	953	1577	1475	1406	1341	1649	1791	2194	1986
Sugar	1802	262	118	113	119	135	129	130	155	177	190
Confectionery	997	239	155	178	180	202	225	252	275	288	254
Tea	24	10	3	4	5	6	7	9	12	13	12
Bread and bakery products (in flour equivalent)	7568	3222	1493	1191	1100	1044	953	952	948	933	845
Potatoes	1372	209	73	83	89	110	78	76	91	101	99
Vegetables	2342	397	139	128	137	156	151	183	205	210	247
Fruit, berries, grapes, nuts (including watermelons and melons)	449	94	70	72	130	133	148	203	230	237	254

<sup>1</sup> Foodstuffs sold through retail trade

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

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

WHOLESALE AND RETAIL TRADE, RESTAURANTS

**12.18. Per capita sales of alcoholic beverages, by region**

(on absolute alcohol base; L)

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

<sup>1</sup> Including Sevastopol city



WHOLESALE AND RETAIL TRADE, RESTAURANTS

**12.19. Retail sales of durables**

(thsd.pcs)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Refrigerators and freezers	887	176	78	139	160	246	354	473	653	628	326
Washing machines	1039	67	61	118	160	290	400	494	571	544	302
Vacuum cleaners	762	70	65	142	203	335	536	670	789	724	398
TV sets	1682	126	156	330	383	586	885	1074	1235	1157	589
Radio devices	1505	118	40	85	81	93	128	169	180	270	183
Photo cameras	407	23	70	103	110	133	187	253	378	470	277
Sewing machines	277	5	1	2	2	2	3	11	27	24	12
Motor cars	371	49	28	44	65	75	149 <sup>1</sup>	250 <sup>1</sup>	373 <sup>1</sup>	463 <sup>1</sup>	119 <sup>1</sup>
Mobile telephones	...	...	...	...	...	...	...	2981	3238	2842	1908

<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		2005		2007		2008		2009	
	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>1276</b>	<b>100,0</b>	<b>1315</b>	<b>100,0</b>	<b>1645</b>	<b>100,0</b>	<b>1506</b>	<b>100,0</b>
including enterprises that sell mainly										
automobiles	82	5,9	169	13,2	284	21,6	496	30,2	435	28,9
automobile goods	495	35,4	297	23,3	271	20,6	272	16,5	247	16,4
fuel	819	58,7	810	63,5	760	57,8	877	53,3	824	54,7
<b>Retail trade (excluding trade in transportation means)</b>										
<b>Total</b>	<b>21974</b>	<b>100,0</b>	<b>14959</b>	<b>100,0</b>	<b>13340</b>	<b>100,0</b>	<b>12832</b>	<b>100,0</b>	<b>11951</b>	<b>100,0</b>
including enterprises that sell mainly										
food products										
in specialised shops	1558	7,1	839	5,6	865	6,5	965	7,5	944	7,9
in non-specialised shops	10636	48,4	7690	51,4	6792	50,9	6341	49,4	5970	49,9
manufactured goods										
in specialised shops	7039	32,0	4998	33,4	4572	34,3	4629	36,1	4226	35,4
in non-specialised shops	2312	10,5	1219	8,2	932	7,0	775	6,0	700	5,9
not through shops	429	2,0	213	1,4	179	1,3	122	1,0	111	0,9
<b>Restaurant</b>										
<b>Total</b>	<b>4849</b>	<b>100,0</b>	<b>4718</b>	<b>100,0</b>	<b>4468</b>	<b>100,0</b>	<b>5028</b>	<b>100,0</b>	<b>4785</b>	<b>100,0</b>
restaurants	468	9,7	526	11,1	615	13,8	698	13,9	708	14,8
cafes	2906	59,9	3022	64,1	2779	62,2	3034	60,3	2868	59,9
bars	766	15,8	682	14,5	618	13,8	814	16,2	754	15,8
canteens and supply of ready-to-eat meals	709	14,6	488	10,3	456	10,2	482	9,6	455	9,5
<b>Other economic activities</b>										
<b>Total</b>	<b>15839</b>	<b>×</b>	<b>16448</b>	<b>×</b>	<b>15310</b>	<b>×</b>	<b>13098</b>	<b>×</b>	<b>12451</b>	<b>×</b>

WHOLESALE AND RETAIL TRADE, RESTAURANTS

**12.21. Local units of retail trade and restaurants of enterprises**

(end of year; thsd.)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Retail trade</b>										
<b>Total</b>	<b>133,7</b>	<b>103,2</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>	<b>69,2</b>	<b>65,3</b>
Shops	109,5	77,9	66,8	62,3	58,3	55,8	54,6	52,3	50,5	47,6
in urban areas	61,3	48,1	42,1	39,5	37,6	36,8	36,9	36,1	35,4	33,7
in rural areas	48,2	29,8	24,7	22,8	20,7	19,0	17,7	16,2	15,1	13,9
Kiosks	24,2	25,3	22,5	21,5	20,2	19,4	19,0	19,6	18,7	17,7
in urban areas	20,7	21,7	19,3	18,4	17,4	16,5	16,0	16,6	15,7	14,8
in rural areas	3,5	3,6	3,2	3,1	2,8	2,9	3,0	3,0	3,0	2,9
<b>Per 10 thsd. population</b>										
retail trade entities, units	26	21	19	18	17	16	16	16	15	14
shops' floor space, sq.m	2135	1437	1261	1238	1264	1355	1468	1616	1753	1744
<b>Restaurants</b>										
<b>Total</b>	<b>40,3</b>	<b>33,1</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>	<b>24,9</b>	<b>24,0</b>
in urban areas	29,4	22,9	21,8	20,7	19,9	19,2	18,8	18,2	17,4	16,3
in rural areas	10,9	10,2	8,8	8,2	8,0	8,1	8,0	7,9	7,5	7,7
<b>Per 10 thsd. population</b>										
restaurant entities, units	8	7	6	6	6	6	6	6	5	5
seats	548	392	369	361	358	361	360	361	354	353

**12.22. Consumer goods markets**

(end of year; units)

1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009			
										total	including		
											food products	manufactured goods	mixed goods
1576	1282	2514	2863	2891	2869	2886	2890	2834	2785	2761	398	689	1674

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

(end of year; thsd.)

	Retail trade							Restaurants						
	1990	1995	2000	2005	2007	2008	2009	1990	1995	2000	2005	2007	2008	2009
<b>Ukraine</b>	<b>145,7</b>	<b>133,7</b>	<b>103,2</b>	<b>75,2</b>	<b>71,9</b>	<b>69,2</b>	<b>65,3</b>	<b>62,7</b>	<b>40,3</b>	<b>33,1</b>	<b>27,3</b>	<b>26,1</b>	<b>24,9</b>	<b>24,0</b>
Autonomous Republic of Crimea	6,4	4,8	4,6	3,6	3,5	3,4	3,2	2,4	1,3	1,4	1,7	1,7	1,7	1,5
<b>oblasts</b>														
Vinnitsya	6,4	5,8	4,2	3,3	3,0	2,8	2,7	2,2	1,6	1,0	1,4	1,3	1,3	1,2
Volyn	3,1	3,4	2,4	1,9	1,8	1,7	1,6	1,5	1,2	1,3	1,2	1,0	1,0	1,0
Dnipro-														
petrovsk	8,3	8,1	6,4	5,1	4,7	4,5	4,4	4,2	2,8	2,0	1,6	1,5	1,3	1,3
Donetsk	11,7	10,6	8,9	5,9	6,0	5,7	5,3	5,8	3,7	2,9	2,1	2,0	1,9	1,8
Zhytomyr	5,0	4,6	3,4	2,4	2,3	2,2	2,1	2,0	1,4	1,0	0,7	0,7	0,6	0,6
Zakarpattia	3,8	3,5	2,9	2,1	2,0	1,9	1,7	2,1	1,5	1,2	0,8	0,7	0,6	0,6
Zaporizhzhya	5,0	4,3	3,8	2,8	2,7	2,7	2,5	2,4	1,6	1,3	0,9	0,9	0,8	0,7
Ivano-														
Frankivsk	4,4	4,4	3,0	1,9	1,9	1,8	1,7	2,1	1,6	1,0	0,8	0,8	0,7	0,7
Kyiv	5,4	4,6	3,9	2,9	2,9	2,9	2,8	2,0	1,4	1,3	1,0	0,9	0,9	0,8
Kirovohrad	4,2	3,7	2,8	2,1	2,0	2,0	1,8	1,4	1,0	0,7	0,5	0,5	0,5	0,4
Luhansk	7,4	6,0	4,2	3,0	2,9	2,9	2,8	3,3	1,9	1,3	1,0	0,8	0,8	0,7
Lviv	7,5	8,1	7,3	5,2	4,8	4,5	4,3	3,8	3,2	2,5	2,2	2,1	2,0	1,8
Mykolayiv	4,3	3,9	2,9	2,0	1,9	1,7	1,6	1,5	1,2	1,0	0,8	0,6	0,6	0,5
Odesa	7,7	6,5	5,4	4,0	3,6	3,5	3,4	3,1	1,6	1,4	1,2	1,2	1,1	1,0
Poltava	6,3	5,8	4,2	3,0	2,9	2,8	2,5	2,3	1,5	1,3	0,9	0,8	0,8	0,8
Rivne	3,6	3,4	2,2	1,7	1,7	1,7	1,6	1,5	0,9	0,9	0,7	0,6	0,6	0,6
Sumy	5,1	3,9	3,2	1,8	1,7	1,7	1,5	1,7	0,9	0,7	1,0	1,0	0,9	0,9
Ternopil	3,9	4,3	2,3	1,5	1,3	1,3	1,3	1,6	0,9	0,9	0,6	0,9	0,9	0,9
Kharkiv	7,3	9,0	5,9	4,0	3,9	3,7	3,6	3,6	2,1	2,1	1,5	1,7	1,7	1,7
Kherson	4,0	3,6	2,6	1,9	1,8	1,7	1,5	1,5	1,0	0,8	0,5	0,5	0,4	0,4
Khmelnyskiy	5,4	5,1	3,7	2,5	2,2	2,0	1,9	1,7	1,1	1,1	0,7	0,5	0,5	1,0
Cherkasy	4,6	3,6	3,1	2,1	2,0	1,9	1,9	1,9	1,0	0,9	0,6	0,5	0,4	0,4
Chernivtsi	2,7	2,5	1,7	1,2	1,1	1,0	0,9	1,2	0,8	0,6	0,4	0,3	0,3	0,3
Chernihiv	5,1	4,7	3,8	2,5	2,4	2,3	2,1	1,5	0,9	0,9	0,8	0,7	0,7	0,7
<b>cities</b>														
Kyiv	3,6	3,0	3,6	3,9	4,0	4,1	3,8	2,8	1,1	1,3	1,4	1,5	1,5	1,3
Sevastopol	0,7	0,6	0,8	0,9	0,9	0,8	0,8	0,3	0,2	0,3	0,3	0,4	0,4	0,4

WHOLESALE AND RETAIL TRADE, RESTAURANTS

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

	Floor space of shops, thsd.sq.m							Number of seats in public catering establishments, thsd.						
	1990	1995	2000	2005	2007	2008	2009	1990	1995	2000	2005	2007	2008	2009
<b>Ukraine</b>	<b>11300</b>	<b>10950</b>	<b>7029</b>	<b>6359</b>	<b>7493</b>	<b>8089</b>	<b>8015</b>	<b>4467</b>	<b>2815</b>	<b>1916</b>	<b>1693</b>	<b>1674</b>	<b>1636</b>	<b>1620</b>
Autonomous Republic of Crimea	459	384	268	230	258	283	271	169	91	80	77	76	78	75
<b>oblasts</b>														
Vinnitsya	444	458	246	217	223	213	206	142	101	66	96	91	88	85
Volyn	240	227	147	136	147	145	141	87	80	69	71	65	66	67
Dnipropetrovsk	742	775	543	543	677	709	720	356	228	136	114	107	105	100
Donetsk	1171	1187	756	556	713	796	811	450	299	208	151	149	148	136
Zhytomyr	357	336	238	185	186	202	192	123	92	62	51	49	48	47
Zakarpattia	282	284	182	131	143	172	171	132	81	51	38	33	28	27
Zaporizhzhya	431	401	269	238	321	370	349	170	106	73	55	48	49	43
Ivano-Frankivsk	286	290	158	124	169	174	165	144	102	50	42	41	40	39
Kyiv	437	390	250	207	259	265	269	131	96	78	66	65	61	62
Kirovohrad	310	281	156	131	140	151	143	93	69	43	38	38	34	33
Luhansk	641	596	315	238	297	312	302	244	149	87	73	65	63	59
Lviv	527	518	406	356	426	434	404	259	208	128	118	117	111	104
Mykolayiv	304	312	171	151	236	240	210	102	74	53	38	34	31	30
Odesa	499	482	322	474	423	465	480	222	92	67	65	67	68	67
Poltava	429	394	241	177	238	266	254	151	94	59	55	44	44	42
Rivne	276	284	146	122	166	195	184	98	64	56	46	45	44	42
Sumy	361	293	218	139	142	147	140	119	70	37	65	66	63	61
Ternopil	264	289	137	91	99	129	123	90	53	39	30	50	50	53
Kharkiv	595	566	412	383	484	538	522	289	157	122	92	120	117	118
Kherson	280	289	158	148	167	172	198	99	55	35	25	24	24	22
Khmelnyskiy	404	424	233	187	204	224	202	126	73	59	43	38	38	69
Cherkasy	383	342	225	151	154	208	185	128	73	49	32	31	29	28
Chernivtsi	180	171	103	78	106	105	104	83	49	37	30	25	24	29
Chernihiv	350	319	234	168	168	166	155	92	58	49	41	39	36	36
<b>cities</b>														
Kyiv	411	445	427	714	830	890	995	269	125	108	127	134	137	134
Sevastopol	65	70	68	84	117	118	119	34	22	15	14	13	12	12

### 13. SERVICES

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

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

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

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

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

#### 13.1. Activity of service enterprises, by region

(mln. UAH)

	Services sold <sup>1</sup>							Average number of payroll employees for 2009, persons
	2002 <sup>2</sup>	2004	2005	2006	2007	2008	2009	
<b>Ukraine</b>	<b>46971,0<sup>3</sup></b>	<b>74406,2<sup>4</sup></b>	<b>95832,3<sup>4</sup></b>	<b>120910,2<sup>4</sup></b>	<b>157005,1<sup>3</sup></b>	<b>215801,3<sup>4</sup></b>	<b>224583,6<sup>4</sup></b>	<b>1830657<sup>4</sup></b>
Autonomous Republic of Crimea	2341,0	3639,6	4342,9	5322,4	6681,0	7446,6	7572,7	101511
<b>oblasts</b>								
Vinnitsya	800,4	979,0	1276,2	1629,0	1989,5	3722,7	3623,5	49743
Volyn	398,9	721,1	949,0	1219,7	1590,0	2018,1	1975,4	26205
Dnipropetrovsk	2972,6	4072,4	5059,1	6669,9	8305,3	10281,6	11159,4	142159
Donetsk	3121,6	5305,8	7256,4	9142,3	11807,4	13430,4	13481,0	165971
Zhytomyr	397,2	576,9	755,5	949,4	1188,2	2366,8	2297,7	31100
Zakarpattia	493,7	681,7	924,3	1319,7	1606,5	2060,5	2114,6	31421
Zaporizhzhya	1177,3	1855,1	2265,3	2682,0	3449,7	3947,4	4034,7	62927
Ivano-Frankivsk	688,5	676,4	917,5	1164,7	1614,4	2188,4	2243,6	28930
Kyiv <sup>5</sup>	821,5	1555,4	1992,1	2661,7	3993,4	7725,0	7408,1	58229
Kirovohrad	662,8	1006,6	1253,7	1662,7	2022,5	2606,4	2656,1	31148
Luhansk	1074,3	1549,9	2039,8	2657,0	3429,2	3403,0	3281,1	63401
Lviv	2789,1	3915,9	5280,3	6322,7	7432,5	9959,6	10085,3	113259
Mykolayiv	1051,8	1396,4	1638,4	2187,4	2483,7	4150,9	5198,7	39495
Odesa	5320,7	7523,6	9085,1	10822,7	13296,5	18520,3	21437,4	134132
Poltava	738,2	1028,3	1407,6	1815,3	2461,0	2826,6	2986,6	51839
Rivne	601,5	874,3	1091,7	1392,0	1697,1	2228,8	2293,8	32193
Sumy	458,9	754,6	957,3	1191,5	1562,5	1793,3	1824,1	33830
Ternopil	324,0	500,8	609,2	774,2	967,4	1330,3	1358,4	24237
Kharkiv	2168,5	3689,1	4724,2	6016,0	7607,5	8918,2	9138,7	126889
Kherson	768,1	1163,5	1380,5	1624,3	2043,2	2418,8	2504,6	31944
Khmelnyskiy	457,8	668,7	739,0	896,7	1133,6	1666,3	1601,5	24654

## SERVICES

Table 13.1 continued

	Services sold <sup>1</sup>							Average number of payroll employees for 2009, persons
	2002 <sup>2</sup>	2004	2005	2006	2007	2008	2009	
Cherkasy	661,4	786,3	1038,3	1301,3	1666,6	2979,5	3038,2	29253
Chernivtsi	391,7	481,3	641,7	778,5	1009,7	1204,4	1230,4	18843
Chernihiv cities	418,2	635,9	862,9	1108,7	1311,5	2182,2	2192,2	23528
Kyiv	9565,6	19376,5	27562,6	35897,8	48079,3	74443,0	78312,0	296871
Sevastopol	376,5	588,2	742,7	877,3	1113,2	1278,4	1670,1	13717

<sup>1</sup> Including VAT

<sup>2</sup> In 2002 the survey did not cover R&D organisations

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

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

<sup>5</sup> Volume of services by *International Airlines of Ukraine, Aerosvit, Boryspil International Airport* is not included

In addition, in 2009 the services sold at market prices by budget-funded enterprises (institutions) services rendered by valued at 9907,7 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	2008	2009	2002	2008	2009	2002	2008	2009
<b>Ukraine</b>	<b>13589,6<sup>2</sup></b>	<b>51105,5<sup>3</sup></b>	<b>53920,3<sup>3</sup></b>	<b>28,9</b>	<b>23,7</b>	<b>24,0</b>	<b>282</b>	<b>1132</b>	<b>1171</b>
Autonomous Republic of Crimea	932,5	2877,9	3120,9	39,8	38,6	41,2	456	1565	1569
<b>oblasts</b>									
Vinnitsya	200,7	707,2	793,8	25,1	19,0	21,9	114	444	480
Volyn	189,7	527,4	560,4	47,5	26,1	28,4	179	582	541
Dnipropetrovsk	955,6	2593,1	2952,2	32,1	25,2	26,5	269	870	877
Donetsk	932,8	2982,5	3144,2	29,9	22,2	23,3	194	816	701
Zhytomyr	171,6	503,0	592,9	43,2	21,3	25,8	124	415	460
Zakarpattia	148,4	495,6	526,4	30,1	24,1	24,9	118	473	423
Zaporizhzhya	530,0	1318,1	1459,1	45,0	33,4	36,2	276	811	803
Ivano-Frankivsk	165,0	587,1	647,1	24,0	26,8	28,8	117	471	469
Kyiv <sup>4</sup>	226,9	1082,5	1285,3	27,6	14,0	17,3	125	641	745
Kirovohrad	156,2	468,3	487,1	23,6	18,0	18,3	139	523	476
Luhansk	326,1	1029,7	1066,4	30,4	30,3	32,5	129	544	459
Lviv	811,2	2356,2	2536,8	29,1	23,7	25,2	310	957	994
Mykolayiv	249,3	646,7	726,9	23,7	15,6	14,0	198	607	609
Odesa	892,5	2678,3	2917,5	16,8	14,5	13,6	363	1161	1220
Poltava	263,8	763,1	867,7	35,7	27,0	29,1	163	593	576
Rivne	179,9	471,9	534,8	29,9	21,2	23,3	154	450	464
Sumy	208,1	579,7	654,9	45,4	32,3	35,9	161	585	556
Ternopil	137,4	385,8	424,2	42,4	29,0	31,2	121	383	389
Kharkiv	1033,0	2463,9	2850,8	47,6	27,6	31,2	356	977	1027
Kherson	188,6	585,3	612,3	24,6	24,2	24,4	162	619	559
Khmelnyskiy	219,7	515,4	557,1	48,0	30,9	34,8	154	417	416
Cherkasy	213,7	732,3	802,6	32,3	24,6	26,4	153	595	618
Chernivtsi	168,9	437,7	444,5	43,1	36,3	36,1	184	546	492
Chernihiv cities	149,6	445,6	540,0	35,8	20,4	24,6	121	467	484
Kyiv	2972,8	17859,8	18971,3	31,1	24,0	24,2	1136	5773	6836
Sevastopol	134,9	371,6	396,3	35,8	29,1	23,7	377	1162	1110

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

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

<sup>3</sup> Undistributed by region services rendered by *International Airlines of Ukraine, Aerosvit, Boryspil International Airport*, services on gas supply and educational services are included

<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	2005	2006	2007	2008	2009	2002	2005	2006	2007	2008	2009
<b>Total</b>	<b>46971,0</b>	<b>95832,3</b>	<b>120910,2</b>	<b>157005,1</b>	<b>215801,3</b>	<b>224583,6</b>	<b>13589,6</b>	<b>27376,9</b>	<b>33327,3</b>	<b>41331,0</b>	<b>51105,5</b>	<b>53920,3</b>
of which												
Trade; repair of motor vehicles, household appliances and personal demand items	319,3	656,7	884,9	1376,4	1861,6	1544,7	134,0	221,6	291,9	472,1	665,6	520,8
maintenance and servicing of motor vehicles, motorcycles	242,0	531,0	714,2	1175,8	1601,9	1246,3	90,0	166,4	235,3	408,6	596,0	435,1
repair of household appliances and personal demand items	77,3	125,7	170,7	200,6	259,7	298,4	44,0	55,2	56,6	63,5	69,6	85,7
Hotels and restaurants	790,3	1633,3	2199,0	2964,8	3748,8	3407,5	465,5	1024,8	1362,1	1886,9	2431,4	2241,2
activity of hotels and supply of other places for staying	790,3	1633,3	2199,0	2964,8	3748,8	3407,5	465,5	1024,8	1362,1	1886,9	2431,4	2241,2
Transport and communications	34947,6	63979,3	79239,8	97884,7	128443,7	134011,8	8621,2	17811,1	21762,0	25760,2	30527,7	32697,0
transport	21883,0	34294,9	40473,3	51031,9	69830,8	74491,5	3576,9	7207,2	7537,5	9148,2	13386,2	13551,3
travel services	400,4	963,9	1219,0	1575,4	2508,9	2837,7	191,0	474,1	636,0	872,7	1394,8	1547,3
goods transport management	1028,9	2758,3	3679,8	5063,1	9156,1	8999,6	37,8	20,3	25,6	57,0	77,1	85,8
post and communication services	11635,3	25962,2	33867,7	40214,3	46947,9	47683,0	4815,5	10109,5	13562,9	15682,3	15669,6	17512,6
Real estate transactions, renting, engineering and provision of services to businessmen	6530,3	20055,1	26732,1	39833,5	61477,8	65660,7	1844,5	3164,6	3784,7	5219,9	6837,3	8272,0

SERVICES

Table 13.3 continued

	Services sold <sup>1</sup>						Services sold to the population <sup>1</sup>					
	2002	2005	2006	2007	2008	2009	2002	2005	2006	2007	2008	2009
real estate transactions	2217,0	5152,8	7041,5	10926,8	16618,4	19663,0	1329,6	2270,8	2784,4	3848,7	4800,2	5889,7
renting of machinery and equipment	124,6	722,0	905,5	1478,7	2281,6	1892,8	5,2	11,3	27,2	20,9	28,3	28,7
hiring of household appliances and personal demand items	10,8	11,8	14,4	17,9	30,3	35,9	9,6	6,9	9,6	11,2	20,9	25,2
informatisation activity	466,1	1183,3	1595,6	2476,0	4099,7	5334,6	47,9	139,2	160,6	201,2	222,0	371,1
maintenance, repair of office and computer equipment	80,7	168,3	200,4	265,4	365,2	378,0	2,8	7,0	4,6	4,7	9,7	15,6
research and development <sup>2</sup>	—	1672,3	1969,9	2339,4	3441,0	3416,5	—	32,3	22,5	32,8	72,5	74,7
legal services	652,5	1845,5	2412,2	4273,6	6428,3	7980,1	93,6	66,4	96,2	129,6	174,8	232,8
engineering, geology and land-surveying	1110,5	3246,5	4123,3	6048,0	8550,0	8129,6	168,8	423,4	490,5	708,0	1083,0	1010,6
technical testing and research	163,8	379,0	503,3	615,4	811,6	839,3	7,4	15,8	11,5	15,8	19,4	33,9
advertising	622,5	2857,7	4190,8	4482,4	7789,4	8301,5	13,8	10,8	10,6	17,8	21,3	26,2
recruitment and staffing	50,7	124,6	154,3	264,9	358,4	504,5	12,9	21,5	19,4	22,0	33,8	37,6
making an investigation and safeguarding	507,1	1396,4	1639,1	2411,3	3649,5	4033,5	11,6	33,8	16,7	39,5	98,6	121,2
cleaning of industrial and residential premises, equipment and means of transport	16,1	102,8	144,9	190,0	415,8	500,5	1,0	4,7	13,1	12,9	13,9	17,7
photography	40,2	39,8	35,0	26,1	22,4	22,7	32,8	33,3	28,1	20,3	15,7	14,6
packing	8,2	35,6	46,0	47,0	46,9	62,4	0,1	0,0	3,7	1,2	0,1	0,1



# SERVICES

Table 13.3 continued

	Services sold <sup>1</sup>						Services sold to the population <sup>1</sup>					
	2002	2005	2006	2007	2008	2009	2002	2005	2006	2007	2008	2009
provision of secretarial and translation services	10,4	16,5	21,8	28,2	76,6	70,9	5,3	2,4	2,2	2,4	4,2	4,3
provision of other commercial services	449,1	1100,2	1734,1	3942,4	6492,7	4494,9	102,1	85,0	83,8	130,9	218,9	368,0
Education	1156,2	1940,4	1896,2	2321,1	2923,4	3136,5	1014,1	1736,6	1676,0	2014,5	2589,4	2822,1
Health care and provision of social aid	1345,9	2511,0	2962,8	3706,9	5259,5	5988,9	563,6	1175,1	1458,8	1911,5	2679,9	3216,4
health care of human beings	1317,4	2485,7	2954,1	3698,5	5246,3	5967,3	543,2	1161,2	1453,5	1905,5	2671,2	3205,1
veterinary activity	28,0	24,5	8,3	8,0	12,5	19,5	20,1	13,1	4,9	5,6	8,0	10,4
provision of social aid	0,5	0,8	0,4	0,4	0,7	2,0	0,3	0,8	0,4	0,4	0,7	0,9
Provision of communal and individual services; cultural and sporting activity	1881,4	5056,5	6995,4	8917,7	12086,5	10833,5	946,7	2243,1	2991,8	4065,9	5374,2	4150,8
sanitary services, street cleaning and refuse disposal	477,6	891,5	1089,1	1509,7	2126,0	2538,3	86,3	135,8	187,2	278,9	421,4	647,8
cultural, sporting, recreational and entertainment activities	1003,1	3546,1	5235,6	6636,9	8949,5	7262,4	589,4	1670,6	2314,7	3235,3	4269,8	2783,8
provision of individual services	365,8	581,9	654,8	754,5	984,6	1006,8	265,9	434,6	487,8	550,6	681,7	717,8

<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	2005	2006	2007	2008	2009	2002	2005	2006	2007	2008	2009
<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	0,7	0,7	0,9	0,9	0,7	1,0	0,8	0,9	1,2	1,3	1,0
maintenance and servicing of motor vehicles, motorcycles	0,5	0,6	0,6	0,8	0,8	0,6	0,7	0,6	0,7	1,0	1,2	0,8
repair of household appliances and personal demand items	0,2	0,1	0,1	0,1	0,1	0,1	0,3	0,2	0,2	0,2	0,1	0,2
Hotels and restaurants	1,7	1,7	1,8	1,9	1,7	1,5	3,4	3,7	4,1	4,6	4,8	4,2
activity of hotels and supply of other places for staying	1,7	1,7	1,8	1,9	1,7	1,5	3,4	3,7	4,1	4,6	4,8	4,2
Transport and communications	74,4	66,8	65,6	62,3	59,5	59,7	63,4	65,0	65,3	62,3	59,7	60,6
transport	46,6	35,8	33,5	32,5	32,4	33,2	26,3	26,3	22,6	22,2	26,2	25,1
travel services	0,8	1,0	1,0	1,0	1,2	1,3	1,4	1,7	1,9	2,1	2,7	2,9
goods transport management	2,2	2,9	3,1	3,2	4,2	4,0	0,3	0,1	0,1	0,1	0,2	0,2
post and communication services	24,8	27,1	28,0	25,6	21,7	21,2	35,4	36,9	40,7	37,9	30,6	32,4
Real estate transactions, renting, engineering and provision of services to businessmen	13,9	21,0	22,0	25,3	28,5	29,2	13,6	11,5	11,3	12,6	13,4	15,3
real estate transactions	4,7	5,4	5,8	6,9	7,7	8,8	9,8	8,3	8,3	9,3	9,4	10,9
renting of machinery and equipment	0,3	0,8	0,8	0,9	1,1	0,8	0,0	0,0	0,1	0,1	0,1	0,1
hiring of household appliances and personal demand items	0,0	0,0	0,0	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,0	0,1
informatisation activity	1,0	1,2	1,3	1,6	1,9	2,4	0,4	0,5	0,5	0,5	0,5	0,7
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>	—	1,8	1,6	1,5	1,6	1,5	—	0,1	0,1	0,1	0,2	0,1
legal services	1,4	1,9	2,0	2,7	3,0	3,6	0,7	0,3	0,3	0,3	0,4	0,4

SERVICES

Table 13.4 continued

	Services sold						Services sold to the population					
	2002	2005	2006	2007	2008	2009	2002	2005	2006	2007	2008	2009
engineering, geology and land-surveying	2,4	3,4	3,4	3,9	3,9	3,6	1,2	1,6	1,5	1,7	2,1	1,9
technical testing and research	0,3	0,4	0,4	0,4	0,4	0,4	0,1	0,1	0,0	0,0	0,0	0,1
advertising	1,3	3,0	3,5	2,9	3,6	3,7	0,1	0,0	0,0	0,0	0,0	0,0
recruitment and staffing	0,1	0,1	0,1	0,2	0,2	0,2	0,1	0,1	0,1	0,1	0,1	0,1
making an investigation and safeguarding	1,1	1,5	1,4	1,5	1,7	1,8	0,1	0,1	0,1	0,1	0,2	0,2
cleaning of industrial and residential premises, equipment and means of transport	0,0	0,1	0,1	0,1	0,2	0,2	0,0	0,0	0,0	0,0	0,0	0,0
photography	0,1	0,0	0,0	0,0	0,0	0,0	0,2	0,1	0,1	0,1	0,0	0,0
packing	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
provision of secretarial and translation services	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
provision of other commercial services	1,0	1,2	1,4	2,5	3,0	2,0	0,8	0,3	0,2	0,3	0,4	0,7
Education	2,4	2,0	1,6	1,5	1,4	1,4	7,5	6,4	5,0	4,9	5,1	5,2
Health care and provision of social aid	2,9	2,6	2,5	2,4	2,4	2,7	4,1	4,4	4,4	4,6	5,2	6,0
activity in health care of human beings	2,8	2,6	2,5	2,4	2,4	2,7	4,0	4,3	4,4	4,6	5,2	6,0
veterinary activity	0,1	0,0	0,0	0,0	0,0	0,0	0,1	0,1	0,0	0,0	0,0	0,0
provision of social aid	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Provision of communal and individual services; cultural and sporting activity	4,0	5,2	5,8	5,7	5,6	4,8	7,0	8,2	9,0	9,8	10,5	7,7
sanitary services, street cleaning and refuse disposal	1,0	0,9	0,9	1,0	1,0	1,1	0,6	0,5	0,6	0,7	0,8	1,2
cultural, sporting, recreational and entertainment activities	2,1	3,7	4,3	4,2	4,1	3,2	4,3	6,1	6,9	7,8	8,4	5,2
provision of individual services	0,8	0,6	0,6	0,5	0,5	0,5	2,0	1,6	1,5	1,3	1,3	1,3

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

## 14. DEVELOPMENT OF SMALL BUSINESS

**Small enterprises** (in accordance with Ukraine's Law for *The changes in the Legal Acts of Ukraine on Business activity issues* from 18.09.2008 № 523-VI) are business entities of any organisational and legal form where the average number of employees doesn't exceed 50 persons during the reference period while the amount of gross income from the sold products (operations, services) for the same period doesn't surpass 70 mln. UAH.

**Number of the employed workers** includes regular employees, those not on the permanent staff and unpaid (owners, founders of an enterprises and members of their families) employees of an enterprise.

**Number of the payroll employees** incorporates regular employees and those not on the permanent staff (working under contracts and in more than one job) at an enterprise.

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

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

**Material costs** are identified as materials, semi-processed and inventory materials, fuel, energy, construction materials, spare parts,

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

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

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

**Labour costs** are wages (salaries) by base wages (salaries) and tariffs, premiums, welfare payments, bonuses, compensations, vacation pays and other remunerations for time not worked as well as other 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 production materials: raw and direct mandatory

# DEVELOPMENT OF SMALL BUSINESS

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.

Information for 2008 is updated taking into account the changes of the major type of economic activity of enterprises.

The information for 2009 is detailed by type of economic activities; it is resulted without taking into account changes of the major type of economic activity of enterprises.

## 14.1. Basic indicators for small enterprises<sup>1</sup>

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Small enterprises per 10 thsd. present population	44	48	53	57	60	63	72	76	72	75
Number of employees of small enterprises thsd.	1709,8	1807,6	1918,5	2034,2	1928,0	1834,2	2158,5	2154,3	2156,8	2067,8
number of employees per one enterprise, persons	8	8	8	7	7	6	6	6	7	6
percentage of total employees at enterprises (business entities)	15,1	17,1	18,9	20,9	20,2	19,6	23,5	23,7	24,3	25,2
Volume of products (operations, services) sold, mln. UAH	43810,1	47165,7	49394,2	65202,1	74363,5	82936,7	357252,6	436247,8	492378,7	455431,2
percentage to volume of total products (operations, services) sold	8,1	7,1	6,7	6,6	5,3	5,5	18,8	18,1	16,3	16,6
Profit from usual activity before taxation, mln. UAH	4655,8	3612,0	3495,1	4161,2	6051,8	7066,9	19024,3	25561,8	32018,9	32952,8
percentage to total profit from usual activity before taxation	12,9	9,1	9,3	9,1	8,2	7,9	17,2	14,0	16,5	22,9
Loss from usual activity before taxation, mln. UAH	3618,6	3706,7	4278,3	5394,8	7395,9	7595,9	13837,2	19862,7	69501,1	54162,7
percentage to total loss from usual activity before taxation	16,3	17,6	18,8	20,6	25,4	30,6	40,2	42,2	37,6	29,0
Share of the number of loss-making enterprises, percentage to total number of enterprises	36,6	38,1	38,2	37,1	35,5	35,2	33,7	32,8	37,3	39,9

<sup>1</sup> Excluding banks and farms; data for the period of 2006–2009 are compiled in accordance with Ukraine's Law for *The changes in the Legal Acts of Ukraine on the regulations of Business activity issues* from 18.09.2008 № 523-VI

## DEVELOPMENT OF SMALL BUSINESS

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>44</b>	<b>48</b>	<b>53</b>	<b>57</b>	<b>60</b>	<b>63</b>	<b>72</b>	<b>76</b>	<b>72</b>	<b>75</b>
Autonomous Republic of Crimea	44	54	61	69	71	73	82	86	81	83
<b>oblasts</b>										
Vinnitsya	29	30	37	42	44	46	49	50	44	46
Volyn	33	35	39	43	45	45	49	50	45	47
Dnipropetrovsk	37	43	48	53	54	56	68	72	69	71
Donetsk	50	51	53	55	55	56	61	63	54	55
Zhytomyr	37	41	42	44	45	45	49	50	45	51
Zakarpattia	46	51	52	52	60	63	64	63	51	57
Zaporizhzhya	41	45	51	56	58	62	69	75	74	77
Ivano-Frankivsk	43	46	48	52	52	54	57	58	54	57
Kyiv	32	36	43	48	50	57	70	77	72	76
Kirovohrad	38	44	45	49	50	51	56	58	53	55
Luhansk	34	36	39	41	42	43	49	52	49	49
Lviv	51	53	56	59	62	63	72	76	75	79
Mykolayiv	53	57	60	62	63	64	72	77	68	71
Odesa	38	43	48	54	58	62	74	80	82	88
Poltava	37	40	44	47	48	49	57	61	60	63
Rivne	31	34	36	40	41	43	45	46	41	46
Sumy	37	41	44	45	47	48	52	52	51	52
Ternopil	26	30	32	37	38	39	42	45	39	44
Kharkiv	45	52	56	59	63	66	75	80	81	83
Kherson	64	49	52	53	54	55	60	62	53	57
Khmelnyskiy	31	34	36	40	42	44	49	51	45	48
Cherkasy	35	36	38	42	43	44	48	51	51	55
Chernivtsi	32	39	40	41	43	45	49	51	44	50
Chernihiv	27	28	35	40	41	43	47	50	50	52
<b>cities</b>										
Kyiv	117	130	151	167	180	196	240	267	243	259
Sevastopol	54	55	56	64	67	72	77	87	87	87

## DEVELOPMENT OF SMALL BUSINESS

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

(thsd.)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>2158,5</b>	<b>2154,3</b>	<b>2156,8</b>	<b>2067,8</b>
Agriculture, hunting, forestry	110,9	130,7	143,7	162,5	164,9	162,0	161,2	151,6	145,7	142,7
Industry	362,9	389,1	422,5	446,8	402,7	373,4	409,7	394,1	381,5	366,2
Construction	198,2	217,0	219,2	232,4	222,5	209,4	246,4	261,9	267,2	250,3
Trade; repair of motor vehicles, household appliances and personal demand items	572,9	527,5	494,7	473,9	418,9	375,4	572,6	562,5	554,6	531,4
Hotels and restaurants	69,5	72,9	76,9	77,6	75,3	71,5	73,9	71,5	71,6	69,0
Transport and communications	77,6	88,3	100,6	110,2	106,7	102,8	118,4	122,2	125,9	122,0
Financial activity	11,9	12,9	13,7	14,3	14,4	15,7	21,5	24,3	24,5	24,5
Real estate transactions, renting, engineering and provision of services to businessmen	181,2	228,3	291,8	349,3	358,0	365,1	415,3	436,1	458,0	436,1
Education	21,2	23,8	26,3	27,6	27,3	26,8	15,6	15,1	15,2	15,2
Health care and provision of social aid	17,8	21,0	23,6	26,9	28,3	29,0	29,9	31,3	32,8	33,0
Provision of communal and individual services; cultural and sporting activity	80,1	90,3	98,5	105,2	101,7	95,9	87,6	79,4	75,4	72,8

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

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>23,5</b>	<b>23,7</b>	<b>24,3</b>	<b>25,2</b>
Agriculture, hunting, forestry	4,4	6,0	7,4	9,9	11,9	13,5	16,1	17,3	18,4	19,7
Industry	8,1	9,1	10,4	11,3	10,2	9,5	10,6	10,7	10,8	11,5
Construction	28,4	33,2	34,8	36,7	33,9	31,8	36,9	38,5	40,9	47,9
Trade; repair of motor vehicles, household appliances and personal demand items	50,8	48,6	45,8	43,9	38,4	33,4	47,6	43,4	41,3	42,5
Hotels and restaurants	55,5	57,9	61,2	62,4	60,3	57,5	54,3	51,0	50,7	51,5
Transport and communications	6,6	7,6	8,8	9,8	9,6	9,3	10,7	10,8	11,1	11,2
Financial activity	7,0	26,6	28,2	30,2	28,0	25,8	31,6	29,1	27,1	30,7
Real estate transactions, renting, engineering and provision of services to businessmen	28,0	33,8	40,6	46,1	46,5	46,0	50,2	51,3	52,3	49,4
Education	40,8	41,7	36,7	37,8	35,3	34,0	40,4	41,0	42,0	43,8
Health care and provision of social aid	25,7	29,2	31,9	32,4	32,4	33,2	34,3	35,3	36,2	36,4
Provision of communal and individual services; cultural and sporting activity	43,3	47,9	51,0	54,7	52,1	49,1	48,0	43,0	39,2	37,9



## DEVELOPMENT OF SMALL BUSINESS

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

	Number of employees, thsd.							Employment rate at small enterprises, percent of the total population of working ages						
	2000	2004	2005	2006	2007	2008	2009	2000	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>1709,8</b>	<b>1928,0</b>	<b>1834,2</b>	<b>2158,5</b>	<b>2154,3</b>	<b>2156,8</b>	<b>2067,8</b>	<b>6,1</b>	<b>6,8</b>	<b>6,5</b>	<b>7,7</b>	<b>7,7</b>	<b>7,7</b>	<b>7,5</b>
Autonomous Republic of Crimea	65,5	82,3	79,2	88,2	87,0	86,4	82,7	5,4	6,7	6,5	7,2	7,2	7,2	6,9
<b>oblasts</b>														
Vinnitsya	52,0	57,3	54,3	56,9	54,5	55,0	52,3	5,4	5,9	5,6	5,9	5,7	5,8	5,5
Volyn	32,7	35,8	32,8	36,9	36,7	36,2	35,4	5,6	5,9	5,4	6,0	6,0	5,9	5,8
Dnipropetrovsk	107,9	122,8	115,9	149,2	147,6	146,3	138,5	5,2	5,9	5,5	7,1	7,1	7,1	6,8
Donetsk	149,9	162,0	149,6	171,6	168,6	169,3	159,4	5,3	5,7	5,3	6,1	6,1	6,2	5,9
Zhytomyr	43,6	53,1	49,0	52,9	51,3	50,9	48,8	5,7	6,9	6,4	6,9	6,8	6,7	6,5
Zakarpattia	41,7	39,9	36,7	38,7	38,3	38,4	37,1	5,7	5,3	4,9	5,1	5,0	5,1	4,9
Zaporizhzhya	65,5	71,6	69,7	84,5	83,0	82,2	77,8	5,8	6,3	6,1	7,5	7,4	7,4	7,1
Ivano-Frankivsk	47,7	46,5	42,2	43,6	42,5	42,6	40,8	6,0	5,7	5,2	5,3	5,1	5,1	4,9
Kyiv	60,7	71,5	70,5	85,8	87,7	89,4	85,6	5,8	6,8	6,7	8,2	8,4	8,6	8,3
Kirovohrad	34,5	35,0	33,7	37,7	36,4	34,8	33,3	5,5	5,7	5,5	6,2	6,0	5,8	5,6
Luhansk	68,9	72,0	66,9	75,2	73,7	72,1	69,2	4,6	4,9	4,5	5,1	5,1	5,0	4,9
Lviv	124,3	126,6	119,2	131,0	128,4	125,8	123,2	8,3	8,3	7,8	8,5	8,3	8,2	8,0
Mykolayiv	47,7	49,3	45,4	51,4	50,8	50,5	48,8	6,4	6,6	6,1	6,9	6,9	6,9	6,7
Odesa	86,9	100,4	98,1	117,8	119,1	120,1	117,1	6,0	6,9	6,7	8,1	8,1	8,2	8,1
Poltava	55,8	60,9	55,1	61,2	59,1	58,2	55,4	6,1	6,7	6,1	6,8	6,6	6,5	6,2
Rivne	37,2	40,3	38,9	39,8	38,5	37,6	36,7	5,7	5,9	5,7	5,8	5,6	5,5	5,4
Sumy	44,5	45,8	42,2	44,6	43,7	43,0	41,6	6,0	6,2	5,8	6,1	6,1	6,0	5,9
Ternopil	31,1	37,7	35,2	37,1	36,0	34,7	33,7	5,0	5,9	5,5	5,8	5,6	5,4	5,2
Kharkiv	111,3	133,0	126,7	144,1	142,2	140,2	133,9	6,4	7,6	7,2	8,2	8,2	8,1	7,8
Kherson	35,1	38,3	36,9	41,7	40,1	39,5	38,1	5,1	5,6	5,4	6,1	5,9	5,9	5,7
Khmelnyskiy	41,8	49,0	47,0	50,3	47,2	45,5	43,7	5,3	6,2	6,0	6,4	6,0	5,8	5,6
Cherkasy	37,6	45,0	42,4	46,8	46,4	46,2	45,1	4,9	5,8	5,5	6,1	6,1	6,1	6,0
Chernivtsi	29,6	29,0	28,0	29,5	28,4	27,5	27,0	5,7	5,4	5,2	5,5	5,3	5,1	5,0
Chernihiv	37,9	44,0	40,4	43,0	42,2	41,5	39,6	5,7	6,6	6,1	6,6	6,5	6,5	6,2
<b>cities</b>														
Kyiv	202,6	259,7	259,9	378,8	403,7	420,6	401,6	12,1	14,8	14,8	21,4	22,7	23,6	22,6
Sevastopol	15,8	19,2	18,3	20,2	21,2	22,3	21,4	6,8	8,2	7,8	8,6	9,1	9,6	9,2

## DEVELOPMENT OF SMALL BUSINESS

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>23,5</b>	<b>23,7</b>	<b>24,3</b>	<b>25,2</b>
Autonomous Republic of Crimea	17,5	21,0	23,5	26,3	25,8	25,8	29,2	29,1	30,0	31,1
<b>oblasts</b>										
Vinnitsya	13,3	15,0	16,9	20,2	21,2	22,0	25,1	25,6	28,0	29,3
Volyn	16,4	18,3	21,2	24,9	24,7	23,1	26,3	26,0	25,9	28,3
Dnipropetrovsk	11,5	12,4	13,7	15,0	14,2	13,4	17,1	17,1	17,5	18,0
Donetsk	11,9	12,6	14,0	15,5	14,7	13,6	15,6	15,6	16,1	16,9
Zhytomyr	14,8	17,3	19,3	22,7	24,2	24,3	28,4	29,6	31,4	33,0
Zakarpattia	24,6	28,1	31,0	34,2	31,5	30,4	33,3	33,0	34,0	35,8
Zaporizhzhya	13,9	15,2	16,9	18,3	17,4	17,3	21,4	21,5	22,0	23,0
Ivano-Frankivsk	23,9	27,7	31,3	34,8	33,9	32,0	34,1	34,6	34,9	38,7
Kyiv	17,1	19,5	21,3	22,5	21,6	21,5	26,5	27,0	27,3	27,5
Kirovohrad	16,1	19,3	20,5	23,8	22,5	24,5	29,0	29,5	30,2	31,3
Luhansk	12,3	13,3	14,8	15,6	15,3	14,7	17,0	17,1	17,1	17,9
Lviv	21,1	23,3	25,4	27,4	26,6	25,3	28,4	28,1	28,0	29,5
Mykolayiv	17,5	20,7	22,1	24,9	23,9	23,4	27,9	29,5	30,5	31,8
Odesa	16,8	18,7	20,3	22,5	22,4	22,4	27,1	27,6	28,0	29,3
Poltava	14,6	17,2	19,3	21,5	19,9	18,8	21,9	21,9	22,2	22,9
Rivne	17,8	20,3	23,3	26,0	26,2	26,6	29,1	30,2	30,9	33,2
Sumy	14,6	16,4	18,5	21,1	20,4	20,5	24,0	25,1	26,1	27,9
Ternopil	15,1	18,9	24,0	28,6	29,4	29,3	32,9	33,7	33,7	35,9
Kharkiv	16,8	19,5	21,7	23,2	22,6	22,0	25,8	26,1	26,3	27,4
Kherson	14,6	17,8	21,4	25,1	25,8	25,9	30,9	31,3	32,3	34,0
Khmelnyskiy	13,0	15,2	17,7	22,5	23,0	24,1	29,2	29,8	30,9	32,7
Cherkasy	11,9	14,4	16,9	21,1	20,5	20,5	23,5	24,4	25,2	27,5
Chernivtsi	20,7	25,2	29,1	32,3	32,1	32,4	36,1	36,5	37,4	38,9
Chernihiv	15,0	16,9	19,2	23,1	23,0	22,4	25,5	26,4	27,8	30,2
<b>cities</b>										
Kyiv	14,6	16,5	17,4	17,9	17,1	16,1	22,8	23,1	23,6	23,6
Sevastopol	25,2	28,4	29,7	33,7	32,0	30,2	34,9	37,6	38,7	39,1

## DEVELOPMENT OF SMALL BUSINESS

**14.7. Number of employees at small enterprises in 2009,  
by type of economic activity and region**

(thsd.)

	Total	By type of economic activity							
		agriculture, hunting, forestry	industry	const- ruction	trade; repair of motor vehicles, household appliances and personal demand items	hotels and restau- rants	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>2067,8</b>	<b>142,7</b>	<b>366,2</b>	<b>250,3</b>	<b>531,4</b>	<b>69,0</b>	<b>122,0</b>	<b>436,1</b>	<b>72,8</b>
Autonomous Republic of Crimea	82,7	5,3	11,8	10,9	17,6	6,0	6,2	17,6	4,0
<b>oblasts</b>									
Vinnitsya	52,3	6,5	10,3	6,0	12,3	0,9	3,1	9,1	2,0
Volyn	35,4	4,4	6,1	4,1	9,2	1,6	2,2	5,6	1,2
Dnipropetrovsk	138,5	7,5	23,0	18,3	42,1	3,3	7,6	27,2	4,5
Donetsk	159,4	6,2	24,8	19,9	43,0	5,8	9,3	38,4	6,2
Zhytomyr	48,8	8,0	12,2	5,0	10,9	0,9	2,4	6,6	1,7
Zakarpattia	37,1	1,8	9,3	4,3	8,2	2,2	2,5	6,8	1,1
Zaporizhzhya	77,8	6,5	13,7	10,3	20,4	3,6	5,0	13,2	2,2
Ivano-Frankivsk	40,8	2,5	9,1	6,6	9,6	1,5	1,9	6,5	1,5
Kyiv	85,6	8,0	19,2	11,8	20,9	2,3	5,0	13,2	2,9
Kirovohrad	33,3	6,5	6,4	3,5	6,8	0,7	1,8	5,6	1,3
Luhansk	69,2	4,6	14,4	8,8	17,1	1,5	4,1	13,9	2,6
Lviv	123,2	5,1	24,7	15,0	35,2	6,5	7,4	20,5	4,7
Mykolayiv	48,8	6,5	8,5	6,1	9,4	1,9	3,3	10,0	1,6
Odesa	117,1	8,9	16,0	12,4	26,5	4,6	12,6	26,4	5,4
Poltava	55,4	5,4	10,9	7,7	12,8	1,5	3,4	10,5	1,7
Rivne	36,7	3,6	8,1	6,0	8,6	1,0	2,0	5,7	0,8
Sumy	41,6	5,6	7,9	5,2	10,0	1,0	1,8	8,0	1,2
Ternopil	33,7	6,0	7,8	3,1	6,3	0,9	1,5	5,7	1,5
Kharkiv	133,9	6,6	28,9	13,5	34,2	3,6	5,2	32,8	4,5
Kherson	38,1	4,7	6,8	4,1	9,5	1,4	1,9	6,1	1,8
Khmelnyskiy	43,7	5,5	10,2	5,1	10,1	1,3	2,3	6,5	1,3
Cherkasy	45,1	6,4	9,3	5,9	9,8	1,0	2,3	7,0	1,7
Chernivtsi	27,0	2,2	5,8	3,2	7,2	1,0	1,6	4,1	1,2
Chernihiv	39,6	7,0	7,6	4,4	9,2	1,1	2,4	5,5	1,6
<b>cities</b>									
Kyiv	401,6	1,2	49,5	46,1	119,1	11,0	21,8	119,2	11,9
Sevastopol	21,4	0,2	3,9	3,0	5,4	0,9	1,4	4,4	0,7

## DEVELOPMENT OF SMALL BUSINESS

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

(mln. UAH)

	2000	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>43810,1</b>	<b>65202,1</b>	<b>74363,5</b>	<b>82936,7</b>	<b>357252,6</b>	<b>436247,8</b>	<b>492378,7</b>	<b>455431,2</b>
Agriculture, hunting, forestry	1087,2	2070,6	2919,9	3559,9	5844,4	7671,6	10274,4	13575,3
Industry	5807,8	9052,2	10647,9	11772,2	31292,8	38504,3	45561,8	44274,3
Construction	2974,3	6089,8	7724,0	8863,4	25211,3	37588,2	42242,3	33340,2
Trade; repair of motor vehicles, household appliances and personal demand items	27747,7	32671,8	34545,9	36186,0	239181,2	275624,9	305302,8	273920,1
Hotels and restaurants	653,4	1090,3	1359,7	1558,4	2116,4	2703,1	3231,8	3252,3
Transport and communications	1493,7	2770,5	3523,6	4076,8	10934,6	13961,6	16710,0	17722,8
Financial activity	398,9	2382,2	2105,8	2454,3	9055,0	13294,6	7987,6	8211,4
Real estate transactions, renting, engineering and provision of services to businessmen	2833,7	7285,5	9307,9	11765,1	29645,5	42320,0	55536,5	55473,9
Education	145,1	286,1	341,4	421,5	370,9	471,7	612,1	572,4
Health care and provision of social aid	138,0	310,3	379,3	485,5	692,2	927,1	1233,7	1326,4
Provision of communal and individual services; cultural and sporting activity	486,6	1121,5	1417,5	1682,9	2738,4	3069,2	3550,8	3584,0

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

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>18,8</b>	<b>18,1</b>	<b>16,3</b>	<b>16,6</b>
Agriculture, hunting, forestry	5,6	7,2	8,2	9,1	9,2	9,9	18,0	17,2	16,6	17,1
Industry	2,8	2,8	3,0	2,9	2,4	2,3	5,1	5,0	4,6	5,1
Construction	21,9	23,5	21,2	19,8	15,7	15,7	33,0	33,0	33,5	37,7
Trade; repair of motor vehicles, household appliances and personal demand items	12,3	8,7	7,7	7,1	5,4	5,6	27,3	25,0	22,7	23,3
Hotels and restaurants	38,9	33,5	37,9	40,1	36,3	36,4	37,2	35,2	32,3	33,2
Transport and communications	3,9	4,1	4,4	5,2	5,1	4,7	10,9	10,9	10,2	10,1
Financial activity	3,5	6,4	5,1	11,7	3,9	4,0	8,6	10,9	6,4	7,5
Real estate transactions, renting, engineering and provision of services to businessmen	24,9	20,3	10,5	10,9	11,7	13,2	37,2	41,2	32,4	26,7
Education	30,4	31,9	27,1	26,1	25,7	25,4	36,5	38,5	40,4	34,9
Health care and provision of social aid	16,9	15,8	16,3	18,0	18,7	19,3	24,7	26,0	25,0	23,8
Provision of communal and individual services; cultural and sporting activity	11,3	12,5	13,2	10,7	7,1	14,1	30,4	25,0	23,2	24,7

## DEVELOPMENT OF SMALL BUSINESS

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

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>43810,1</b>	<b>49394,2</b>	<b>65202,1</b>	<b>74363,5</b>	<b>82936,7</b>	<b>357252,6</b>	<b>436247,8</b>	<b>492378,7</b>	<b>455431,2</b>
Autonomous Republic of Crimea	1386,6	1850,5	2167,1	2566,6	2788,9	9452,7	11089,2	12046,0	11589,5
<b>oblasts</b>									
Vinnitsya	931,8	1068,9	1269,1	1491,4	1688,9	5504,5	6405,7	7912,4	7526,0
Volyn	576,7	653,3	883,0	986,3	1041,7	3471,2	4060,3	4874,5	4322,2
Dnipropetrovsk	3519,0	4141,6	6191,2	6539,6	6502,4	37217,9	42509,8	45933,4	40824,7
Donetsk	4631,4	4698,2	6083,6	6574,0	7201,4	29817,4	35448,2	41298,8	35034,2
Zhytomyr	791,9	878,6	1049,7	1310,5	1443,1	4003,6	4840,5	6292,5	5746,4
Zakarpattia	654,1	731,7	895,2	1005,9	1188,8	2974,3	3546,2	4548,5	3953,9
Zaporizhzhya	1986,5	2167,3	2690,5	3098,5	3488,5	14142,3	16612,3	17686,1	15862,0
Ivano-Frankivsk	816,2	891,3	1091,3	1269,1	1414,3	3796,4	4722,4	5403,9	5269,2
Kyiv	1332,1	1691,4	2378,1	2591,7	3198,6	15203,4	18941,8	20921,5	19362,7
Kirovohrad	660,7	840,5	1021,8	1172,8	1288,5	4922,3	5637,6	6906,4	6446,1
Luhansk	1751,9	1974,1	2338,3	2638,4	2908,6	13311,2	14145,9	15525,3	13528,6
Lviv	2310,8	2584,4	3069,8	3520,6	3990,1	12671,0	15218,6	17250,7	16260,3
Mykolayiv	1092,1	1245,7	1507,0	1759,5	1928,6	8836,1	8971,1	9924,8	9792,3
Odesa	2071,8	2535,8	3025,5	3645,5	4181,8	22330,3	26480,1	31365,9	29063,1
Poltava	1306,6	1511,6	1856,5	2065,0	2206,6	9594,1	10938,8	12566,3	11675,6
Rivne	653,0	704,2	883,2	1026,7	1206,2	3106,7	3883,7	4308,5	3942,9
Sumy	964,0	1047,6	1211,1	1378,3	1474,0	3756,7	4855,5	5782,9	5292,3
Ternopil	473,2	548,1	715,5	843,6	922,4	2311,5	2997,7	3551,9	3653,1
Kharkiv	2758,5	3377,8	3983,4	4686,6	5289,5	20977,9	25528,2	28271,4	26641,3
Kherson	831,1	856,2	1010,5	1243,6	1366,1	6034,9	7148,4	8031,3	8114,3
Khmelnyskiy	758,3	813,4	1009,1	1197,4	1360,5	4013,5	5251,3	6112,2	5421,6
Cherkasy	829,1	1013,5	1307,6	1480,1	1688,9	5547,9	6527,4	7716,1	7176,4
Chernivtsi	446,0	515,7	622,3	701,7	844,1	2428,1	3213,9	3383,2	2934,5
Chernihiv	647,2	747,2	952,0	1086,5	1218,1	3650,8	4379,8	5062,2	4849,4
<b>cities</b>									
Kyiv	9218,4	9872,4	15436,0	17824,0	20400,8	105551,4	139404,9	156169,8	147567,2
Sevastopol	411,1	433,2	553,7	659,6	705,3	2624,5	3488,5	3532,2	3581,4

## DEVELOPMENT OF SMALL BUSINESS

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

	<i>(percent)</i>									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>18,8</b>	<b>18,1</b>	<b>16,3</b>	<b>16,6</b>
Autonomous Republic of Crimea	14,1	14,6	14,8	14,3	13,4	11,9	31,7	29,4	25,4	25,0
<b>oblasts</b>										
Vinnitsya	13,0	12,6	12,6	11,4	10,6	10,1	26,5	24,8	25,6	24,3
Volyn	5,8	5,0	4,2	6,7	4,1	4,7	15,7	13,4	10,6	10,5
Dnipropetrovsk	5,0	4,2	4,6	4,9	3,5	3,2	15,6	15,2	13,2	13,6
Donetsk	5,4	4,8	4,4	4,1	2,8	3,3	11,3	10,8	10,0	10,4
Zhytomyr	14,5	13,2	10,8	10,8	6,9	12,5	27,5	25,0	28,4	28,0
Zakarpattia	22,9	19,8	18,1	14,2	9,2	11,2	25,1	22,7	23,9	24,3
Zaporizhzhya	8,1	7,1	7,3	6,7	5,3	5,5	19,4	17,0	15,1	17,8
Ivano-Frankivsk	14,8	13,8	13,2	9,3	7,3	9,4	17,4	21,8	21,5	21,3
Kyiv	10,2	9,2	8,1	8,0	5,7	6,2	24,7	22,2	19,4	17,8
Kirovohrad	14,9	15,6	14,3	13,3	10,8	12,0	39,1	34,8	33,1	31,1
Luhansk	7,7	6,2	4,8	4,5	3,9	4,6	19,9	17,1	14,6	15,3
Lviv	12,7	10,9	10,0	8,3	7,8	8,4	21,7	21,2	19,2	19,0
Mykolayiv	14,3	13,2	10,3	10,5	8,7	7,3	28,2	25,6	25,8	22,7
Odesa	10,6	9,7	8,0	7,7	7,3	7,1	32,4	30,0	25,2	23,4
Poltava	9,3	8,6	8,3	7,7	5,0	5,7	19,5	16,1	17,3	17,1
Rivne	15,6	12,6	11,6	11,0	8,7	8,8	17,5	19,0	18,9	23,1
Sumy	11,5	9,9	9,2	11,9	10,7	10,7	26,2	26,6	25,2	22,3
Ternopil	15,6	16,1	15,6	16,1	12,8	13,1	27,2	27,0	23,9	21,6
Kharkiv	11,4	10,5	9,7	7,2	6,3	6,9	22,3	21,0	19,2	18,7
Kherson	13,7	10,9	11,0	10,5	9,8	10,8	40,5	40,2	35,3	33,6
Khmelnyskiy	14,1	11,5	11,8	10,8	9,8	8,2	24,8	27,8	25,7	25,8
Cherkasy	11,8	11,6	11,9	11,5	10,0	9,2	24,6	23,4	20,2	19,4
Chernivtsi	20,2	17,9	17,7	17,3	14,3	13,3	33,2	32,6	28,5	28,1
Chernihiv	12,4	12,2	11,4	11,6	11,0	10,5	28,1	27,0	25,8	24,9
<b>cities</b>										
Kyiv	6,1	4,9	4,7	5,6	4,8	4,5	16,6	16,6	14,9	15,2
Sevastopol	18,2	14,0	13,3	15,1	13,4	12,6	35,9	35,8	29,3	27,5

## DEVELOPMENT OF SMALL BUSINESS

**14.12. Volume of products (operations, services) sold by small enterprises in 2009,  
by type of economic activity and region**

(mln. UAH)

	Total	By type of economic activity							
		agriculture, hunting, forestry	industry	const- ruction	trade; repair of motor vehicles, household appliances and personal demand items	hotels and restau- rants	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>455431,2</b>	<b>13575,3</b>	<b>44274,3</b>	<b>33340,2</b>	<b>273920,1</b>	<b>3252,3</b>	<b>17722,8</b>	<b>55473,9</b>	<b>3584,0</b>
Autonomous Republic of Crimea	11589,5	423,8	936,1	1392,4	6135,0	301,0	792,4	1283,0	132,7
<b>oblasts</b>									
Vinnitsya	7526,0	575,5	1162,8	474,1	4430,7	40,6	192,1	488,2	47,7
Volyn	4322,2	198,3	611,3	243,7	2451,5	58,4	201,0	489,5	22,1
Dnipropetrovsk	40824,7	910,5	4120,1	2394,5	27829,1	146,0	1103,9	3425,6	211,4
Donetsk	35034,2	555,8	3712,5	2621,3	23386,9	214,2	983,7	2798,3	189,0
Zhytomyr	5746,4	304,2	822,1	472,0	3465,8	35,7	178,7	371,8	60,7
Zakarpattia	3953,9	96,0	507,2	394,8	2109,4	74,0	283,2	406,3	27,4
Zaporizhzhya	15862,0	734,6	1785,3	1019,0	10247,4	151,0	518,9	992,6	89,5
Ivano-Frankivsk	5269,2	145,3	690,2	603,9	2964,6	48,2	179,0	395,1	51,2
Kyiv	19362,7	869,9	2819,5	1681,9	11060,6	125,1	766,8	1766,8	112,7
Kirovohrad	6446,1	683,3	596,7	357,8	4259,5	27,4	111,6	323,8	36,0
Luhansk	13528,6	513,6	1497,8	993,0	9071,2	43,1	406,0	753,2	83,3
Lviv	16260,3	369,7	2104,2	1442,4	9583,5	202,9	728,8	1362,8	161,9
Mykolayiv	9792,3	709,1	863,5	632,2	6241,4	69,2	432,2	640,6	52,3
Odesa	29063,1	734,4	1883,0	2269,0	17552,9	191,9	2576,6	3245,5	218,0
Poltava	11675,6	759,7	1147,5	953,5	7146,3	60,1	470,5	905,4	47,4
Rivne	3942,9	152,2	562,8	416,2	2268,6	31,5	170,8	284,8	21,9
Sumy	5292,3	487,2	512,2	364,8	3341,6	41,0	121,6	352,5	37,2
Ternopil	3653,1	556,4	531,4	202,9	1828,8	25,8	140,4	269,3	51,5
Kharkiv	26641,3	1088,5	4033,0	1819,6	15198,3	156,0	504,8	2856,7	181,0
Kherson	8114,3	555,9	617,7	400,8	5758,8	63,2	207,4	357,2	53,0
Khmelnyskiy	5421,6	564,2	750,3	404,2	2982,2	49,2	212,1	370,0	37,3
Cherkasy	7176,4	806,8	744,3	587,2	4122,2	52,3	237,1	434,7	54,0
Chernivtsi	2934,5	124,9	422,4	266,5	1733,4	42,1	79,1	190,6	31,3
Chernihiv	4849,4	391,7	593,7	288,2	2807,2	56,6	239,6	350,7	53,2
<b>cities</b>									
Kyiv	147567,2	258,5	9845,2	10353,7	83674,3	906,1	5649,7	30140,8	1491,5
Sevastopol	3581,4	5,3	401,5	290,6	2268,9	39,7	234,8	218,1	28,8

## DEVELOPMENT OF SMALL BUSINESS

**14.13. 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>2008</b>	<b>490222,5</b>	<b>100</b>	<b>88265,4</b>	<b>18,0</b>	<b>295130,8</b>	<b>60,2</b>
	<b>2009</b>	<b>461946,7</b>	<b>100</b>	<b>80258,0</b>	<b>17,4</b>	<b>266659,4</b>	<b>57,7</b>
Agriculture, hunting, forestry	2008	10177,3	100	6008,5	59,0	362,0	3,6
	2009	13069,4	100	7646,1	58,5	422,0	3,2
Industry	2008	45753,8	100	27989,2	61,2	5527,8	12,1
	2009	45402,7	100	25918,7	57,1	6417,1	14,1
Construction	2008	42305,5	100	29857,5	70,6	2512,4	5,9
	2009	34807,0	100	22889,1	65,8	3263,3	9,4
Trade; repair of motor vehicles, household appliances and personal demand items	2008	302702,4	100	5125,8	1,7	270189,2	89,3
	2009	274938,8	100	6100,7	2,2	239204,2	87,0
trade in motor vehicles and motorcycles, maintenance and servicing	2008	22667,8	100	378,7	1,7	20355,8	89,8
	2009	19438,7	100	517,0	2,7	16625,0	85,5
wholesale trade and sale intermediation	2008	260002,2	100	4392,7	1,7	233265,5	89,7
	2009	234019,5	100	5077,7	2,2	204216,6	87,3
retail trade; repair of household appliances and personal demand items	2008	20032,4	100	354,4	1,8	16567,9	82,7
	2009	21480,6	100	506,0	2,3	18362,6	85,5
Hotels and restaurants	2008	3354,7	100	1174,2	35,0	531,7	15,9
	2009	3460,0	100	1015,6	29,4	655,4	18,9
Transport and communications	2008	16282,8	100	3269,8	20,1	3858,6	23,7
	2009	18528,5	100	3592,3	19,4	4231,1	22,8
Financial activity	2008	6988,7	100	310,7	4,4	4519,0	64,7
	2009	7723,5	100	143,3	1,9	4743,4	61,4
Real estate transactions, renting, engineering and provision of services to businessmen	2008	57058,4	100	13266,9	23,2	7399,5	13,0
	2009	57915,4	100	11264,5	19,4	7531,3	13,0
Education	2008	593,3	100	128,6	21,7	6,8	1,1
	2009	569,6	100	78,6	13,8	9,0	1,6
Health care and provision of social aid	2008	1230,3	100	363,2	29,5	63,7	5,2
	2009	1348,3	100	365,2	27,1	63,0	4,7
Provision of communal and individual services; cultural and sporting activity	2008	3617,3	100	698,8	19,3	152,4	4,2
	2009	3991,6	100	1170,6	29,3	85,4	2,1



## 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, %	
9471,6	2,0	25116,8	5,1	8426,9	1,7	63811,0	13,0	99,6
13215,7	2,9	22703,8	4,9	7528,1	1,6	71581,7	15,5	101,4
591,4	5,8	1227,3	12,1	307,0	3,0	1681,1	16,5	99,1
770,6	5,9	1272,6	9,8	392,1	3,0	2566,0	19,6	96,3
1227,6	2,7	4046,0	8,8	1420,8	3,1	5542,4	12,1	100,4
1653,1	3,7	3940,7	8,7	1376,4	3,0	6096,7	13,4	102,5
745,9	1,8	3286,7	7,8	1230,8	2,9	4672,2	11,0	100,1
1015,3	2,9	2397,8	6,9	879,9	2,5	4361,6	12,5	104,4
2400,0	0,8	6139,7	2,0	2136,8	0,7	16710,9	5,5	99,1
2585,7	0,9	5473,0	2,0	1860,3	0,7	19714,9	7,2	100,4
226,4	1,0	566,1	2,5	190,6	0,8	950,2	4,2	99,2
325,3	1,7	405,4	2,1	139,9	0,7	1426,1	7,3	101,6
1906,6	0,7	4241,6	1,6	1513,5	0,6	14682,3	5,7	98,7
2047,5	0,9	4467,2	1,9	1512,2	0,6	16698,3	7,1	100,3
267,0	1,3	1332,0	6,6	432,7	2,2	1078,4	5,4	105,2
212,9	1,0	600,4	2,8	208,2	1,0	1590,5	7,4	100,4
148,8	4,4	549,4	16,4	178,2	5,3	772,4	23,0	103,8
251,8	7,3	552,9	16,0	176,7	5,1	807,6	23,3	106,4
861,6	5,3	1391,0	8,5	467,3	2,9	6434,5	39,5	97,4
1023,6	5,5	1289,7	7,0	447,0	2,4	7944,8	42,9	104,5
135,9	1,9	565,6	8,1	185,6	2,7	1271,9	18,2	87,5
172,8	2,2	479,4	6,2	144,4	1,9	2040,2	26,4	94,1
2993,3	5,2	6663,2	11,7	2106,8	3,7	24628,7	43,2	102,7
5367,3	9,3	5995,7	10,3	1832,2	3,2	25924,4	44,8	104,4
35,0	5,9	184,3	31,1	56,8	9,6	181,8	30,6	96,9
23,1	4,0	214,1	37,6	68,2	12,0	176,6	31,0	99,5
75,1	6,1	293,1	23,8	91,1	7,4	344,1	28,0	99,7
92,6	6,8	325,9	24,2	102,3	7,6	399,3	29,6	101,7
248,4	6,9	742,5	20,5	236,7	6,6	1538,5	42,5	101,9
251,6	6,3	736,0	18,5	239,9	6,0	1508,1	37,8	111,4

## DEVELOPMENT OF SMALL BUSINESS

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

	Year	Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises	
			percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome
<b>Total</b>	<b>2008</b>	<b>-37482,2</b>	<b>62,7</b>	<b>32018,9</b>	<b>37,3</b>	<b>69501,1</b>
	<b>2009</b>	<b>-21209,9</b>	<b>60,1</b>	<b>32952,8</b>	<b>39,9</b>	<b>54162,7</b>
Agriculture, hunting, forestry	2008	573,4	68,8	2542,3	31,2	1968,9
	2009	455,9	67,8	2785,7	32,2	2329,8
Industry	2008	-2248,1	61,9	2386,9	38,1	4635,0
	2009	-2147,2	60,0	2268,1	40,0	4415,3
Construction	2008	-6911,9	62,6	2275,9	37,4	9187,8
	2009	-1790,8	57,1	4072,2	42,9	5863,0
Trade; repair of motor vehicles, household appliances and personal demand items	2008	-11219,3	66,0	8528,7	34,0	19748,0
	2009	-7164,9	63,6	7528,0	36,4	14692,9
Hotels and restaurants	2008	-544,2	61,9	125,5	38,1	669,7
	2009	-432,6	59,9	166,1	40,1	598,7
Transport and communications	2008	-1049,6	59,8	1262,0	40,2	2311,6
	2009	-943,2	57,3	997,8	42,7	1941,0
Financial activity	2008	656,3	60,2	6604,9	39,8	5948,6
	2009	4300,4	60,0	8004,8	40,0	3704,4
Real estate transactions, renting, engineering and provision of services to businessmen	2008	-16076,4	58,0	7887,5	42,0	23963,9
	2009	-12685,9	55,7	6772,0	44,3	19457,9
Education	2008	19,9	70,2	55,7	29,8	35,8
	2009	8,3	66,7	39,7	33,3	31,4
Health care and provision of social aid	2008	-36,3	65,1	89,1	34,9	125,4
	2009	-164,0	62,8	73,8	37,2	237,8
Provision of communal and individual services; cultural and sporting activity	2008	-632,6	60,6	248,8	39,4	881,4
	2009	-640,6	58,2	229,3	41,8	869,9

## DEVELOPMENT OF SMALL BUSINESS

**14.15. Financial outcome from usual activity of small enterprises before taxation in 2009, 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>-21209,9</b>	<b>60,1</b>	<b>32952,8</b>	<b>39,9</b>	<b>54162,7</b>
Autonomous Republic of Crimea	-763,8	62,7	602,7	37,3	1366,5
<b>oblasts</b>					
Vinnitsya	-499,3	61,5	312,8	38,5	812,1
Volyn	-385,4	59,4	219,5	40,6	604,9
Dnipropetrovsk	-1629,1	57,9	3367,0	42,1	4996,1
Donetsk	-239,6	62,1	2301,6	37,9	2541,2
Zhytomyr	-313,6	58,3	254,7	41,7	568,3
Zakarpattia	-265,8	75,2	149,5	24,8	415,3
Zaporizhzhya	-151,9	62,0	737,0	38,0	888,9
Ivano-Frankivsk	-264,9	70,2	315,7	29,8	580,6
Kyiv	-1381,1	60,2	1154,9	39,8	2536,0
Kirovohrad	-58,3	69,2	349,8	30,8	408,1
Luhansk	26,0	63,8	676,0	36,2	650,0
Lviv	-1498,2	61,9	627,1	38,1	2125,3
Mykolayiv	-93,5	63,4	515,2	36,6	608,7
Odesa	-2038,1	58,4	1106,2	41,6	3144,3
Poltava	-97,0	64,8	555,8	35,2	652,8
Rivne	-276,2	57,3	131,3	42,7	407,5
Sumy	-251,8	64,8	197,3	35,2	449,1
Ternopil	-46,2	67,1	243,6	32,9	289,8
Kharkiv	-1431,3	56,9	1660,6	43,1	3091,9
Kherson	-36,7	61,2	391,5	38,8	428,2
Khmelnyskiy	-226,6	61,8	244,3	38,2	470,9
Cherkasy	-333,7	64,5	363,7	35,5	697,4
Chernivtsi	-154,8	63,4	184,8	36,6	339,6
Chernihiv	-167,8	62,4	212,1	37,6	379,9
<b>cities</b>					
Kyiv	-8520,4	53,8	15923,7	46,2	24444,1
Sevastopol	-110,8	56,0	154,4	44,0	265,2

## 15. RESEARCH AND DEVELOPMENT, INNOVATIONS AND INFORMATICS

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

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

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

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

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

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

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

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

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

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

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

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

divisions engaged in performing the scientific research and developments).

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

**Technological innovation** is an activity connected with the development and implementation of both technologically new products and significantly improved products (product innovations) and processes (process innovations). From 2007, **innovation means** implementation of any new or significantly improved product (goods, services) or process, new method of marketing or new organisational method into the activity of an enterprise; establishment of work places or external ties. Innovation products are split into those that are new for the market and the ones that are new for business.

The **market means** the subject or geographical area in which a operates. It consists of a business together with its competitors; taking into account geographical aspect or typical series of products. The geographical aspect may include both domestic and international enterprises.

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

**Technologically new product and significantly improved products** (since 2007, **innovation products**) are products which are new or significantly improved in terms their properties or methods of employment. The

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

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

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

**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.

RESEARCH AND DEVELOPMENT, INNOVATIONS AND INFORMATICS

**15.1. R&D personnel**

*(thsd.)*

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Employees in involved R&D operations <sup>1</sup>	494,2	293,1	188,0	178,0	173,9	173,6	170,6	160,8	155,5	149,7	146,8
Staff engaged full time in R&D	313,1	179,8	120,8	107,4	104,8	106,6	105,5	100,2	96,8	94,1	92,4
of whom with a scientific degree of											
Doctor of Science	3,2	4,1	4,1	4,0	4,0	4,1	4,2	4,3	4,4	4,5	4,4
Candidate of Science (pre-doctoral degree)	29,3	22,9	17,9	17,2	16,8	17,0	17,0	17,0	17,0	17,1	17,1
Staff engaged in R&D holding two or more jobs <sup>2</sup>	36,0	41,7	53,9	57,2	63,4	65,6	68,5	74,9	76,9	75,8	71,8
of whom with a scientific degree of											
Doctor of Science	2,9	4,2	5,5	5,5	6,1	6,4	6,9	7,4	7,5	7,5	7,5
Candidate of Science (pre-doctoral degree)	21,1	18,6	23,3	20,6	22,8	23,7	25,7	29,2	30,1	30,1	30,3

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

<sup>2</sup> From 2006, including all scientific and teaching employees from institutions of higher education

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

*(at current prices; mln. UAH)*

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

RESEARCH AND DEVELOPMENT, INNOVATIONS AND INFORMATICS

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

*(at current prices; mln. UAH)*

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>652,0</b>	<b>2046,3</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>	<b>8024,8</b>	<b>7822,2</b>
including on account of										
Central budget	244,9	614,5	733,3	1070,7	1449,5	1711,2	2017,4	2815,4	3909,8	3398,6
own funds	14,6	61,3	146,7	228,5	275,9	338,5	462,7	521,1	592,5	629,4
customers' funds										
domestic	233,4	785,8	933,6	1321,5	1475,0	1680,1	1563,3	1725,7	2072,2	1870,8
foreign	101,9	477,1	683,1	875,1	908,6	1258,0	1000,9	978,7	1254,9	1743,4
other sources	57,2	107,6	115,0	101,6	142,7	172,6	120,1	108,3	195,4	180,0

**15.4. Costs of R&D work performed on own account of organisations, 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	2539,4	532,5
2007	5908,4	1462,3	1058,5	2793,5	594,1
2008	7723,2	1895,1	1447,5	3570,8	809,8
2009	7680,6	1906,1	1370,4	3593,1	811,0

<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	2005	2007	2008	2009	1995	2000	2005	2007	2008	2009
<b>Total</b>	<b>9759</b>	<b>10339</b>	<b>12014</b>	<b>12845</b>	<b>13423</b>	<b>13866</b>	<b>57610</b>	<b>58741</b>	<b>68291</b>	<b>74191</b>	<b>77763</b>	<b>81169</b>
of whom with the rank of academician	1224	1433	1554	1533	1553	2499	389	427	460	495	516	781
associate member of the Academy of Science	451	519	569	618	662	1062	476	532	540	582	607	826
professor	5369	5193	6908	7497	7815	9418	877	894	1035	1119	1171	1351
senior lecturer	1373	1909	1935	2138	2296	1843	24602	22982	27233	29620	30189	35409
senior researcher	2198	2219	2194	2263	2348	2122	8037	6565	6146	6565	6534	8009

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

RESEARCH AND DEVELOPMENT, INNOVATIONS AND INFORMATICS

**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	2005	2007	2008	2009	1995	2000	2005	2007	2008	2009
<b>Total</b>	<b>9759</b>	<b>10339</b>	<b>12014</b>	<b>12845</b>	<b>13423</b>	<b>13866</b>	<b>57610</b>	<b>58741</b>	<b>68291</b>	<b>74191</b>	<b>77763</b>	<b>81169</b>
By age												
under 30 years old	1	2	—	1	—	2	1104	1815	3908	4565	4891	6870
31–40	270	232	220	288	350	463	11463	9305	12234	15201	17118	19198
41–50	1826	1698	1713	1778	1823	2032	17426	16654	16662	16506	16659	17167
51–55	1461	1658	1689	1777	1843	1964	8003	9365	9103	9551	9681	9822
56–60	2604	1639	2076	2230	2280	2358	12097	7398	8926	9591	9408	9191
61–70	2671	3778	4272	4279	4129	4102	6488	12201	14102	13994	13938	13180
71 and more	926	1332	2044	2492	2998	2945	1029	2003	3356	4783	6068	5741

<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	2005	2007	2008	2009	1995	2000	2005	2007	2008	2009
<b>Total</b>	<b>59</b>	<b>26</b>	<b>8</b>	<b>4</b>	<b>8</b>	<b>5</b>	<b>...</b>	<b>125</b>	<b>45</b>	<b>48</b>	<b>22</b>	<b>26</b>
of which to												
Israel	10	2	—	—	1	—	...	15	1	—	—	—
Canada	—	—	—	—	—	—	...	12	4	—	—	2
Germany	3	6	—	—	1	—	...	14	13	5	3	11
Russian Federation	20	3	3	1	1	—	...	31	4	9	5	5
USA	19	9	4	—	—	2	...	34	7	17	6	4
Other	7	6	1	3	5	3	...	19	16	17	8	4

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



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

	2006		2007		2008		2009	
	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises
<b>Industry</b>	<b>1118</b>	<b>11,2</b>	<b>1472</b>	<b>14,2</b>	<b>1397</b>	<b>13,0</b>	<b>1411</b>	<b>12,8</b>
Mining	26	4,8	33	5,9	36	5,9	35	5,5
mining of fuel and energy minerals	9	3,3	13	4,7	11	4,0	9	3,4
mining operations apart from fuel and energy minerals	17	6,3	20	7,0	25	7,5	26	7,1
Manufacturing	1058	12,4	1379	15,7	1305	14,3	1316	14,0
including								
production of foodstuffs, beverages and tobacco products	243	9,4	343	13,2	309	12,0	336	13,0
light industry	53	7,3	76	10,5	66	9,7	58	8,5
textile industry, sewing of clothes, fur and fur articles	41	6,9	65	11,0	58	10,5	52	9,5
production of leather, leather articles and other materials	12	8,8	11	8,3	8	6,2	6	4,6
wood working and production of wood products apart from furniture	22	5,6	48	11,3	44	9,5	45	8,8
cellulose and paper industry; printing	42	7,7	69	12,2	63	10,1	59	9,1
production of coke and refined petroleum products	16	33,3	16	33,3	16	34,0	16	34,0
chemical and petrochemical industry	123	20,1	146	21,6	156	20,0	166	20,5
production of chemicals	90	28,9	100	30,4	101	28,8	106	29,4
production of rubber and plastic products	33	11,0	46	13,2	55	12,9	60	13,3
production of other non-metallic mineral products	73	9,7	100	12,2	90	10,3	74	8,4
metallurgy and production of finished metal products	86	12,9	109	15,0	111	14,1	108	13,1
engineering	360	20,2	421	23,3	400	21,2	406	21,1
manufacture of machinery and equipment	157	16,7	189	20,0	174	17,8	181	18,4
manufacture of electrical, electronic and optical equipment	135	24,7	162	27,6	156	25,3	152	23,8
manufacture of transport vehicles and equipment	68	22,7	70	25,0	70	23,8	73	24,3
Production and distribution of electricity, gas and water	34	3,6	60	6,1	56	5,8	60	6,1

RESEARCH AND DEVELOPMENT, INNOVATIONS AND INFORMATICS

**15.9. Total innovation costs in industry**

(at current prices)

	2000		2005		2007		2008		2009	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
<b>Total</b>	<b>1760,1</b>	<b>100,0</b>	<b>5751,6</b>	<b>100,0</b>	<b>10821,0</b>	<b>100,0</b>	<b>11994,2</b>	<b>100,0</b>	<b>7949,9</b>	<b>100,0</b>
by purpose										
research and development	266,2	15,1	612,3	10,6	986,5	9,1	1243,6	10,4	846,7	10,7
internal R&D operations	×	×	×	×	793,6	7,3	958,8	8,0	633,3	8,0
external R&D operations	×	×	×	×	192,9	1,8	284,8	2,4	213,4	2,7
purchase of other external knowledge <sup>1</sup>	72,8	4,1	243,4	4,2	328,4	3,0	421,8	3,5	115,9	1,4
purchase of machines, equipment and software <sup>2</sup>	1074,5	61,0	3149,6	54,8	7441,2	68,9	7664,8	63,9	4974,7	62,6
other <sup>3</sup>	346,6	19,8	1746,3	30,4	2064,9	19,0	2664,0	22,2	2012,6	25,3

<sup>1</sup> Before 2007, purchasing of new technologies

<sup>2</sup> Before 2007, purchasing of machinery, equipment, devices and other fixed assets and capital expenditure on introduction of innovations

<sup>3</sup> Including marketing and advertising

**15.10. Financing of innovation activity in industry**

(at current prices)

	2000		2005		2007		2008		2009	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
<b>Total</b>	<b>1757,1</b>	<b>100,0</b>	<b>5751,6</b>	<b>100,0</b>	<b>10821,0</b>	<b>100,0</b>	<b>11994,2</b>	<b>100,0</b>	<b>7949,9</b>	<b>100,0</b>
including on account of										
Central budget	7,7	0,4	28,1	0,5	144,8	1,3	336,9	2,8	127,0	1,6
local budgets	1,8	0,1	14,9	0,3	7,3	0,1	15,8	0,1	7,4	0,1
own funds	1399,3	79,6	5045,4	87,7	7969,7	73,7	7264,0	60,6	5169,4	65,0
customers' funds										
domestic	49,4	2,8	79,6	1,4	26,2	0,2	169,5	1,4	31,0	0,4
foreign	133,1	7,6	157,9	2,7	321,8	3,0	115,4	1,0	1512,9	19,0
other sources	165,8	9,5	425,7	7,4	2351,2	21,7	4092,6	34,1	1102,2	13,9

**15.11. Industrial enterprises that introduced innovations**

	2000		2005		2007		2008		2009	
	total	percentage of total enterprises that introduced innovations	total	percentage of total enterprises that introduced innovations	total	percentage of total enterprises that introduced innovations	total	percentage of total enterprises that introduced innovations	total	percentage of total enterprises that introduced innovations
<b>Total</b>	<b>1491</b>	<b>×</b>	<b>810</b>	<b>×</b>	<b>1186</b>	<b>×</b>	<b>1160</b>	<b>×</b>	<b>1180</b>	<b>×</b>
installing new technological processes	416	27,9	402	49,6	515	43,4	515	44,4	452	38,3
including low-waste, resource saving, and waste-free	172	11,5	208	25,7	287	24,2	280	24,1	215	18,2
introducing new types of products <sup>1</sup>	1372	92,0	630	77,8	564	47,6	667	57,5	614	52,0
of which new types of equipment	202	13,5	156	19,3	178	15,0	201	17,3	188	15,9
conducting complex mechanisation and automation of production process	174	11,7	323	39,9	898 <sup>2</sup>	75,7	813	70,1	767	65,0
Sold innovation products <sup>3</sup>	1352	×	1022	×	1035	×	993	×	994	×

<sup>1</sup> Before 2003, new types of products<sup>2</sup> Since 2007, spent funds for purchasing of machinery, equipment and software<sup>3</sup> Before 2003, shipped innovation products**15.12. Introduction of advanced technological processes and development of new products in industry**

	1995	2000	2004	2005	2006	2007	2008	2009
New advanced technological processes introduced	2936	1403	1727	1808	1145	1419	1647	1893
including low-waste, resource saving and waste-free	1044	430	645	690	424	634	680	753
Production of new types of goods <sup>1</sup> , items	11472	15323	3978	3152	2408	2526	2446	2685
of which new equipment	1000	631	769	657	786	881	758	641

<sup>1</sup> See the first footnote for Table 15.11**15.13. Amount of innovation products sold***(at current prices; mln. UAH)*

	2000	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>12148,3</b>	<b>18784,0</b>	<b>24995,4</b>	<b>30892,7</b>	<b>40188,0</b>	<b>45830,2</b>	<b>31432,3</b>
including substantially new products <sup>1</sup>	3813,6	9542,3	10755,4	18194,9	22305,8	14688,7	8511,5
Exports as part of the total shipment	3023,6	7984,4	12494,8	12797,0	14666,6	23633,1	13200,9

<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	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
<b>Total</b>	<b>1840</b>	<b>1418</b>	<b>6359</b>	<b>6283</b>	<b>247</b>	<b>194</b>	<b>103</b>	<b>73</b>	<b>52</b>	<b>46</b>	<b>13</b>	<b>7</b>
Agriculture, hunting, forestry	3	—	1	—	2	—	—	—	—	—	—	—
Fishing	—	—	—	1	—	—	—	—	—	—	—	—
Industry	229	126	408	276	122	112	31	5	32	26	11	6
mining	19	3	47	30	1	—	1	—	—	—	—	—
mining of fuel and energy minerals	19	3	44	28	1	—	—	—	—	—	—	—
mining operations apart from fuel and energy minerals	—	—	3	2	—	—	1	—	—	—	—	—
manufacturing	208	122	354	244	121	112	30	4	32	26	11	6
production of foodstuffs, beverages and tobacco products	7	53	14	56	46	65	—	—	—	—	—	—
light industry	1	1	—	—	2	—	—	—	—	—	—	—
cellulose and paper industry; printing	—	—	2	6	1	—	—	—	—	—	—	—
production of coke and refined petroleum products	7	4	5	2	—	—	—	—	—	—	—	—
chemical and petrochemical industry	16	7	19	16	23	11	1	—	1	9	5	2
production of other non-metallic mineral products	2	1	5	1	—	7	1	—	4	—	—	—
metallurgy and production of finished metal products	61	8	105	65	5	5	2	—	6	—	—	1
engineering	110	47	200	97	44	23	26	4	21	17	6	3
other manufacture n.i.e.	4	1	4	1	—	1	—	—	—	—	—	—
production and distribution of electricity, gas and water	2	1	7	2	—	—	—	1	—	—	—	—
Construction	—	5	2	5	—	—	—	—	—	—	—	—
Trade; repair of motor vehicles, household appliances and personal demand items	9	11	35	22	29	10	2	3	—	1	—	—

RESEARCH AND DEVELOPMENT, INNOVATIONS AND INFORMATICS

Table 15.14 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	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
Transport and communications	26	2	23	10	3	—	—	—	3	—	—	—
Financial activity	2	1	—	—	1	1	—	—	1	—	—	—
Real estate transactions, renting, engineering and provision of services to businessmen	649	556	1461	1298	39	13	61	52	11	19	2	1
of which research and development	634	538	1379	1270	36	12	59	47	11	15	2	1
Public administration	3	2	13	—	—	—	—	—	—	—	—	—
Education	900	705	4295	4523	19	5	9	13	5	—	—	—
Health care and provision of social aid	12	10	81	117	—	—	—	—	—	—	—	—
Provision of communal and individual services; cultural and sporting activity	7	—	40	30	32	54	—	—	—	—	—	—

**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	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
<b>Total</b>	<b>1832</b>	<b>1667</b>	<b>6136</b>	<b>5749</b>	<b>273</b>	<b>156</b>	<b>82</b>	<b>83</b>	<b>54</b>	<b>53</b>	<b>16</b>	<b>29</b>
Agriculture, hunting, forestry	4	—	1	—	2	—	—	—	—	—	—	—
Fishing	—	—	—	1	—	—	—	—	—	—	—	—
Industry	265	194	503	274	137	99	24	17	22	29	6	25
mining	24	8	60	35	1	—	1	1	—	—	—	—
mining of fuel and energy minerals	24	8	54	33	1	—	1	1	—	—	—	—
mining operations apart from fuel and energy minerals	—	—	6	2	—	—	—	—	—	—	—	—
manufacturing	236	182	439	238	136	99	23	16	22	29	6	25
production of foodstuffs, beverages and tobacco products	11	41	18	38	37	42	—	—	—	—	2	1
light industry	—	—	—	—	1	—	—	—	—	—	—	—

## RESEARCH AND DEVELOPMENT, INNOVATIONS AND INFORMATICS

Table 15.15 continued

	Titles of protection (patents) received											
	Ukraine						other countries					
	inventions		useful models		industrial designs		inventions		useful models		industrial designs	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
cellulose and paper industry; printing	—	—	3	6	5	—	—	—	—	—	—	—
production of coke and refined petroleum products	2	4	8	2	—	—	—	—	—	—	—	—
chemical and petrochemical industry	17	12	18	23	28	16	1	—	—	7	3	14
production of other non-metallic mineral products	2	—	8	2	—	5	—	—	—	2	—	3
metallurgy and production of finished metal manufacture	46	39	140	58	21	4	5	2	4	1	—	—
engineering	158	84	241	108	44	31	17	14	18	19	1	7
other manufacture n.i.e.	—	2	3	1	—	1	—	—	—	—	—	—
production and distribution of electricity, gas and water	5	4	4	1	—	—	—	—	—	—	—	—
Construction	2	7	4	5	—	—	—	1	1	—	—	—
Trade; repair of motor vehicles, household appliances and personal demand items	4	17	28	27	40	12	—	2	1	—	4	2
Transport and communications	24	7	12	15	5	1	2	5	3	1	1	—
Financial activity	2	1	—	2	2	1	—	1	—	—	—	—
Real estate transactions, renting, engineering and provision of services to businessmen	730	610	1321	1250	26	12	49	43	20	19	5	2
of which research and development	706	596	1255	1225	20	11	46	42	18	14	5	2
Public administration	2	2	10	—	—	—	—	—	—	—	—	—
Education	784	814	4136	4031	18	7	7	14	7	4	—	—
Health care and provision of social aid	14	11	77	114	—	—	—	—	—	—	—	—
Provision of communal and individual services; cultural and sporting activity	1	4	44	30	43	24	—	—	—	—	—	—

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

	Employed proposals							
	inventions		useful models		industrial designs		innovation proposals	
	2008	2009	2008	2009	2008	2009	2008	2009
<b>Total</b>	<b>2598</b>	<b>2161</b>	<b>3471</b>	<b>3780</b>	<b>801</b>	<b>886</b>	<b>22044</b>	<b>17425</b>
Agriculture, hunting, forestry	14	12	9	9	10	10	144	153
Fishing	—	—	—	1	—	—	—	—
Industry	754	683	714	770	637	729	9328	7469
mining	52	68	45	41	7	6	1229	1012
mining of fuel and energy minerals	47	66	41	36	1	—	883	941
mining operations apart from fuel and energy minerals	5	2	4	5	6	6	346	71
manufacturing	697	615	659	717	630	723	7936	6351
production of foodstuffs, beverages and tobacco products	30	73	44	102	216	222	131	144
light industry	—	—	—	1	1	—	42	19
wood working and production of wood products apart from furniture	1	1	—	—	—	—	9	9
cellulose and paper industry; printing	1	1	2	9	10	9	—	—
production of coke and refined petroleum products	45	15	51	16	—	—	539	406
chemical and petrochemical industry	96	73	34	90	97	193	381	246
production of other non-metallic mineral products	12	22	10	26	5	11	145	15
metallurgy and production of finished metal products	78	61	67	79	122	118	2720	2212
engineering	425	366	437	384	168	165	3966	3299
other production n.i.e.	9	3	14	10	11	5	3	1
production and distribution of electricity, gas and water	5	—	10	5	—	—	163	86
Construction	8	7	6	8	—	—	24	2
Trade; repair of motor vehicles, household appliances and personal demand items	24	17	47	44	29	51	52	39
Hotels and restaurants	—	—	3	3	6	6	—	—
Transport and communications	31	29	18	19	1	1	6933	6317
Financial activity	13	13	4	6	15	10	—	—
Real estate transactions, renting, engineering and provision of services to businessmen	834	910	948	1104	94	74	4756	2541
of which								
research and development	812	884	910	1078	78	69	133	53
Public administration	1	2	—	—	—	—	352	328
Education	845	401	1623	1685	1	1	380	463
Health care and provision of social aid	73	86	96	128	—	1	74	106
Provision of communal and individual services; cultural and sporting activity	1	1	3	3	8	3	1	7

## RESEARCH AND DEVELOPMENT, INNOVATIONS AND INFORMATICS

**15.17. Availability of computing equipment by region***(beginning of year; thsd.)*

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010
<b>Ukraine</b>	<b>476,1</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>	<b>2933,4</b>	<b>3045,3</b>
Autonomous Republic of Crimea	14,5	25,4	32,5	42,7	50,4	60,8	73,7	88,7	99,0	104,1
<b>oblasts</b>										
Vinnitsya	12,4	19,0	23,1	28,4	32,8	40,1	47,7	56,9	65,1	66,8
Volyn	8,2	12,3	14,7	18,9	22,7	25,0	29,3	35,8	43,0	44,0
Dnipropetrovsk	33,5	59,5	84,6	105,8	117,2	152,3	178,8	222,6	244,9	249,3
Donetsk	50,4	71,3	83,9	102,3	121,4	154,0	181,9	211,9	240,5	247,9
Zhytomyr	8,3	14,1	17,1	22,0	27,2	32,5	38,9	46,5	53,0	56,2
Zakarpattia	8,7	12,3	14,3	18,8	21,5	26,9	31,0	36,4	42,3	44,0
Zaporizhzhya	31,6	48,1	54,6	65,5	76,5	85,5	127,6	131,4	133,2	132,4
Ivano-Frankivsk	8,1	13,0	16,4	19,0	23,1	30,7	35,7	41,9	46,8	49,2
Kyiv	12,6	19,4	20,7	27,0	32,9	35,0	45,2	57,6	60,4	70,2
Kirovohrad	8,4	13,8	18,6	18,9	22,2	25,5	30,0	35,1	38,4	41,7
Luhansk	20,0	28,4	31,4	36,3	48,7	65,5	73,5	85,9	97,6	99,7
Lviv	14,3	36,0	40,2	48,3	65,0	73,0	89,7	116,2	128,9	136,0
Mykolayiv	14,3	20,1	24,9	30,3	35,3	40,8	45,7	52,3	58,1	60,4
Odesa	12,2	25,4	39,9	50,9	68,6	79,2	99,3	119,0	128,5	136,8
Poltava	14,4	24,5	27,3	33,6	41,4	56,8	66,5	76,3	85,9	87,1
Rivne	10,7	14,5	18,1	22,4	26,0	30,5	35,3	40,4	44,8	46,8
Sumy	12,7	18,8	22,9	28,7	33,4	39,3	45,1	52,3	59,6	61,2
Ternopil	8,4	12,0	13,8	16,7	20,5	21,7	27,0	32,6	36,8	37,4
Kharkiv	42,3	64,4	78,0	94,3	119,2	142,6	171,0	199,0	222,5	223,6
Kherson	9,1	11,3	13,7	19,4	48,0	28,4	34,0	39,4	44,2	45,8
Khmelnyskiy	11,4	18,6	21,1	25,4	30,5	36,0	41,7	49,6	55,3	57,4
Cherkasy	12,1	16,5	19,2	23,2	27,4	52,8	54,4	56,1	57,6	60,3
Chernivtsi	6,9	10,4	12,1	14,5	19,2	21,5	25,2	29,6	33,4	34,0
Chernihiv	9,7	15,5	19,1	23,3	28,2	33,2	38,0	44,2	51,4	54,3
<b>cities</b>										
Kyiv	76,8	132,4	118,9	178,2	249,5	358,1	439,4	547,2	741,1	777,3
Sevastopol	4,1	6,3	7,1	9,8	11,4	13,9	15,6	17,5	21,1	21,4



## 16. POPULATION

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

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

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

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

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

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

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

weight of 500 g and more (or the body weight at birth is unknown, length of a newborn body is 25 cm and more, or on the 22 week of pregnancy and more); live and dead born with body weight of less than 500 g in the case of multiple birth if the duration of pregnancy is 22 weeks and more; live born under 22 weeks of pregnancy duration (that is with the body length less than 25 cm and body weight less than 500 g) and lived more than 7 days (168 hours after birth) are registered as liveborn premature births.

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

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

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

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

**Number of illegitimate births** includes the births that are registered by joint declaration made by father and mother who are

not married, or only through a mother's declaration or court's decision that puts it in the birth certificate. If a child is born after the death of a person who was married to its mother, the dead could be recorded as father of a child provided that no more than 10 months have passed between the day of his death and the birth of a child.

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

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

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

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

**Life expectancy at birth** is the average number of years that a new generation of births would live provided that during the whole life of this generation (when passing from one age to another) the death rate was equal the current death rate for the population in selected age groups.

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

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

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

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

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

POPULATION

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

	1991	1996	2001	2002 <sup>1</sup>	2003	2004	2005	2006	2007	2008	2009	2010
<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>	<b>46,1</b>	<b>46,0</b>
urban	35,1	34,8	32,9	32,6	32,3	32,1	32,0	31,9	31,8	31,7	31,6	31,5
rural	16,8	16,5	16,0	15,9	15,7	15,5	15,3	15,0	14,8	14,7	14,5	14,5
percentage of total population												
urban	67,5	67,8	67,4	67,2	67,3	67,5	67,7	67,9	68,1	68,3	68,5	68,6
rural	32,5	32,2	32,6	32,8	32,7	32,5	32,3	32,1	31,9	31,7	31,5	31,4
<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>	<b>46,0</b>	<b>45,8</b>
males	23,9	23,6	22,5	22,3	22,1	21,9	21,8	21,6	21,5	21,3	21,2	21,1
females	27,7	27,3	26,2	25,9	25,7	25,5	25,3	25,1	25,0	24,9	24,8	24,7
percentage of total population												
males	46,3	46,4	46,3	46,3	46,2	46,2	46,2	46,1	46,1	46,1	46,1	46,1
females	53,7	53,6	53,7	53,7	53,8	53,8	53,8	53,9	53,9	53,9	53,9	53,9

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

**16.2. Present population since 1913<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
2009	46,1	31,6	14,5	68,5	31,5
2010	46,0	31,5	14,5	68,6	31,4

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

POPULATION

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

(persons)

	2002 <sup>1</sup>		2010 <sup>1</sup>		Males per 1000 females	
	males	females	males	females	2002 <sup>1</sup>	2010 <sup>1</sup>
<b>Ukraine</b>	<b>22316317</b>	<b>25924585</b>	<b>21107067</b>	<b>24675525</b>	<b>861</b>	<b>855</b>
Autonomous Republic of Crimea	931439	1092617	895058	1061492	852	843
<b>oblasts</b>						
Vinnitsya	804747	959197	752626	890897	839	845
Volyn	497646	559568	485233	548704	889	884
Dnipropetrovsk	1638504	1922720	1530065	1822107	852	840
Donetsk	2210403	2615160	2020286	2433569	845	830
Zhytomyr	644360	744933	595093	691525	865	861
Zakarpattia	604150	650464	594627	647368	929	919
Zaporizhzhya	884153	1042657	825280	985595	848	837
Ivano-Frankivsk	663275	742854	649131	728859	893	891
Kyiv	841463	979598	790796	925189	859	855
Kirovohrad	516610	609094	462200	549167	848	842
Luhansk	1167914	1372277	1053342	1253678	851	840
Lviv	1234896	1371060	1196243	1335004	901	896
Mykolayiv	586770	676129	548381	640420	868	856
Odesa	1148820	1306846	1113819	1266143	879	880
Poltava	742204	879003	682659	809070	844	844
Rivne	554413	617032	544028	606536	899	897
Sumy	592005	704758	533240	636885	840	837
Ternopil	527953	610547	503991	581623	865	867
Kharkiv	1328884	1566929	1263832	1489621	848	848
Kherson	546638	626051	505247	586752	873	861
Khmelnyskiy	657285	769364	614310	716484	854	857
Cherkasy	635822	762491	588229	703360	834	836
Chernivtsi	430047	488981	421904	479402	879	880
Chernihiv	560445	675620	497490	603715	830	824
<b>cities</b>						
Kyiv	1193356	1373597	1267521	1476303	869	859
Sevastopol <sup>2</sup>	172115	205038	172436	206057	839	837

<sup>1</sup> For 2002, data of the Census as of December 5, 2001; for 2010, as of January 1

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

POPULATION

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

(as of January 1, 2010)

	Total population, persons			Share of total population, percent		
	total	urban	rural	total	urban	rural
<b>Total population</b>	<b>45782592</b>	<b>31269164</b>	<b>14513428</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
of which by age, years						
under 1	508544	336990	171554	1,1	1,1	1,2
1–4	1849046	1235306	613740	4,0	4,0	4,2
5–9	1961459	1266289	695170	4,3	4,0	4,8
10–14	2164511	1319956	844555	4,7	4,2	5,8
15–19	2852303	1904840	947463	6,2	6,1	6,5
20–24	3688815	2593433	1095382	8,1	8,3	7,6
25–29	3733728	2769162	954566	8,1	8,9	6,6
30–34	3360706	2410593	950113	7,4	7,7	6,6
35–39	3245340	2268963	976377	7,1	7,2	6,7
40–44	3021268	2067296	953972	6,6	6,6	6,6
45–49	3484781	2438506	1046275	7,6	7,8	7,2
50–54	3398490	2406311	992179	7,4	7,7	6,8
55–59	3052164	2194168	857996	6,7	7,0	5,9
60–64	2302575	1644341	658234	5,0	5,3	4,5
65–69	1971086	1257353	713733	4,3	4,0	4,9
70 and older	5197776	3155657	2042119	11,4	10,1	14,1
Of total population						
younger than working age	6982589	4468136	2514453	15,2	14,3	17,3
working age	27601530	19477705	8123825	60,3	62,3	56,0
older than working age	11198473	7323323	3875150	24,5	23,4	26,7

POPULATION

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

(as of January 1, 2010)

	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>45782592</b>	<b>6982589</b>	<b>27601530</b>	<b>11198473</b>	<b>15,2</b>	<b>60,3</b>	<b>24,5</b>
Autonomous Republic of Crimea	1956550	293117	1190487	472946	15,0	60,8	24,2
<b>oblasts</b>							
Vinnitsya	1643523	264688	947281	431554	16,1	57,6	26,3
Volyn	1033937	205728	614073	214136	19,9	59,4	20,7
Dnipropetrovsk	3352172	484608	2028085	839479	14,5	60,5	25,0
Donetsk	4453855	581615	2684805	1187435	13,0	60,3	26,7
Zhytomyr	1286618	217975	747910	320733	17,0	58,1	24,9
Zakarpattia	1241995	249476	758482	234037	20,1	61,1	18,8
Zaporizhzhya	1810875	253337	1094698	462840	14,0	60,4	25,6
Ivano-Frankivsk	1377990	250666	829337	297987	18,2	60,2	21,6
Kyiv	1715985	265411	1029503	421071	15,5	60,0	24,5
Kirovohrad	1011367	154366	587334	269667	15,2	58,1	26,7
Luhansk	2307020	294933	1407199	604888	12,8	61,0	26,2
Lviv	2531247	428068	1539942	563237	16,9	60,8	22,3
Mykolayiv	1188801	184191	720431	284179	15,5	60,6	23,9
Odesa	2379962	377271	1447525	555166	15,9	60,8	23,3
Poltava	1491729	210999	882721	398009	14,1	59,2	26,7
Rivne	1150564	237892	684856	227816	20,7	59,5	19,8
Sumy	1170125	160099	700247	309779	13,7	59,8	26,5
Ternopil	1085614	185606	642554	257454	17,1	59,2	23,7
Kharkiv	2753453	359073	1702740	691640	13,1	61,8	25,1
Kherson	1091999	174409	659890	257700	16,0	60,4	23,6
Khmelnyskiy	1330794	215286	775282	340226	16,2	58,2	25,6
Cherkasy	1291589	188057	751422	352110	14,5	58,2	27,3
Chernivtsi	901306	162257	541271	197778	18,0	60,1	21,9
Chernihiv	1101205	151225	631172	318808	13,7	57,3	29,0
<b>cities</b>							
Kyiv	2743824	379995	1772812	591017	13,9	64,6	21,5
Sevastopol <sup>1</sup>	378493	52241	229471	96781	13,8	60,6	25,6

<sup>1</sup> See the second footnote to Table 16.3

## POPULATION

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

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

## POPULATION

Table 16.6 continued

	1989	2002	2003	2004	2005	2006	2007	2008	2009	2010
Makiyivka	425	390	384	380	376	373	370	367	364	361
Mariupol	519	492	488	484	482	480	478	475	472	469
Melitopol	173	161	160	159	159	159	159	158	158	158
Mykolayiv	524	514	512	510	509	508	507	506	504	501
Mukacheve	85	82	82	82	82	83	83	83	83	84
Nizhyn	81	77	76	76	76	75	75	75	75	74
Nikopol	158	136	135	133	132	130	129	128	126	124
Novovolynsk	55	54	53	53	53	53	53	53	53	53
Novohrad-Volynskyi	55	56	56	56	56	56	56	56	56	56
Novomoskovsk (Dnipropetrovsk oblast)	76	72	72	72	71	70	70	69	70	70
Odesa	1115	1029	1021	1013	1007	1002	1001	1006	1009	1010
Oleksandriya	103	93	92	91	89	87	86	85	84	83
Pavlohrad	131	119	117	115	114	113	112	111	111	111
Pervomaysk (Mykolayiv oblast)	81	70	69	68	68	68	68	67	67	67
Poltava	315	318	315	312	310	309	306	304	302	301
Pryluky	72	65	64	63	62	61	61	60	59	59
Rivne	228	249	248	248	248	248	248	248	249	250
Rubizhne	74	65	64	64	63	63	63	62	62	62
Sverdlovsk (Lugansk oblast)	83	73	71	71	70	69	68	67	67	66
Sevastopol	356	342	341	341	340	340	340	340	340	340
Syeverodonetsk	131	120	119	117	116	115	115	113	112	111
Simferopol	345	344	344	343	342	341	340	338	337	337
Slovyansk	135	125	124	123	122	121	121	121	120	119
Smila	79	70	69	69	69	69	69	69	69	69
Snizhne	69	58	57	55	54	53	52	51	50	50
Stakhanov	112	90	88	86	84	83	82	81	80	80
Stryi	67	62	62	62	62	61	61	61	60	60
Sumy	291	293	289	285	282	280	278	276	274	272
Ternopil	206	228	226	224	221	219	218	217	217	218
Torez	88	72	70	68	66	65	63	62	61	60
Uzhhorod	117	117	117	117	117	117	116	116	116	116
Uman	91	89	88	88	88	88	88	88	88	88
Feodosiya	84	75	74	73	72	72	72	71	71	70
Kharkiv	1610	1471	1466	1464	1465	1463	1461	1458	1456	1452
Khartsyzk	68	64	63	63	62	62	61	61	61	60
Kherson	355	328	326	323	319	316	312	309	307	305
Khmelnyskyi	237	254	254	254	256	257	258	259	260	261
Chervonograd	72	71	70	70	69	69	69	69	69	68
Cherkasy	290	295	294	293	293	292	291	290	289	288
Chernivtsi	257	241	241	242	242	243	245	247	250	252
Chernihiv	298	305	304	302	300	300	299	298	298	297
Shakhtarsk	74	60	58	57	56	55	54	53	53	52
Shostka (Sumy oblast)	93	87	86	85	84	83	83	82	81	81
Yalta	89	82	81	80	80	80	79	79	79	78

<sup>1</sup> For 1989, data of the Census as of January 12; for 2002, data of the Census as of December 5, 2001; for other years, as of January 1. Data are recalculated within administrative and territorial borders as of the beginning of 2010



POPULATION

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

(as of January 1)

	1991	1996	2001	2003	2004	2005	2006	2007	2008	2009	2010
<b>Total pensioners, thsd.</b>	<b>13084</b>	<b>14487</b>	<b>14447</b>	<b>14376</b>	<b>14348</b>	<b>14065</b>	<b>14050</b>	<b>13937</b>	<b>13819<sup>2</sup></b>	<b>13750<sup>2</sup></b>	<b>13721<sup>2</sup></b>
of which											
retired by age	9713	10615	10299	10273	10304	10363	10596	10576	10591	10558	10569
retired due to disability	1313	1814	2015	2029	1977	1791	1605	1597	1571	1537	1500
survivors who lost their benefactor	1209	1195	1150	1091	1077	923	852	840	822	838	850
entitled to pension for long service	...	429	552	575	592	599	627	640	621	627	630
entitled to welfare pensions	318	434	431	408	398	389	370	284	213	189	172
Proportion of pensioners per 1000 population	253	284	295	301	302	299	301	300	299	299	300

<sup>1</sup> As of January 1, 2010, there were 4319,3 thsd. pensioners who lived in rural areas, which amounted to 31,5% of those registered at the Pension Fund bodies

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

**16.8. Pensioners, by region**

(as of January 1, 2010)

	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>13721107</b>	<b>10569391</b>	<b>1499550</b>	<b>849715</b>	<b>629841</b>	<b>171599</b>	<b>1011</b>	<b>300</b>
Autonomous Republic of Crimea	555112	417145	70037	29631	31670	6582	47	284
<b>oblasts</b>								
Vinnitsya	524161	405184	62281	27578	22498	6591	29	319
Volyn	286466	206505	43299	20699	12309	3642	12	277
Dnipropetrovsk	1035282	834202	79973	67607	42042	11380	78	309
Donetsk	1435423	1112156	144431	123378	39711	15635	112	322
Zhytomyr	419128	306102	55791	29070	22816	5322	27	326
Zakarpattia	291227	215372	35645	18789	12616	8789	16	234
Zaporizhzhya	554211	443854	51383	28918	23025	6974	57	306
Ivano-Frankivsk	370902	279897	50487	21068	11614	7810	26	269
Kyiv	559671	440380	60722	28184	23702	6661	22	326
Kirovohrad	317642	249507	30837	18581	14204	4492	21	314
Luhansk	752299	588142	63788	69918	23126	7264	61	326
Lviv	708758	530888	97366	43819	28007	8639	39	280
Mykolayiv	345311	265110	32608	23424	20199	3940	30	290
Odesa	653887	483951	82590	38549	40038	8694	65	275
Poltava	478155	374760	48817	25433	24319	4786	40	321
Rivne	311412	236851	40050	18645	11093	4754	19	271
Sumy	371316	295775	32904	20229	18171	4209	28	317
Ternopil	311655	249260	33393	15189	9567	4224	22	287
Kharkiv	810240	632268	85040	40796	42638	9442	56	294
Kherson	311356	245845	29410	18377	13680	4024	20	285
Khmelnyskiy	428781	315723	60683	26026	20958	5359	32	322
Cherkasy	428366	334673	50385	21309	16377	5604	18	332
Chernivtsi	239838	186745	27621	11442	10033	3980	17	266
Chernihiv	383176	289733	50073	21617	17797	3922	34	348
<b>cities</b>								
Kyiv	719467	546960	71091	33553	59738	8048	77	262
Sevastopol	117865	82403	8845	7886	17893	832	6	311

POPULATION

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

(per 1000 present population)

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

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

(thsd.)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Births</b>												
total	657,2	492,9	385,1	376,5	390,7	408,6	427,3	426,1	460,4	472,7	510,6	512,5
in urban areas	442,8	308,4	238,0	237,3	248,9	266,4	284,4	284,3	306,7	314,1	340,6	339,5
in rural areas	214,4	184,5	147,1	139,2	141,8	142,2	142,9	141,8	153,7	158,6	170,0	173,0
<b>Deaths</b>												
total	629,6	792,6	758,1	746,0	754,9	765,4	761,3	782,0	758,1	762,9	754,5	706,7
in urban areas	357,1	476,4	457,1	450,4	454,4	459,9	460,5	471,6	461,8	466,3	462,9	432,3
in rural areas	272,5	316,2	301,0	295,6	300,5	305,5	300,8	310,4	296,3	296,6	291,6	274,4
<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	-243,9	-194,2
in urban areas	85,7	-168,0	-219,1	-213,1	-205,5	-193,5	-176,1	-187,3	-155,1	-152,2	-122,3	-92,8
in rural areas	-58,1	-131,7	-153,9	-156,4	-158,7	-163,3	-157,9	-168,6	-142,6	-138,0	-121,6	-101,4

POPULATION

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

(per 1000 present population)

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

**16.12. Births, by sex**

(persons)

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

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

(per 1000 females of the respective age group)

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

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

## POPULATION

**16.14. Birth, death and natural population increase rates in 2009, 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>11,1</b>	<b>10,8</b>	<b>11,9</b>	<b>15,3</b>	<b>13,7</b>	<b>18,9</b>	<b>-4,2</b>	<b>-2,9</b>	<b>-7,0</b>
Autonomous									
Republic of Crimea	12,0	11,2	13,3	14,5	14,5	14,5	-2,5	-3,3	-1,2
<b>oblasts</b>									
Vinnitsya	10,9	11,5	10,4	16,2	11,3	21,0	-5,3	0,2	-10,6
Volyn	14,8	14,1	15,4	14,1	10,9	17,5	0,7	3,2	-2,1
Dnipropetrovsk	11,1	11,0	11,7	16,3	15,6	20,2	-5,2	-4,6	-8,5
Donetsk	9,7	9,6	10,1	16,8	16,5	19,5	-7,1	-6,9	-9,4
Zhytomyr	11,7	11,9	11,5	17,0	13,3	22,1	-5,3	-1,4	-10,6
Zakarpattia	14,6	14,2	14,9	12,5	12,3	12,7	2,1	1,9	2,2
Zaporizhzhya	10,1	9,9	11,0	15,5	14,3	19,5	-5,4	-4,4	-8,5
Ivano-Frankivsk	12,6	11,8	13,2	12,7	10,0	14,8	-0,1	1,8	-1,6
Kyiv	12,0	12,1	11,6	16,7	12,7	23,0	-4,7	-0,6	-11,4
Kirovohrad	10,7	10,8	10,5	17,4	15,3	20,8	-6,7	-4,5	-10,3
Luhansk	9,3	9,4	8,9	16,9	16,4	19,9	-7,6	-7,0	-11,0
Lviv	11,8	11,1	12,8	12,9	10,8	16,0	-1,1	0,3	-3,2
Mykolayiv	11,0	10,3	12,5	15,7	14,6	18,0	-4,7	-4,3	-5,5
Odesa	12,1	11,0	14,3	15,0	13,2	18,6	-2,9	-2,2	-4,3
Poltava	9,8	9,7	10,0	17,8	14,4	23,0	-8,0	-4,7	-13,0
Rivne	15,2	13,5	16,9	13,4	10,2	16,3	1,8	3,3	0,6
Sumy	9,1	9,4	8,5	18,0	14,8	24,4	-8,9	-5,4	-15,9
Ternopil	11,4	11,8	11,1	14,3	9,9	17,8	-2,9	1,9	-6,7
Kharkiv	9,8	9,7	10,1	15,3	14,1	20,3	-5,5	-4,4	-10,2
Kherson	11,2	10,9	11,8	15,4	15,1	15,9	-4,2	-4,2	-4,1
Khmelnyskiy	11,0	11,5	10,4	16,3	11,0	22,5	-5,3	0,5	-12,1
Cherkasy	9,7	9,9	9,4	16,9	13,3	21,5	-7,2	-3,4	-12,1
Chernivtsi	12,2	11,0	13,1	12,9	10,8	14,4	-0,7	0,2	-1,3
Chernihiv	9,4	10,1	8,4	19,9	14,4	28,9	-10,5	-4,3	-20,5
<b>cities</b>									
Kyiv	11,7	11,7	×	10,2	10,2	×	1,5	1,5	×
Sevastopol <sup>1</sup>	11,2	11,1	12,2	14,5	14,6	14,1	-3,3	-3,5	-1,9

<sup>1</sup> See the second footnote to Table 16.3

POPULATION

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

(percent of total births)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>20,9</b>	<b>21,2</b>
in urban areas	10,5	13,4	17,7	18,3	19,3	20,0	20,3	21,2	20,8	20,9	20,4	20,7
in rural areas	12,6	12,8	16,6	17,5	18,4	19,6	20,7	21,8	21,9	22,3	21,8	22,2

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

(persons)

	1990		2008		2009	
	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	510589	106605	512525	108610
of which						
first child birth	343584	41705	281586	59802	271972	59465
second child birth	229561	18012	170273	30272	176302	31251
third child birth	54195	7841	39506	10392	43455	11266
fourth child birth	15170	3085	10441	3507	11466	3776
fifth and subsequent	14550	2787	8654	2529	9252	2793
order unknown	142	75	129	103	78	59
<b>In urban areas</b>						
Total births	442869	46601	340594	69546	339497	70136
of which						
first child birth	249743	29067	199047	41539	191323	40889
second child birth	155129	11535	113775	19707	117882	20515
third child birth	26768	3815	20318	5635	22265	5921
fourth child birth	5890	1183	4300	1589	4738	1666
fifth and subsequent	5218	930	3057	998	3226	1096
order unknown	121	71	97	78	63	49
<b>In rural areas</b>						
Total births	214333	26904	169995	37059	173028	38474
of which						
first child birth	93841	12638	82539	18263	80649	18576
second child birth	74432	6477	56498	10565	58420	10736
third child birth	27427	4026	19188	4757	21190	5345
fourth child birth	9280	1902	6141	1918	6728	2110
fifth and subsequent	9332	1857	5597	1531	6026	1697
order unknown	21	4	32	25	15	10

POPULATION

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

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total deaths</b>	<b>1220,4</b>	<b>1551,4</b>	<b>1550,6</b>	<b>1539,9</b>	<b>1573,2</b>	<b>1606,9</b>	<b>1610,4</b>	<b>1666,4</b>	<b>1626,5</b>	<b>1646,7</b>	<b>1637,4</b>	<b>1540,6</b>
of which those aged												
0–4	310,7	344,4	291,0	283,7	268,6	266,7	264,7	273,9	270,3	296,3	271,1	245,7
5–9	45,4	47,6	37,7	39,5	38,3	35,9	35,5	38,7	34,1	36,3	30,7	25,4
10–14	40,5	41,5	38,2	37,3	35,5	31,1	32,4	31,8	30,8	32,0	28,1	28,3
15–19	87,4	109,3	91,4	89,4	82,4	80,7	74,1	77,3	76,7	82,4	72,3	63,4
20–24	144,9	186,8	178,8	179,6	175,0	158,3	149,3	148,6	142,9	154,2	144,3	124,1
25–29	165,7	253,3	244,3	257,1	252,8	257,6	260,7	269,4	256,3	270,3	256,4	211,6
30–34	218,9	343,5	336,8	340,5	354,7	357,3	374,3	397,1	387,6	427,6	427,6	346,5
35–39	303,5	482,4	463,1	464,3	479,2	489,2	525,5	549,3	512,8	552,4	552,3	443,2
40–44	432,9	716,5	659,2	645,2	673,9	671,4	724,9	753,0	704,2	754,7	745,9	598,2
45–49	689,5	996,7	945,9	931,9	947,3	952,2	1004,3	1026,1	950,6	995,2	969,6	789,8
50–54	969,9	1435,1	1278,2	1286,2	1326,1	1352,3	1388,4	1421,2	1313,5	1341,9	1325,0	1101,7
55–59	1408,2	1888,6	1780,5	1748,1	1790,4	1763,8	1809,3	1882,1	1783,8	1791,4	1787,5	1549,7
60–64	2014,9	2639,1	2483,7	2461,8	2528,8	2535,6	2562,0	2649,8	2481,8	2437,7	2347,5	2167,0
65–69	2843,7	3613,2	3532,0	3414,8	3422,2	3430,6	3452,4	3517,8	3411,3	3375,0	3294,6	3133,6
70 and older	8606,4	9533,9	8637,3	8415,5	8453,6	8739,8	8576,9	8831,2	8681,6	8484,0	8311,2	8090,6

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

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

POPULATION

**16.19. Death rates by major causes of death in 2009, 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>1534,6</b>	<b>32,9</b>	<b>192,4</b>	<b>1000,2</b>	<b>45,8</b>	<b>65,3</b>	<b>106,3</b>
Autonomous Republic of Crimea	1449,5	41,3	179,9	982,3	34,0	54,7	110,9
<b>oblasts</b>							
Vinnitsya	1623,5	16,0	183,4	1164,4	40,5	49,9	105,1
Volyn	1411,4	26,3	138,5	935,7	89,1	62,1	95,0
Dnipropetrovsk	1633,7	60,4	201,9	1060,3	49,5	92,2	121,1
Donetsk	1678,4	53,5	227,2	1069,2	37,4	82,6	126,6
Zhytomyr	1703,1	21,1	179,8	1183,0	57,2	57,6	122,0
Zakarpattia	1252,9	32,0	140,7	670,6	32,9	67,0	81,7
Zaporizhzhya	1549,9	29,2	245,1	927,5	36,6	49,2	109,3
Ivano-Frankivsk	1272,0	17,5	156,8	818,4	38,5	47,7	65,1
Kyiv	1673,7	28,1	208,1	1179,3	32,4	71,0	114,5
Kirovohrad	1740,3	40,5	225,3	1040,8	54,9	54,5	148,5
Luhansk	1689,5	34,1	203,9	1082,4	70,9	102,4	121,4
Lviv	1287,5	22,5	158,5	839,5	51,5	48,8	70,0
Mykolayiv	1567,7	52,2	198,0	918,7	33,1	82,8	115,4
Odesa	1499,4	58,6	197,2	950,0	36,3	76,4	119,2
Poltava	1780,6	22,5	207,9	1130,9	63,8	60,8	127,5
Rivne	1338,9	17,9	161,6	952,2	26,3	50,1	85,3
Sumy	1796,0	25,0	201,8	1128,9	72,1	57,5	132,7
Ternopil	1434,5	12,5	172,7	1016,7	69,4	44,4	64,6
Kharkiv	1532,7	20,6	174,9	1101,4	25,3	57,4	103,2
Kherson	1540,0	37,6	192,9	895,7	28,3	62,2	129,3
Khmelnyskiy	1627,2	17,9	198,8	950,7	67,6	60,0	96,3
Cherkasy	1692,7	20,1	187,9	1156,9	89,6	65,9	109,3
Chernivtsi	1290,1	17,8	171,3	912,2	41,7	31,8	76,5
Chernihiv	1992,9	27,2	203,6	1441,1	63,8	56,7	140,5
<b>cities</b>							
Kyiv	1019,4	20,9	179,3	643,5	20,4	55,0	58,0
Sevastopol <sup>1</sup>	1453,2	31,6	278,8	798,1	50,8	90,7	117,0

<sup>1</sup> See the second footnote to Table 16.3

POPULATION

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

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>10,0</b>	<b>9,4</b>
in urban areas	12,5	14,3	12,0	11,3	10,3	9,6	9,2	9,4	9,3	10,6	9,6	9,0
in rural areas	13,5	15,3	11,9	11,3	10,3	9,5	10,1	11,2	10,6	11,8	10,9	10,1

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

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



POPULATION

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

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

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

<sup>1</sup> See the second footnote to Table 16.3

POPULATION

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

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

**16.24. Life expectancy at birth**

(years)

	Total	Including	
		males	females
1958–1959	69,8	66,1	72,6
1961–1962	70,9	67,3	73,6
1965–1966	71,6	67,7	74,5
1969–1970	70,8	66,5	74,3
1979–1980	69,7	64,6	74,0
1985–1986	70,5	65,9	74,5
1989–1990	70,7	65,9	75,0
1991–1992	69,3	64,2	74,2
1992–1993	68,7	63,5	73,7
1993–1994	68,0	62,8	73,2
1994–1995	67,2	61,8	72,7
1995–1996	66,9	61,4	72,7
1996–1997	67,4	61,9	73,0
1997–1998	68,1	62,7	73,5
1998–1999	68,3	63,0	73,7
1999–2000	67,9	62,4	73,6
2000–2001	68,3	62,8	74,1
2001–2002	68,3	62,7	74,1
2002–2003	68,2	62,6	74,1
2003–2004	68,2	62,6	74,1
2004–2005	68,0	62,2	74,0
2005–2006	68,1	62,4	74,1
2006–2007	68,3	62,5	74,2
2007–2008	68,3	62,5	74,3
2008–2009	69,3	63,8	74,9

POPULATION

**16.25. Marriages and divorces**

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

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

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Males</b>											
Total	482753	431731	274523	317228	370966	278225	332143	354959	416427	321992	318198
of which											
never married before	364619	322143	201178	236351	278710	207068	247888	268947	318234	242285	239498
widowers	14293	10956	7859	7685	8527	7112	7754	7129	7227	6089	5747
divorced	103694	98632	65486	73192	83729	64045	76501	78883	90966	73618	72953
status unknown	147	—	—	—	—	—	—	—	—	—	—
<b>Females</b>											
Total	482753	431731	274523	317228	370966	278225	332143	354959	416427	321992	318198
of which											
never married before	372794	328072	204277	240077	283488	210707	251476	272776	321779	244190	242123
widows	17716	13704	10197	10748	11809	9514	10824	10391	11238	9277	8510
divorced	92037	89955	60049	66403	75669	58004	69843	71792	83410	68525	67565
status unknown	206	—	—	—	—	—	—	—	—	—	—

**16.27. Divorces by the number of children in common under 18 in 2009**

	Total divorces, units	Of which by number of children in common				
		without children in common	with children in common			
			one	two	three and more	
					number of divorces	in which number of children
<b>Total</b>	<b>145439</b>	<b>65545</b>	<b>65157</b>	<b>13065</b>	<b>1672</b>	<b>5570</b>
in urban areas	112681	52925	50664	8335	757	2490
in rural areas	32758	12620	14493	4730	915	3080

## POPULATION

**16.28. Divorces, by duration of marriage**

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

**16.29. Population migration in 2009**

	Persons			Per 100 thsd. present population		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
<b>Total migration</b>	<b>642819</b>	<b>629372</b>	<b>13447</b>	<b>1395,8</b>	<b>1366,6</b>	<b>29,2</b>
within Ukraine	609902	609902	×	1324,3	1324,3	×
within individual regions	367104	367104	×	797,1	797,1	×
interregional migration	242798	242798	×	527,2	527,2	×
international migration	32917	19470	13447	71,5	42,3	29,2

POPULATION

**16.30. Population migration in 2009, 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>32917</b>	<b>19470</b>	<b>13447</b>	<b>242798</b>	<b>242798</b>	<b>×</b>
Autonomous Republic of Crimea	3534	1402	2132	8944	8054	890
<b>oblasts</b>						
Vinnitsya	1376	586	790	8879	10216	−1337
Volyn	470	437	33	4719	4970	−251
Dnipropetrovsk	1580	1229	351	11888	13322	−1434
Donetsk	3118	2409	709	11059	13627	−2568
Zhytomyr	478	359	119	6812	8444	−1632
Zakarpattia	251	480	−229	2316	3254	−938
Zaporizhzhya	1482	880	602	6912	7397	−485
Ivano-Frankivsk	522	392	130	5136	5380	−244
Kyiv	714	275	439	17121	15416	1705
Kirovohrad	428	336	92	5510	7970	−2460
Luhansk	1382	1827	−445	6588	8765	−2177
Lviv	529	636	−107	8058	8494	−436
Mykolayiv	927	429	498	5666	6881	−1215
Odesa	3793	842	2951	10679	7911	2768
Poltava	603	409	194	8691	8680	11
Rivne	313	448	−135	5969	7301	−1332
Sumy	609	429	180	5694	7112	−1418
Ternopil	336	329	7	4500	5726	−1226
Kharkiv	2490	1967	523	16451	14989	1462
Kherson	618	461	157	5641	7007	−1366
Khmelnyskiy	580	335	245	8181	8764	−583
Cherkasy	645	316	329	9308	9262	46
Chernivtsi	614	219	395	3817	3286	531
Chernihiv	783	465	318	6915	7117	−202
<b>cities</b>						
Kyiv	3970	1254	2716	43690	31002	12688
Sevastopol <sup>1</sup>	772	319	453	3654	2451	1203

## POPULATION

Table 16.30 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>71,5</b>	<b>42,3</b>	<b>29,2</b>	<b>527,2</b>	<b>527,2</b>	<b>×</b>
Autonomous Republic of Crimea	179,7	71,3	108,4	454,9	409,6	45,3
<b>oblasts</b>						
Vinnitsya	83,1	35,4	47,7	536,4	617,2	−80,8
Volyn	45,4	42,2	3,2	455,3	479,5	−24,2
Dnipropetrovsk	47,0	36,6	10,4	353,3	395,9	−42,6
Donetsk	69,5	53,7	15,8	246,6	303,9	−57,3
Zhytomyr	37,0	27,8	9,2	528,1	654,6	−126,5
Zakarpattia	20,2	38,6	−18,4	186,2	261,6	−75,4
Zaporizhzhya	81,6	48,5	33,1	380,5	407,2	−26,7
Ivano-Frankivsk	37,8	28,4	9,4	371,9	389,6	−17,7
Kyiv	41,4	15,9	25,5	992,6	893,8	98,8
Kirovohrad	41,9	32,9	9,0	538,9	779,5	−240,6
Luhansk	59,5	78,7	−19,2	283,8	377,5	−93,7
Lviv	20,7	24,9	−4,2	315,8	332,9	−17,1
Mykolayiv	77,7	36,0	41,7	475,1	576,9	−101,8
Odesa	158,6	35,2	123,4	446,5	330,8	115,7
Poltava	40,1	27,2	12,9	577,3	576,6	0,7
Rivne	27,2	38,9	−11,7	518,5	634,2	−115,7
Sumy	51,7	36,4	15,3	483,2	603,6	−120,4
Ternopil	30,8	30,2	0,6	412,4	524,8	−112,4
Kharkiv	89,7	70,9	18,8	592,7	540,0	52,7
Kherson	56,4	42,1	14,3	514,5	639,1	−124,6
Khmelnyskiy	43,3	25,0	18,3	611,6	655,2	−43,6
Cherkasy	49,6	24,3	25,3	716,1	712,6	3,5
Chernivtsi	67,9	24,2	43,7	422,1	363,4	58,7
Chernihiv	70,2	41,7	28,5	619,9	638,0	−18,1
<b>cities</b>						
Kyiv	143,0	45,1	97,9	1574,2	1117,1	457,1
Sevastopol <sup>1</sup>	203,0	83,9	119,1	960,9	644,5	316,4

<sup>1</sup> See the second footnote to Table 16.3

## 17. EMPLOYMENT

**Economically active population**, in line with labour force concept, comprises all people of both sexes aged 15–70 who during a certain period furnish labour for the production of goods and services. Economically active population includes persons engaged in economic activity defined as bringing gains and the unemployed. The numbers of the mentioned categories and their characteristics are calculated on the basis of data from sample surveys of economic activity of the population (households) that implemented in practice of the state statistics offices since 1995 basing on recommendations of International Labour Organisation (ILO). These sample surveys are conducted in the areas where the population inhabit and covers persons aged 15–70 for whom the estimates of indicators for economic activity employment and unemployment are produced.

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

during the reference week were employed at least one hour to receive cash or in-kind payment. They worked individually (self-employed) or were employed by other individuals or worked at their own (family) enterprise; worked for free at enterprises or 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 average annual number of the employed before 1995

(inclusive) are based on balance of labour force and since 2000 from sample surveys of the households. In this Table the distribution of the employed at enterprises, organisations prior to 1990 (inclusive) is made according to *Classification of Types of Economic Branches* and from 1995 by *Classification of Types of Economic Activity*. The distribution of the total employed by type of economic activity (Table 17.5) is made through a complex estimate based on integration of data from sample surveys of households, the state statistical observations over enterprises, departments, organisations and administrative reporting.

**The number of employees** at enterprises, departments, organisations (Tables 17.7, 17.8) covers the employed who concluded a labour agreement (contract, civil and legal treaty) at their work. This agreement could be either permanent or temporary. This category includes employees of entities, budget-funded and financial establishments and non-government organisations as well as professional military personnel in career service (apart from military service for a regular term), persons from private corps and key personnel of law-enforcement bodies.

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

The indicator characterizing the employed mentioned in Tables 17.28–17.42 does not include employees of statistically small enterprises and of natural persons-entrepreneurs.

Tables 17.28–17.31 give the indicator on the average registered number of regular employees and which does not include those working according to the civil and legal treaties. It is averaged over a period:

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

calendar day of the month, i.e. from the 1<sup>st</sup> to 30<sup>th</sup> or 31<sup>st</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 registered number of employees for all months of work that passed during the reference year and by dividing the obtained sum by the number of months (i.e. 12).

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

Tables 17.32–17.34; 17.40–17.42 present the accountable strength of regular employees for the end of 2009.

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

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

**Following ILO methodology, the unemployed** are defined as persons aged 15–70 (registered as well as unregistered at a State Employment Office) who meet the following three requirements: were without work (gainful employment); during the last four weeks were actively seeking a job or were trying to establish their own business; during the recent two weeks were available to work, i.e. to be employed or to work at their own enterprise in order to get wages or income. The category of the unemployed includes persons who will start working during the next two weeks; have found a job or await a reply; undergoing training by the State Employment Office order.

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

**Unemployment rate (ILO methodology)** is a ratio (percent) of the

unemployed aged 15–70 to the economically active population (labour force) of the specific age or the relevant social and demographic characteristics.

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

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

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

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

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

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

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

**Training and upgrading of staff** cover the employees from enterprises, departments and organisations (excluding employees of statistically small enterprises and those



employed by physical persons) who were trained directly on the site or at educational establishments of different types on accounts of enterprises' funds.

**Training in new professions** includes the primary professional training of persons who previously did not have any professions and staff retraining in new professions as compared with the previously acquired one.

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

The category of employees who underwent training and qualification upgrading excludes employees who were trained on order of the State Employment Service or from own funds.

**Worked hours** are measured in man-hours for employees who actually worked at the enterprise including those who are part-time employees, performed overtime work, worked during week-ends and holidays (off days) or worked extra month (on top of the

schedule) as well as man-hours of work by internal dual jobholders or home-workers.

**Working hours lost** are hours available for work but not worked since absence was permitted by administration, an employee was shifted to a part-time work due to economic reasons, additional leave without or with partial saving wages, 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 current legislation of temporary disability, temporary transfer for work at the other enterprise, etc.

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

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

# EMPLOYMENT

## 17.1. Population, by economic activity

(aged 15–70; thsd.)

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

## 17.2. Population in 2009, 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>22150,3</b>	<b>10761,1</b>	<b>11389,2</b>	<b>15141,6</b>	<b>7008,7</b>
of working age	20321,6	9443,0	10878,6	14211,0	6110,6
older than working age	1828,7	1318,1	510,6	930,6	898,1
<b>Employed</b>	<b>20191,5</b>	<b>9974,3</b>	<b>10217,2</b>	<b>13684,8</b>	<b>6506,7</b>
of working age	18365,0	8657,7	9707,3	12756,4	5608,6
older than working age	1826,5	1316,6	509,9	928,4	898,1
<b>Unemployed</b>	<b>1958,8</b>	<b>786,8</b>	<b>1172,0</b>	<b>1456,8</b>	<b>502,0</b>
of working age	1956,6	785,3	1171,3	1454,6	502,0
older than working age	2,2	1,5	0,7	2,2	0,0
<b>Economically inactive population</b>	<b>12823,0</b>	<b>7753,4</b>	<b>5069,6</b>	<b>9379,1</b>	<b>3443,9</b>
of working age	8051,7	4363,9	3687,8	5800,7	2251,0
older than working age	4771,3	3389,5	1381,8	3578,4	1192,9

## EMPLOYMENT

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

	2000		2005		2008		2009	
	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>22397,4</b>	<b>63,3</b>	<b>22150,3</b>	<b>63,3</b>
Autonomous Republic of Crimea	989,8	61,2	958,7	62,2	964,4	63,2	972,2	64,4
<b>oblasts</b>								
Vinnitsya	919,1	72,1	775,4	61,8	775,3	62,7	776,1	63,6
Volyn	540,0	72,0	471,8	63,1	478,2	64,1	472,5	63,4
Dnipropetrovsk	1735,8	63,7	1665,7	61,8	1664,1	63,0	1666,5	64,2
Donetsk	2383,5	63,8	2265,1	62,6	2267,3	64,4	2186,9	63,2
Zhytomyr	624,8	61,9	632,5	64,2	622,1	64,5	621,8	65,3
Zakarpattia	569,6	62,9	592,3	64,5	590,0	64,0	582,6	63,2
Zaporizhzhya	924,4	62,7	908,3	62,4	904,3	63,3	897,2	63,8
Ivano-Frankivsk	653,3	64,6	572,8	56,5	588,4	58,0	578,1	57,0
Kyiv	847,2	62,8	846,9	62,8	845,3	63,8	821,2	62,8
Kirovohrad	511,1	61,5	501,5	61,9	499,2	63,6	480,3	62,4
Luhansk	1135,3	57,5	1143,2	60,1	1144,0	62,1	1111,6	61,5
Lviv	1249,5	65,2	1167,0	61,2	1182,2	62,2	1185,5	62,5
Mykolayiv	586,4	61,8	595,0	63,2	598,2	64,3	590,0	64,2
Odesa	1151,3	62,1	1086,4	58,7	1117,8	60,6	1115,5	61,0
Poltava	748,2	62,5	744,5	62,9	739,3	63,7	721,0	63,2
Rivne	491,7	59,2	511,1	61,2	524,3	63,0	528,4	63,5
Sumy	603,5	62,6	591,2	63,0	587,4	64,2	562,3	62,5
Ternopil	475,1	58,1	467,4	57,9	466,0	58,2	475,9	59,6
Kharkiv	1463,5	65,9	1388,8	62,5	1386,5	63,2	1371,1	63,3
Kherson	556,4	62,8	548,9	63,1	553,6	64,9	538,0	64,0
Khmelnyskiy	652,7	63,0	641,9	63,4	646,0	64,6	640,1	64,6
Cherkasy	605,9	59,3	641,6	63,2	635,0	63,9	629,8	64,3
Chernivtsi	354,0	53,6	401,2	60,4	415,9	62,4	415,2	62,3
Chernihiv	586,9	64,8	562,3	64,9	542,9	64,8	540,0	65,6
<b>cities</b>								
Kyiv	1333,3	66,2	1412,6	66,2	1465,7	66,9	1477,5	67,5
Sevastopol	138,5	64,1	186,7	62,7	194,0	65,2	193,0	65,4

# EMPLOYMENT

## 17.4. Employment

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

## 17.5. Employment, by type of economic activity

(thsd.)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>20175,0</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>	<b>20972,3</b>	<b>20191,5</b>
Agriculture, hunting, forestry	4334,1	4107,0	4079,1	3974,6	3986,3	3633,8	3468,1	3300,1	3131,0
Industry	4598,3	4220,4	4123,2	4077,1	4072,4	4036,9	3973,0	3871,4	3546,9
Construction	903,6	838,9	833,5	907,5	941,5	987,1	1030,2	1043,4	966,2
Trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	3121,3	3657,1	3752,4	3971,2	4175,2	4403,9	4564,4	4744,4	4729,1
Transport and communications	1355,0	1353,5	1361,4	1374,9	1400,5	1428,3	1451,9	1465,8	1387,9
Financial activity	166,1	178,0	190,3	216,1	247,9	283,9	344,4	394,9	351,4
Real estate transactions, renting, engineering and provision of services to businessmen	815,9	848,2	914,8	919,9	966,6	1041,9	1134,7	1150,4	1148,9
Public administration	1198,6	1183,4	1170,6	1050,2	1028,9	1033,7	1036,4	1067,5	1078,6
Education	1609,7	1630,3	1637,2	1648,7	1668,2	1690,5	1693,7	1702,4	1698,4
Health care and provision of social aid	1379,6	1359,8	1366,5	1348,9	1356,6	1356,7	1359,0	1369,9	1348,1
Other types of economic activity	692,8	714,6	734,3	806,6	835,9	833,7	848,9	862,1	805,0

## EMPLOYMENT

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

	2000		2005		2008		2009	
	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>20972,3</b>	<b>59,3</b>	<b>20191,5</b>	<b>57,7</b>
Autonomous Republic of Crimea	909,9	56,2	906,1	58,7	918,7	60,2	905,7	60,0
<b>oblasts</b>								
Vinnitsya	839,4	65,9	723,0	57,6	725,6	58,7	693,5	56,9
Volyn	486,2	64,8	429,9	57,5	438,6	58,8	428,0	57,4
Dnipropetrovsk	1534,3	56,3	1573,8	58,4	1580,0	59,9	1537,1	59,3
Donetsk	2153,2	57,6	2124,9	58,7	2138,8	60,7	1981,3	57,3
Zhytomyr	548,0	54,3	570,6	57,9	568,2	58,9	555,2	58,3
Zakarpattia	503,3	55,6	551,0	60,0	552,2	59,9	524,7	56,9
Zaporizhzhya	807,4	54,8	846,0	58,2	850,4	59,5	824,2	58,6
Ivano-Frankivsk	584,7	57,8	522,5	51,6	541,9	53,4	526,3	51,9
Kyiv	739,0	54,8	791,0	58,6	796,1	60,1	755,0	57,7
Kirovohrad	435,2	52,4	457,5	56,5	459,1	58,5	432,7	56,2
Luhansk	1008,3	51,1	1054,4	55,4	1068,8	58,0	1026,2	56,7
Lviv	1082,7	56,5	1064,6	55,8	1092,5	57,5	1085,0	57,2
Mykolayiv	501,0	52,8	539,8	57,3	548,5	58,9	535,2	58,2
Odesa	1015,0	54,7	1028,1	55,6	1067,2	57,9	1040,2	56,9
Poltava	672,3	56,2	690,3	58,3	691,6	59,6	647,1	56,7
Rivne	431,8	52,0	461,6	55,2	478,1	57,4	461,5	55,5
Sumy	513,8	53,3	546,0	58,1	543,7	59,4	500,1	55,5
Ternopil	409,4	50,1	425,1	52,6	424,9	53,1	422,1	52,9
Kharkiv	1272,4	57,3	1297,2	58,4	1312,9	59,8	1265,6	58,5
Kherson	479,3	54,1	499,9	57,5	507,5	59,5	486,9	57,9
Khmelnyskiy	562,9	54,4	586,0	57,9	594,4	59,4	579,0	58,5
Cherkasy	534,9	52,3	578,7	57,0	583,1	58,6	561,7	57,3
Chernivtsi	293,6	44,5	361,7	54,5	381,0	57,2	376,3	56,5
Chernihiv	520,5	57,5	517,9	59,8	501,4	59,8	479,8	58,3
<b>cities</b>								
Kyiv	1218,3	60,5	1352,0	63,3	1420,2	64,9	1381,0	63,1
Sevastopol	118,2	54,7	180,4	60,6	186,9	62,8	180,1	61,1

# EMPLOYMENT

## 17.7. Number of employees, by type of economic activity

(thsd.)

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

## 17.8. Number of employees, by region

(thsd.)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>16044,0</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>	<b>13938,9</b>	<b>12948,5</b>
Autonomous Republic of Crimea	611,6	572,8	552,9	572,8	585,3	580,4	571,8	575,8	540,9
<b>oblasts</b>									
Vinnitsya	590,6	545,5	505,7	475,8	502,4	472,6	460,0	450,0	409,3
Volyn	320,8	285,9	275,0	263,8	263,6	272,3	271,3	271,2	253,2
Dnipropetrovsk	1342,8	1194,8	1172,8	1173,4	1170,8	1181,9	1198,1	1186,5	1095,0
Donetsk	1703,2	1559,8	1515,7	1488,0	1480,6	1481,5	1501,2	1483,4	1354,9
Zhytomyr	457,9	412,2	403,5	385,9	367,9	376,2	375,9	366,6	334,4
Zakarpattia	305,6	273,0	259,8	259,5	247,4	248,8	247,3	247,7	234,6
Zaporizhzhya	701,2	633,2	618,1	605,5	633,6	626,3	631,1	622,7	570,1
Ivano-Frankivsk	356,8	315,7	301,4	291,9	291,7	301,5	301,3	301,7	276,6
Kyiv	659,7	627,3	610,9	603,3	647,4	650,8	653,4	652,7	617,1
Kirovohrad	356,1	333,5	304,2	295,4	281,2	287,9	274,2	267,8	253,4
Luhansk	781,3	723,1	722,0	699,6	685,9	683,0	681,9	676,7	629,5
Lviv	817,9	753,8	737,2	724,9	723,1	744,6	735,0	732,1	673,2
Mykolayiv	423,5	380,8	367,7	357,8	348,8	351,2	327,7	321,5	297,0
Odesa	789,9	726,0	693,8	705,2	704,6	697,4	705,4	698,7	653,7
Poltava	573,9	531,2	515,4	494,6	488,0	502,5	486,0	481,3	437,1
Rivne	343,5	314,2	298,7	291,0	284,1	289,8	287,2	286,5	270,0
Sumy	456,2	421,9	398,9	379,7	361,8	364,8	361,0	353,6	323,4
Ternopil	330,5	289,5	260,7	252,0	249,2	256,7	250,0	245,3	223,3
Kharkiv	986,0	917,7	893,8	879,8	869,8	893,8	881,2	868,4	814,1
Kherson	372,8	320,4	295,0	281,0	274,4	267,7	264,6	264,1	245,8
Khmelnyskiy	482,6	431,6	397,5	374,4	356,7	342,3	335,9	329,6	308,5
Cherkasy	469,8	420,3	401,2	382,1	379,1	386,4	381,2	375,4	344,3
Chernivtsi	230,3	198,5	188,3	183,3	179,3	177,5	175,9	176,2	166,5
Chernihiv	402,7	377,5	362,3	354,3	342,9	341,7	336,3	330,4	298,3
<b>cities</b>									
Kyiv	1062,8	1109,2	1147,8	1128,9	1151,9	1162,8	1178,7	1247,9	1206,1
Sevastopol	114,0	124,1	123,2	137,3	133,8	126,8	128,3	125,1	118,2

## EMPLOYMENT

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

	2000		2005		2008		2009	
	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>1425,1</b>	<b>6,4</b>	<b>1958,8</b>	<b>8,8</b>
Autonomous Republic of Crimea	79,9	8,1	52,6	5,5	45,7	4,7	66,5	6,8
<b>oblasts</b>								
Vinnitsya	79,7	8,7	52,4	6,8	49,7	6,4	82,6	10,6
Volyn	53,8	10,0	41,9	8,9	39,6	8,3	44,5	9,4
Dnipropetrovsk	201,5	11,6	91,9	5,5	84,1	5,1	129,4	7,8
Donetsk	230,3	9,7	140,2	6,2	128,5	5,7	205,6	9,4
Zhytomyr	76,8	12,3	61,9	9,8	53,9	8,7	66,6	10,7
Zakarpattia	66,3	11,6	41,3	7,0	37,8	6,4	57,9	9,9
Zaporizhzhya	117,0	12,7	62,3	6,9	53,9	6,0	73,0	8,1
Ivano-Frankivsk	68,6	10,5	50,3	8,8	46,5	7,9	51,8	9,0
Kyiv	108,2	12,8	55,9	6,6	49,2	5,8	66,2	8,1
Kirovohrad	75,9	14,9	44,0	8,8	40,1	8,0	47,6	9,9
Luhansk	127,0	11,2	88,8	7,8	75,2	6,6	85,4	7,7
Lviv	166,8	13,3	102,4	8,8	89,7	7,6	100,5	8,5
Mykolayiv	85,4	14,6	55,2	9,3	49,7	8,3	54,8	9,3
Odesa	136,3	11,8	58,3	5,4	50,6	4,5	75,3	6,8
Poltava	75,9	10,1	54,2	7,3	47,7	6,5	73,9	10,2
Rivne	59,9	12,2	49,5	9,7	46,2	8,8	66,9	12,7
Sumy	89,7	14,9	45,2	7,6	43,7	7,4	62,2	11,1
Ternopil	65,7	13,8	42,3	9,1	41,1	8,8	53,8	11,3
Kharkiv	191,1	13,1	91,6	6,6	73,6	5,3	105,5	7,7
Kherson	77,1	13,9	49,0	8,9	46,1	8,3	51,1	9,5
Khmelnyskiy	89,8	13,8	55,9	8,7	51,6	8,0	61,1	9,5
Cherkasy	71,0	11,7	62,9	9,8	51,9	8,2	68,1	10,8
Chernivtsi	60,4	17,1	39,5	9,8	34,9	8,4	38,9	9,4
Chernihiv	66,4	11,3	44,4	7,9	41,5	7,6	60,2	11,1
<b>cities</b>								
Kyiv	115,0	8,6	60,6	4,3	45,5	3,1	96,5	6,5
Sevastopol	20,3	14,7	6,3	3,4	7,1	3,7	12,9	6,7

## EMPLOYMENT

**17.10. Economically active population in 2009, 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>22150,3</b>	<b>12,9</b>	<b>13,2</b>	<b>12,6</b>	<b>12,5</b>	<b>25,2</b>	<b>18,4</b>	<b>5,2</b>
females	10761,1	11,3	12,0	12,2	12,5	27,2	18,8	6,0
males	11389,2	14,5	14,3	13,1	12,4	23,3	17,9	4,5
<b>employed</b>	<b>20191,5</b>	<b>11,7</b>	<b>13,0</b>	<b>12,7</b>	<b>12,5</b>	<b>25,4</b>	<b>19,0</b>	<b>5,7</b>
females	9974,3	10,4	11,7	12,2	12,5	27,3	19,4	6,5
males	10217,2	12,9	14,2	13,2	12,6	23,6	18,5	5,0
<b>unemployed</b>	<b>1958,8</b>	<b>26,0</b>	<b>15,6</b>	<b>12,2</b>	<b>11,1</b>	<b>22,9</b>	<b>12,1</b>	<b>0,1</b>
females	786,8	23,3	16,1	11,9	12,0	25,4	11,2	0,1
males	1172,0	27,8	15,2	12,4	10,5	21,2	12,8	0,1

**17.11. Employment rate in 2009, 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>57,7</b>	<b>34,5</b>	<b>72,2</b>	<b>76,5</b>	<b>79,3</b>	<b>77,0</b>	<b>59,5</b>	<b>23,8</b>
females	53,9	31,0	65,2	72,2	76,4	77,5	54,1	21,8
males	62,1	37,8	78,9	80,9	82,3	76,5	66,3	26,9
urban population	55,8	31,2	72,7	76,7	79,2	76,6	56,8	15,6
rural population	62,2	42,1	70,8	76,1	79,6	78,0	66,2	40,1

**17.12. ILO unemployment rate in 2009, 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>8,8</b>	<b>17,8</b>	<b>10,4</b>	<b>8,5</b>	<b>7,9</b>	<b>8,0</b>	<b>5,8</b>	<b>0,1</b>
females	7,3	15,1	9,8	7,1	7,0	6,8	4,3	0,1
males	10,3	19,8	10,9	9,7	8,8	9,3	7,3	0,1
urban population	9,6	20,3	11,1	9,0	8,2	8,4	6,1	0,3
rural population	7,2	13,2	8,3	7,2	7,3	7,2	5,3	—



## EMPLOYMENT

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

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total unemployed, thsd.</b>	<b>2655,8</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>	<b>1425,1</b>	<b>1958,8</b>
of which persons who had jobs in the past	2115,7	1743,6	1667,0	1439,7	1234,6	1182,1	1089,8	1112,5	1615,2
of which by period of unemployment, percent									
under 1 month	2,5	2,4	2,3	5,4	6,4	6,8	7,9	12,7	8,5
from 1 to 3 months	8,3	9,9	10,6	12,1	15,3	17,6	20,5	23,2	23,4
from 3 to 6 months	9,0	9,5	11,3	13,4	17,5	19,7	20,2	18,9	25,9
from 6 to 9 months	7,8	9,0	9,4	10,5	10,0	11,4	10,1	9,5	14,3
from 9 to 12 months	9,1	8,7	8,4	8,9	8,3	6,9	6,4	7,0	9,5
12 months and longer	63,3	60,5	58,0	49,7	42,5	37,6	34,9	28,7	18,4
<i>Average period of unemployment, months</i>	<i>23</i>	<i>22</i>	<i>22</i>	<i>20</i>	<i>16</i>	<i>14</i>	<i>13</i>	<i>11</i>	<i>9</i>

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

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total unemployed, thsd.</b>	<b>2655,8</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>	<b>1425,1</b>	<b>1958,8</b>
of which those who sought a job or tried to establish own business	2176,3	2052,9	1915,8	1808,6	1523,5	1443,8	1362,6	1347,9	1896,6
of which, by duration of job-search, percent									
under 1 month	3,6	2,7	3,1	8,0	9,7	10,9	11,9	14,6	11,0
from 1 to 3 months	11,2	12,6	13,9	17,8	23,4	25,4	27,2	30,8	28,4
from 3 to 6 months	11,7	11,6	12,9	15,2	20,4	21,7	22,0	19,9	26,9
from 6 to 9 months	8,5	10,1	10,5	10,9	10,7	10,7	10,6	9,0	13,4
from 9 to 12 months	9,6	9,8	9,6	5,6	6,0	5,5	5,3	5,1	6,3
12 months and longer	55,4	53,2	50,0	42,5	29,8	25,8	23,0	20,6	14,0
<i>Average duration of job search, months</i>	<i>10</i>	<i>10</i>	<i>9</i>	<i>8</i>	<i>7</i>	<i>6</i>	<i>6</i>	<i>6</i>	<i>6</i>

# EMPLOYMENT

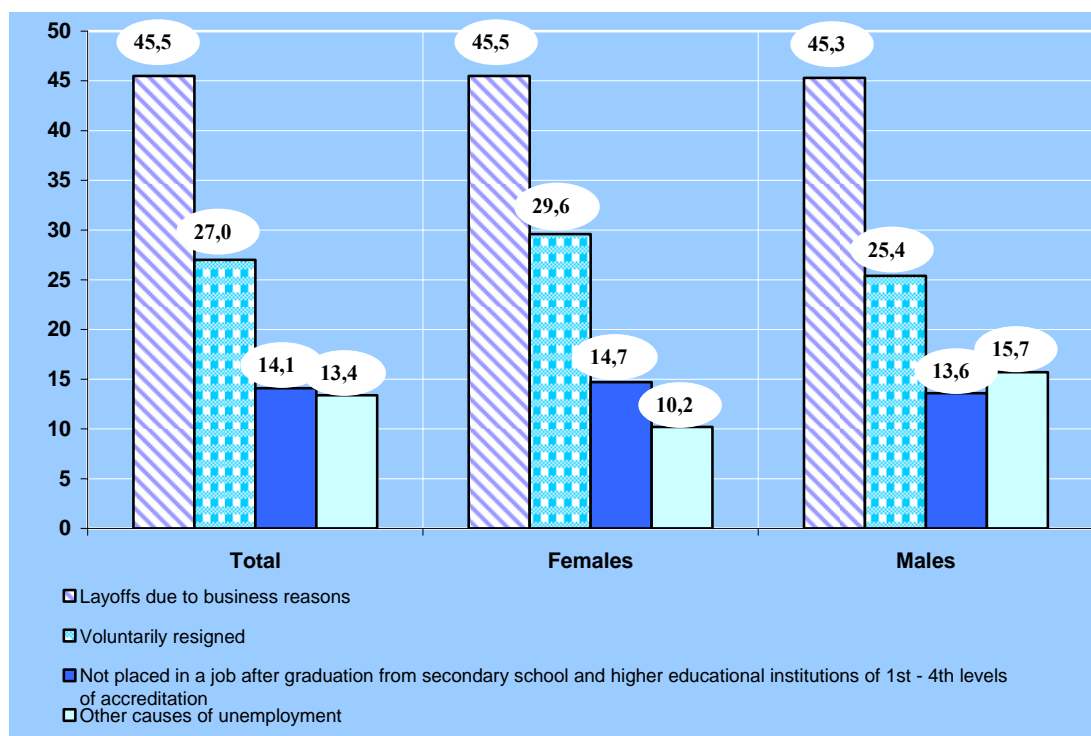
## 17.15. ILO unemployed, by cause of unemployment

(aged 15–70)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total unemployed, thsd.</b>	<b>2655,8</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>	<b>1425,1</b>	<b>1958,8</b>
By cause of unemployment, percent									
layoffs due to business reasons	40,2	33,6	33,2	32,9	31,3	30,0	28,9	28,1	45,5
voluntarily resigned	29,8	37,5	38,9	37,8	35,1	37,4	38,2	38,6	27,0
demobilised after term military service	2,3	2,2	1,7	1,7	1,5	1,1	1,2	1,2	0,8
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	16,8	15,6	18,0	16,3	17,0	17,4	18,3	14,1
layoffs caused by state of health, old-age pension or disability	1,1	0,9	1,1	1,3	1,7	1,2	0,8	0,7	0,7
layoffs due to the end of contract	5,1	5,6	5,9	3,6	7,7	10,3	10,3	10,9	9,0
other causes of unemployment	3,2	3,4	3,6	4,7	6,4	3,0	3,2	2,2	2,9

## 17.16. ILO unemployed in 2009 by cause of unemployment and sex

(aged 15–70; percent)



EMPLOYMENT

**17.17. Layoffs, by type of economic activity**

	2005			2008			2009		
	thsd.	percentage of projected job losses	females, percentage of the total	thsd.	percentage of projected job losses	females, percentage of the total	thsd.	percentage of projected job losses	females, percentage of the total
<b>Total layoffs at enterprises, establishments and organisations</b>	<b>132,5</b>	<b>29,6</b>	<b>58,3</b>	<b>77,4</b>	<b>25,8</b>	<b>54,2</b>	<b>175,0</b>	<b>34,0</b>	<b>49,7</b>
Agriculture, hunting, forestry	20,4	54,7	51,9	4,2	43,3	46,8	6,7	37,5	42,5
Fishing	0,5	28,3	37,7	0,1	29,1	31,5	0,2	61,7	27,3
Industry	46,2	43,4	60,5	35,7	36,6	53,2	83,2	39,6	45,5
mining	3,1	29,2	56,6	5,4	34,1	42,8	7,0	32,7	41,6
manufacturing	39,0	48,3	61,8	27,7	41,1	55,4	70,0	44,0	45,5
production of electricity, gas and water	4,1	27,0	50,5	2,6	18,3	51,5	6,2	20,9	49,9
Construction	6,5	41,0	47,0	4,7	38,4	39,9	11,1	32,8	31,0
Trade; repair of motor vehicles, household appliances and personal demand items	12,2	53,2	69,8	5,9	43,0	60,1	14,5	44,3	54,1
Hotels and restaurants	1,1	46,3	80,3	0,5	33,4	72,5	1,2	51,5	74,5
Transport and communications	6,7	37,7	46,8	4,4	20,1	51,6	9,1	29,2	47,2
Financial activity	2,2	18,0	58,9	1,9	27,9	60,6	15,8	35,6	68,5
Real estate transactions, renting, engineering and provision of services to businessmen	6,9	30,5	62,1	4,4	23,8	60,3	10,9	35,9	56,1
Public administration	18,8	12,0	51,5	8,9	10,4	49,9	10,2	16,1	50,3
Education	3,5	18,7	72,1	2,4	18,5	70,9	3,5	18,1	70,2
Health care and provision of social aid	4,0	18,3	76,9	2,5	18,6	74,0	3,4	23,0	77,8
Provision of communal and individual services; cultural and sporting activity	3,5	32,3	59,8	1,8	34,8	61,0	5,2	36,9	51,0

EMPLOYMENT

**17.18. Layoffs, by region**

	2005		2008		2009	
	thsd.	percentage of projected job losses	thsd.	percentage of projected job losses	thsd.	percentage of projected job losses
<b>Ukraine</b>	<b>132,5</b>	<b>29,6</b>	<b>77,4</b>	<b>25,8</b>	<b>175,0</b>	<b>34,0</b>
Autonomous Republic of Crimea	5,4	25,0	2,7	22,4	5,4	34,4
<b>oblasts</b>						
Vinnitsya	5,9	34,3	1,8	19,7	3,2	30,0
Volyn	2,9	27,0	1,5	22,4	3,2	29,3
Dnipropetrovsk	8,2	31,5	6,9	36,2	14,6	38,8
Donetsk	9,7	31,7	10,0	30,6	21,2	33,7
Zhytomyr	3,6	23,7	1,8	17,4	3,7	26,9
Zakarpattia	3,2	40,6	1,3	32,7	3,1	32,0
Zaporizhzhya	5,3	28,8	3,6	38,5	9,1	43,2
Ivano-Frankivsk	3,7	29,6	2,1	27,1	3,9	26,9
Kyiv	3,1	22,6	2,0	20,4	4,4	30,9
Kirovohrad	3,1	30,7	1,6	32,6	3,1	39,5
Luhansk	6,9	39,3	6,1	29,5	10,1	32,1
Lviv	8,5	31,1	4,5	24,8	6,9	25,4
Mykolayiv	3,7	32,3	1,8	33,7	2,9	40,0
Odesa	5,9	26,0	3,3	22,1	5,2	30,0
Poltava	5,0	34,0	2,7	23,4	8,7	38,7
Rivne	4,4	36,7	1,3	26,8	2,9	30,7
Sumy	5,2	32,4	1,5	15,5	3,7	33,3
Ternopil	3,5	29,5	1,0	23,1	1,7	23,4
Kharkiv	8,5	25,5	4,5	19,4	10,9	38,3
Kherson	3,0	29,7	1,2	22,3	2,9	32,5
Khmelnyskiy	4,6	28,2	1,8	24,4	3,6	40,5
Cherkasy	4,0	34,8	2,5	31,9	5,5	37,2
Chernivtsi	1,5	35,3	0,7	23,3	1,7	33,0
Chernihiv	4,1	29,3	2,2	29,5	4,1	27,5
<b>cities</b>						
Kyiv	8,0	23,5	6,1	23,2	25,4	37,4
Sevastopol	1,6	27,5	0,9	23,3	3,9	29,3

EMPLOYMENT

**17.19. Registered vacancies, by type of economic activity**

(end of year)

	2005		2008		2009	
	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>91,1</b>	<b>100,0</b>	<b>65,8</b>	<b>100,0</b>
Agriculture, hunting, forestry	10,4	5,6	4,0	4,4	2,2	3,3
Fishing	0,2	0,1	0,1	0,1	0,0	0,0
Industry	65,8	35,2	23,5	25,8	14,7	22,2
mining	13,5	7,2	2,5	2,7	0,8	1,2
manufacturing	47,0	25,2	16,5	18,1	12,1	18,3
production of electricity, gas and water	5,3	2,8	4,5	5,0	1,8	2,7
Construction	17,4	9,4	6,0	6,6	3,2	4,9
Trade; repair of motor vehicles, household appliances and personal demand items	19,8	10,6	8,9	9,8	7,7	11,7
Hotels and restaurants	1,9	1,0	1,2	1,3	0,6	1,0
Transport and communications	12,3	6,6	7,9	8,6	4,9	7,4
Financial activity	4,7	2,5	3,4	3,7	3,6	5,6
Real estate transactions, renting, engineering and provision of services to businessmen	15,5	8,3	8,5	9,3	7,6	11,6
Public administration	19,2	10,3	13,3	14,7	11,2	17,1
Education	3,9	2,1	3,2	3,5	1,5	2,2
Health care and provision of social aid	9,8	5,3	8,4	9,2	6,2	9,4
Provision of communal and individual services; cultural and sporting activity	5,7	3,0	2,7	3,0	2,4	3,6

## EMPLOYMENT

**17.20. Demand and supply of labour force on labour market, by region***(end of year)*

	Registered unemployed, thsd.			Vacancies, thsd.			Unemployed to vacancy ratio, persons		
	2005	2008	2009	2005	2008	2009	2005	2008	2009
<b>Ukraine</b>	<b>903,5</b>	<b>876,2</b>	<b>542,8</b>	<b>186,6</b>	<b>91,1</b>	<b>65,8</b>	<b>5</b>	<b>10</b>	<b>8</b>
Autonomous Republic of Crimea	36,1	26,9	17,3	5,3	3,4	2,6	7	8	7
<b>oblasts</b>									
Vinnitsya	42,2	43,2	26,8	3,0	1,1	0,6	14	39	48
Volyn	24,8	25,7	12,9	2,2	2,0	1,0	11	13	13
Dnipropetrovsk	51,1	54,4	35,7	18,2	10,0	6,5	3	5	5
Donetsk	54,4	57,9	41,6	34,8	10,1	3,3	2	6	13
Zhytomyr	33,7	33,9	22,8	3,3	2,4	1,5	10	14	15
Zakarpattia	26,1	23,4	13,1	3,4	1,1	0,7	8	21	19
Zaporizhzhya	34,6	37,5	27,4	6,7	1,9	1,1	5	20	25
Ivano-Frankivsk	33,8	31,6	17,3	2,0	0,6	0,2	17	48	81
Kyiv	27,0	28,6	17,3	7,0	3,7	2,1	4	8	8
Kirovohrad	29,2	26,2	18,2	3,8	1,1	0,6	8	25	31
Luhansk	35,1	35,9	18,4	9,3	2,2	1,3	4	16	14
Lviv	52,2	43,4	26,3	4,9	2,1	1,2	11	20	22
Mykolayiv	31,7	26,5	18,0	4,0	1,7	1,0	8	16	17
Odesa	31,6	30,6	17,8	5,7	3,0	2,2	6	10	8
Poltava	41,3	44,2	31,2	5,3	2,8	2,9	8	16	11
Rivne	36,1	33,0	19,0	1,8	2,1	0,7	20	16	25
Sumy	30,5	30,9	20,0	2,6	1,3	0,7	12	25	28
Ternopil	43,8	34,6	15,3	1,8	1,3	1,0	24	27	14
Kharkiv	47,5	48,2	32,5	12,5	4,4	2,6	4	11	12
Kherson	27,5	21,5	10,7	2,2	3,0	1,6	12	7	7
Khmelnyskiy	30,2	35,0	20,2	3,5	0,7	0,3	9	48	61
Cherkasy	41,1	39,7	26,5	1,5	0,5	0,3	27	77	91
Chernivtsi	26,7	18,6	10,5	1,8	0,8	0,4	15	25	25
Chernihiv	25,9	31,9	17,6	3,9	2,2	1,1	7	15	17
<b>cities</b>									
Kyiv	7,4	10,8	6,7	33,9	24,1	27,1	0,2	0,4	0,2
Sevastopol	1,9	2,1	1,7	2,2	1,5	1,2	1	1	1

# EMPLOYMENT

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

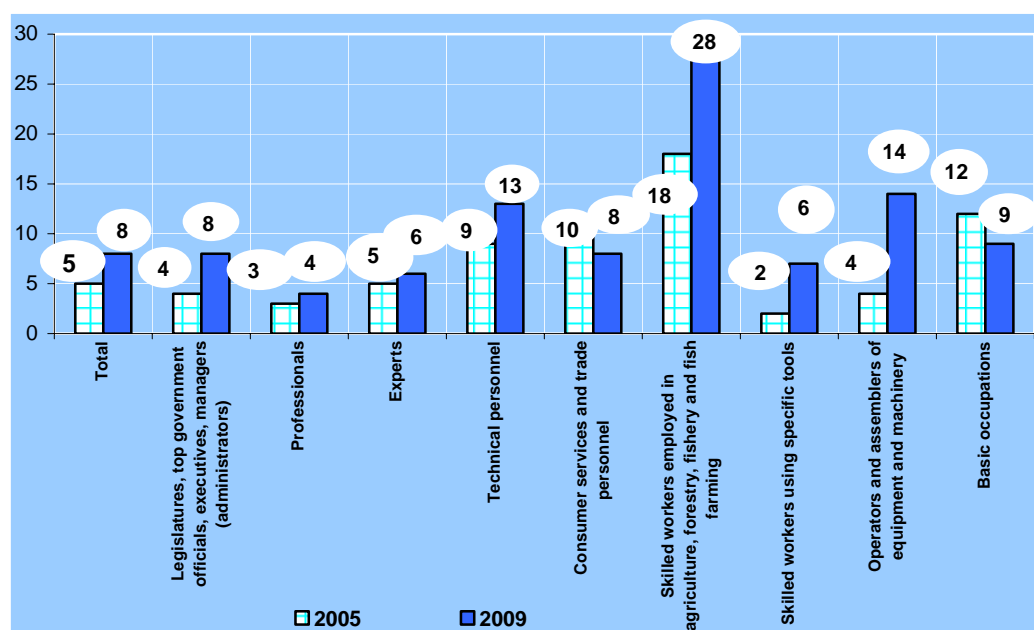
(end of year; thsd.)

	Registered unemployed			Registered vacancies		
	2005	2008	2009	2005	2008	2009
<b>Total</b>	<b>903,5</b>	<b>876,2</b>	<b>542,8</b>	<b>186,6</b>	<b>91,1</b>	<b>65,8</b>
Legislatures, top government officials, executives, managers (administrators)	56,0	66,9	51,8	12,7	7,0	6,5
Professionals	48,1	54,6	45,0	18,6	10,9	10,0
Experts	78,4	72,0	51,7	17,4	12,1	9,1
Technical personnel	46,7	46,2	31,2	5,1	3,8	2,4
Consumer services and trade personnel	120,6	106,6	66,0	12,4	8,4	8,0
Skilled workers employed in agriculture, forestry, fishery and fish farming	41,5	42,0	19,5	2,3	0,8	0,7
Skilled workers using specific tools	95,4	116,3	77,6	56,0	20,1	11,4
Operators and assemblers of equipment and machinery	153,5	176,8	106,8	39,6	14,4	7,7
Basic occupations <sup>1</sup>	263,3	194,8	93,2	22,5	13,6	10,0

<sup>1</sup> Including persons without occupations

## 17.22. Number of the unemployed per a vacant job, 2005 and 2009

(end of year; persons)



EMPLOYMENT

**17.23. Placement of registered unemployed, by type of economic activity**

	2005		2008		2009	
	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>1084,0</b>	<b>48,6</b>	<b>702,7</b>	<b>46,6</b>
Agriculture, hunting, forestry	181,9	46,4	203,7	40,4	153,0	33,8
Fishing	2,3	22,6	1,9	21,2	1,4	15,6
Industry	312,2	39,6	298,8	38,9	182,8	38,4
mining	35,6	20,3	33,4	19,1	21,0	14,5
manufacturing	244,9	42,1	232,2	41,2	136,3	41,4
production of electricity, gas and water	31,7	42,2	33,2	42,6	25,5	42,0
Construction	48,8	25,0	50,9	23,1	25,9	24,0
Trade; repair of motor vehicles, household appliances and personal demand items	219,5	64,7	238,3	63,0	135,3	63,4
Hotels and restaurants	17,4	79,3	23,6	79,1	16,3	79,7
Transport and communications	55,5	39,4	60,9	35,4	35,0	35,4
Financial activity	8,9	77,5	9,5	73,5	6,2	65,6
Real estate transactions, lease and services to legal persons	34,9	51,1	43,0	48,0	29,9	46,4
Public administration	44,1	60,7	42,3	61,6	32,0	58,5
Education	38,2	59,5	34,3	55,4	29,9	49,0
Health care and provision of social aid	47,6	75,8	46,5	75,5	35,6	71,8
Provision of communal and individual services; cultural and sporting activity	38,5	57,2	30,3	59,2	19,4	56,4



## EMPLOYMENT

**17.24. Placement of registered unemployed, by region***(thsd.)*

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>229,7</b>	<b>597,0</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>	<b>1084,0</b>	<b>702,7</b>
Autonomous Republic of Crimea	13,8	25,5	32,9	34,9	37,3	39,1	39,1	39,3	39,4	27,8
<b>oblasts</b>										
Vinnitsya	9,3	22,6	37,7	39,5	41,5	44,1	46,3	46,7	46,5	30,6
Volyn	4,2	12,9	26,8	29,2	31,8	34,0	34,7	35,3	35,2	23,7
Dnipropetrovsk	21,3	49,6	61,9	63,2	69,9	73,5	73,9	74,7	73,7	36,9
Donetsk	20,8	46,2	66,4	68,7	72,6	78,0	72,3	80,1	74,3	46,7
Zhytomyr	6,7	24,1	30,2	32,6	37,2	39,8	40,2	39,9	38,5	24,6
Zakarpattia	6,4	16,9	24,1	25,8	28,5	30,5	29,9	30,2	30,3	19,2
Zaporizhzhya	10,2	26,5	38,1	39,4	41,0	44,3	44,8	44,9	43,1	23,7
Ivano-Frankivsk	3,7	20,5	37,3	38,0	43,7	46,4	46,5	47,9	47,9	24,7
Kyiv	5,9	22,0	27,1	27,7	29,9	31,6	31,5	32,8	32,1	18,9
Kirovohrad	7,8	18,9	23,8	25,9	29,6	31,6	32,4	33,3	32,8	23,5
Luhansk	7,6	28,4	41,0	41,7	43,1	43,9	44,2	45,7	45,8	34,5
Lviv	6,6	24,5	34,4	35,9	40,6	43,7	48,5	51,4	51,7	35,1
Mykolayiv	6,4	21,4	24,0	24,2	26,8	28,7	30,8	31,5	31,6	25,6
Odesa	10,0	16,8	23,6	27,6	33,3	36,0	37,2	38,8	38,7	21,3
Poltava	12,8	28,7	35,4	37,1	41,0	43,2	44,9	45,6	45,2	33,9
Rivne	4,5	16,7	25,8	27,4	31,0	33,0	34,1	35,0	35,6	25,2
Sumy	6,3	19,5	30,7	31,0	40,9	39,2	37,5	37,1	37,1	19,6
Ternopil	7,1	16,3	23,7	28,6	30,4	34,9	36,7	37,4	37,5	23,0
Kharkiv	7,1	32,7	43,1	47,1	55,6	59,5	59,7	60,9	59,5	41,7
Kherson	5,9	13,6	18,0	20,9	22,9	26,2	32,2	34,0	33,2	16,0
Khmelnyskiy	12,7	20,4	26,3	28,4	33,1	36,2	37,5	38,3	38,5	32,5
Cherkasy	14,5	24,3	34,4	36,1	39,5	43,7	46,0	46,9	45,7	28,5
Chernivtsi	1,3	8,0	15,4	15,7	18,1	19,6	20,1	20,1	19,3	8,9
Chernihiv	7,5	22,2	27,1	27,5	30,1	31,6	31,7	32,0	32,0	18,0
<b>cities</b>										
Kyiv	6,9	14,6	19,2	19,8	31,3	34,0	34,6	35,3	35,4	35,4
Sevastopol	2,4	3,2	3,4	3,4	3,5	3,5	3,5	3,5	3,4	3,2

EMPLOYMENT

**17.25. Registered unemployment rate, by region**

(end of year; percent)

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

# EMPLOYMENT

## 17.26. Duration of registered unemployment<sup>1</sup>

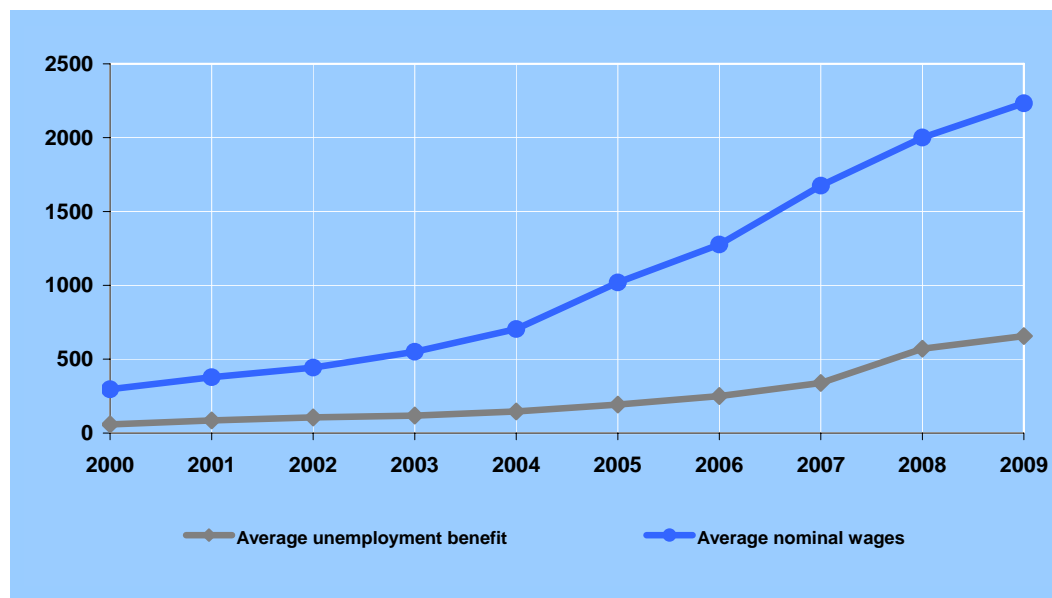
(end of year)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Persons with official unemployment status, thsd.</b>	<b>1155,2</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>	<b>844,9</b>	<b>531,6</b>
of which by period of unemployment, percent									
under 1 month	8,1	11,5	12,9	15,0	17,4	18,5	18,3	30,8	19,5
from 1 to 3 months	15,8	19,3	18,9	20,2	24,6	25,9	25,4	28,9	24,5
from 3 to 6 months	17,2	19,8	19,9	19,1	19,0	18,5	18,5	14,8	19,7
from 6 to 9 months	13,5	15,2	15,0	14,0	13,0	12,9	12,5	9,0	13,1
from 9 to 12 months	12,2	15,8	15,9	15,7	13,5	13,0	13,7	9,1	13,1
12 months and longer	33,2	18,4	17,4	16,0	12,5	11,2	11,6	7,4	10,1
<i>Average period of unemployment, months</i>	<i>11</i>	<i>8</i>	<i>7</i>	<i>7</i>	<i>6</i>	<i>6</i>	<i>6</i>	<i>4</i>	<i>5</i>

<sup>1</sup> See the footnote to Table 17.4

## 17.27. Unemployment benefit and wages in December of 2000–2009

(UAH)



EMPLOYMENT

**17.28. Average annual number of employees, by type of economic activity<sup>1</sup>**

(thsd.)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>18252</b>	<b>13678</b>	<b>12235</b>	<b>11711</b>	<b>11316<sup>2</sup></b>	<b>11388</b>	<b>11433</b>	<b>11413</b>	<b>11389</b>	<b>10653</b>
Agriculture, hunting, forestry	3888	2551	1877	1537	1274	1137	1005	868	783	699
Fishing	28	31	26	23	19	16	15	12	11	9
Industry	5485	4061	3578	3416	3408	3416	3362	3287	3188	2851
Construction	1037	590	453	431	441	461	477	500	497	385
Trade; repair of motor vehicles, household appliances and personal demand items	988	630	571	563	590	676	780	874	947	852
Hotels and restaurants	222	100	87	81	78	82	86	88	94	90
Transport and communications	1400	1110	1014	994	981	992	991	977	974	936
surface transport	703	518	415	395	374	368	349	338	312	293
water transport	49	36	31	27	17	17	16	15	14	12
air transport	16	14	12	12	12	12	14	14	12	12
additional transport services and auxiliary operations	367	285	301	308	325	336	351	358	392	388
post and communications	266	257	255	252	253	259	261	252	244	231
Financial activity	169	146	156	169	189	216	246	298	339	292
Real estate transactions, renting, engineering and provision of services to businessmen	859	596	569	560	545	564	599	615	631	615
of which research and development	272	185	172	166	164	163	158	152	150	144
Public administration	549	610	667	702	551 <sup>2</sup>	570	590	599	627	635
Education	1759	1551	1576	1584	1598	1610	1632	1641	1642	1646
Health care and provision of social aid	1396	1304	1283	1281	1273	1271	1269	1271	1267	1271
Provision of communal and individual services; cultural and sporting activity	472	398	379	370	371	377	381	383	389	372
of which cultural, sporting, recreational and entertainment activities	332	269	267	267	268	278	285	286	291	276

<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 payroll included categories comprising military personnel (soldiers and officers) who received cash security. Comparisons with the previous years are not possible

## EMPLOYMENT

**17.29. Average annual number of employees, by region<sup>1</sup>***(thsd.)*

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>18252</b>	<b>13678</b>	<b>12235</b>	<b>11711</b>	<b>11316</b>	<b>11388</b>	<b>11433</b>	<b>11413</b>	<b>11389</b>	<b>10653</b>
Autonomous Republic of Crimea	683	509	459	436	414	408	403	405	407	396
<b>oblasts</b>										
Vinnitsya	697	531	462	416	383	377	370	360	353	332
Volyn	372	284	246	231	220	222	223	222	221	204
Dnipropetrovsk	1449	1111	1034	1005	990	1017	1037	1025	1011	930
Donetsk	1954	1477	1350	1312	1287	1290	1292	1287	1279	1169
Zhytomyr	536	400	345	328	311	303	293	284	276	258
Zakarpattia	343	257	220	208	203	205	207	214	211	203
Zaporizhzhya	779	595	537	516	502	499	505	510	505	467
Ivano-Frankivsk	433	318	262	243	237	241	244	244	247	232
Kyiv	643	469	422	398	389	391	393	396	391	370
Kirovohrad	451	317	275	255	241	237	235	229	223	209
Luhansk	1008	712	637	631	608	604	597	586	584	548
Lviv	923	691	608	587	573	581	580	586	589	556
Mykolayiv	500	359	315	301	290	288	279	271	268	251
Odesa	836	631	577	556	538	536	540	544	545	515
Poltava	673	513	459	438	419	417	414	409	406	380
Rivne	412	308	269	254	243	242	238	234	233	220
Sumy	549	401	356	336	319	308	301	294	289	267
Ternopil	421	306	238	222	210	206	203	198	197	188
Kharkiv	1101	825	753	731	698	709	723	714	705	655
Kherson	473	329	267	247	232	231	227	225	222	210
Khmelnyskiy	566	427	365	332	309	298	284	272	268	251
Cherkasy	566	424	363	330	311	308	310	304	301	279
Chernivtsi	280	198	166	157	152	150	150	149	150	143
Chernihiv	500	358	318	298	281	278	272	263	256	239
<b>cities</b>										
Kyiv	991	846	856	866	884	965	1036	1111	1174	1106
Sevastopol	113	84	78	77	76	77	77	77	78	75

<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	2002	2003	2004	2005	2006	2007	2008	2009
<b>Industry</b>	<b>4061</b>	<b>3578</b>	<b>3416</b>	<b>3408</b>	<b>3416</b>	<b>3362</b>	<b>3287</b>	<b>3188</b>	<b>2851</b>
Mining	615	550	531	529	518	513	501	480	450
Manufacturing	2917	2500	2356	2351	2370	2329	2268	2192	1886
production of foodstuffs, beverages and tobacco products	518	464	445	452	465	465	454	436	390
light industry	262	186	156	150	147	133	120	108	92
textile industry, sewing of clothes, fur and fur articles	221	161	135	129	126	112	100	89	75
production of leather, leather articles and other materials	41	25	22	22	21	21	20	19	17
wood working and production of wood products apart from furniture	41	34	33	34	37	38	40	40	33
cellulose and paper industry; printing	60	58	57	61	66	68	71	72	65
production of coke and refined petroleum products	54	57	58	59	59	54	53	50	46
chemical and petrochemical industry	201	191	179	178	182	184	181	174	156
production of chemicals	159	152	140	135	134	130	124	119	109
production of rubber and plastic products	42	39	39	43	48	54	57	55	47
production of other non-metallic mineral products	203	161	150	150	154	151	152	149	114
metallurgy and production of finished metal works	434	418	409	415	425	430	420	407	355
engineering	1061	867	810	793	773	740	710	687	579
manufacture of machinery and equipment	497	415	378	361	352	334	310	293	241
manufacture of electrical, electronic and optical equipment	281	205	184	180	174	172	168	165	147
manufacture of transport vehicles and equipment	283	247	247	252	247	234	232	229	191
other manufacture n.i.e.	83	64	59	60	63	65	67	69	56
Production and distribution of electricity, gas and water	529	528	529	528	527	520	518	516	515

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.31. Government employees, by type of activity**

	2005		2007		2008		2009	
	thsd.	percent	thsd.	percent	thsd.	percent	thsd.	percent
<b>Total employees</b>	<b>569,6</b>	<b>100,0</b>	<b>599,2</b>	<b>100,0</b>	<b>626,9</b>	<b>100,0</b>	<b>635,3</b>	<b>100,0</b>
General government; social and economic administration	399,1	70,1	420,8	70,2	433,4	69,1	432,5	68,1
of which: administration								
at general government level	19,7	3,5	21,9	3,7	24,0	3,8	24,4	3,8
at the state autonomy level	2,1	0,4	2,0	0,3	2,0	0,3	2,1	0,3
at the level of oblasts, Kyiv and Sevastopol cities	23,0	4,0	25,1	4,2	24,4	3,9	25,0	3,9
the level of rayons and cities (including city districts)	119,5	21,0	124,1	20,7	126,3	20,1	125,5	19,8
at the level of townships and villages	73,3	12,9	74,2	12,4	79,5	12,7	80,3	12,6
financial and tax activity	89,7	15,7	91,0	15,2	90,8	14,5	90,9	14,3
regulation and promotion of effective economic activity	49,8	8,7	54,4	9,1	57,5	9,2	57,6	9,1
Provision of the state services to society	126,9	22,3	133,3	22,3	148,5	23,7	157,4	24,8
of which								
justice	68,3	12,0	67,4	11,2	71,8	11,5	74,9	11,8
safety	24,4	4,3	26,1	4,4	29,1	4,6	31,0	4,9
fire protection	20,3	3,6	21,4	3,6	20,1	3,2	18,9	3,0
Mandatory social insurance	43,6	7,6	45,1	7,5	45,0	7,2	45,4	7,1

EMPLOYMENT

**17.32. Employees, by level of education and economic activity<sup>1</sup>**

(end of 2009)

	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>10766,3</b>	<b>2609,2</b>	<b>24,2</b>	<b>3373,8</b>	<b>31,3</b>
Agriculture, hunting, forestry	646,1	102,0	15,8	71,8	11,1
Fishing	8,7	1,5	17,4	1,2	13,8
Industry	2847,7	663,7	23,3	585,5	20,6
Construction	353,5	64,8	18,3	72,5	20,5
Trade; repair of motor vehicles, household appliances and personal demand items	853,6	215,3	25,2	262,9	30,8
Hotels and restaurants	87,3	24,1	27,6	17,3	19,9
Transport and communications	934,7	208,8	22,3	184,5	19,7
surface transport	290,2	60,7	20,9	45,8	15,8
water transport	10,7	3,1	28,8	2,8	26,3
air transport	11,9	3,1	26,2	6,5	54,1
additional transport services and auxiliary operations	390,0	84,0	21,6	70,8	18,2
post and communications	231,9	57,9	25,0	58,6	25,3
Financial activity	303,2	66,9	22,1	193,7	63,9
Real estate transactions, renting, engineering and provision of services to businessmen	614,5	116,7	19,0	251,3	40,9
Public administration	674,0	141,2	21,0	431,2	64,0
Education	1736,4	328,9	18,9	899,4	51,8
Health care and provision of social aid	1340,1	568,3	42,4	282,4	21,1
Provision of communal and individual services; cultural and sporting activity	366,5	107,0	29,2	120,1	32,8

<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 2009)

	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>1903,7</b>	<b>97,6</b>	<b>17,7</b>	<b>6,5</b>	<b>74,5</b>	<b>19,0</b>	<b>13,0</b>
Agriculture, hunting, forestry	78,7	95,6	12,2	5,9	60,4	33,7	23,8
Fishing	1,4	93,9	16,2	6,5	65,7	27,8	18,4
Industry	508,5	91,3	17,9	4,2	74,3	21,5	15,7
Construction	62,9	83,4	17,8	6,8	70,2	23,0	15,5
Trade; repair of motor vehicles, household appliances and personal demand items	87,7	93,8	10,3	7,8	57,0	35,2	19,5
Hotels and restaurants	12,9	93,8	14,7	3,7	72,4	23,9	13,8
Transport and communications	115,1	94,0	12,3	11,1	66,2	22,7	16,7
surface transport	41,1	94,0	14,2	8,0	71,6	20,4	15,2
water transport	2,2	83,0	20,9	11,7	76,4	11,9	8,6
air transport	2,3	92,8	19,0	35,1	48,4	16,5	7,7
additional transport services and auxiliary operations	41,0	100,7	10,5	13,8	60,8	25,4	18,8
post and communications	28,5	86,6	12,3	9,6	66,8	23,6	17,3
Financial activity	29,4	89,7	9,7	18,5	45,8	35,7	20,0
Real estate transactions, renting, engineering and provision of services to businessmen	151,9	99,9	24,7	7,1	78,4	14,5	9,0
Public administration	79,8	108,7	11,8	24,4	55,5	20,1	13,7
Education	372,6	103,7	21,5	4,7	84,4	10,9	7,2
Health care and provision of social aid	315,7	105,1	23,6	4,7	79,4	15,9	11,5
Provision of communal and individual services; cultural and sporting activity	87,1	99,3	23,8	5,5	80,4	14,1	8,7

<sup>1</sup> See the first footnote to Table 17.28

EMPLOYMENT

**17.34. Employment of younger people, by type of economic activity<sup>1</sup>**

(end of 2009)

	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>3330,4</b>	<b>30,9</b>	<b>30,7</b>
Agriculture, hunting, forestry	153,9	23,8	23,8
Fishing	2,1	24,1	20,3
Industry	891,5	31,3	29,0
Construction	95,7	27,1	24,4
Trade; repair of motor vehicles, household appliances and personal demand items	427,1	50,0	49,5
Hotels and restaurants	34,9	40,0	38,7
Transport and communications	280,3	30,0	29,4
surface transport	75,5	26,0	26,5
water transport	2,6	24,6	23,5
air transport	4,8	40,4	51,6
additional transport services and auxiliary operations	122,7	31,5	28,4
post and communications	74,7	32,2	31,8
Financial activity	169,7	55,9	58,1
Real estate transactions, renting, engineering and provision of services to businessmen	181,5	29,5	27,2
Public administration	241,9	35,9	38,2
Education	406,2	23,4	24,9
Health care and provision of social aid	353,1	26,3	27,6
Provision of communal and individual services; cultural and sporting activity	92,5	25,2	24,7

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.35. Staff training and skills upgrading in 2009, by type of economic activity<sup>1</sup>**

	Training in new occupations			Skills upgrading		
	thsd.	percentage of total regular employees	females, thsd.	thsd.	percentage of total regular employees	females, thsd.
<b>Total</b>	<b>209,3</b>	<b>1,9</b>	<b>54,8</b>	<b>890,4</b>	<b>8,3</b>	<b>401,3</b>
Agriculture, hunting, forestry	8,5	1,3	1,3	15,9	2,5	2,0
Fishing	0,1	1,1	0,0	0,3	3,3	0,0
Industry	147,3	5,2	36,6	351,5	12,3	69,9
Construction	7,5	2,1	0,4	14,0	4,0	0,8
Trade; repair of motor vehicles, household appliances and personal demand items	6,0	0,7	2,2	10,6	1,2	4,6
Hotels and restaurants	0,5	0,6	0,3	0,9	1,0	0,5
Transport and communications	26,2	2,8	8,6	110,5	11,8	45,1
surface transport	6,2	2,2	1,4	22,7	7,8	5,4
water transport	0,3	3,2	0,1	1,1	10,2	0,0
air transport	1,3	10,6	0,4	3,4	29,1	0,9
additional transport services and auxiliary operations	12,7	3,3	2,2	39,4	10,1	7,7
post and communications	5,7	2,4	4,5	43,9	18,9	31,1
Financial activity	1,6	0,5	1,1	23,3	7,7	14,6
Real estate transactions, renting, engineering and provision of services to businessmen	5,6	0,9	1,2	21,6	3,5	6,6
Public administration	2,1	0,3	0,9	54,8	8,1	32,3
Education	1,8	0,1	1,0	156,9	9,0	122,4
Health care and provision of social aid	1,3	0,1	0,9	120,8	9,0	96,2
Provision of communal and individual services; cultural and sporting activity	0,8	0,2	0,3	9,3	2,5	6,3

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.36. Staff training and skills upgrading in 2009, by region<sup>1</sup>**

	Training in new occupations			Skills upgrading		
	thsd.	percentage of total regular employees	females, thsd.	thsd.	percentage of total regular employees	females, thsd.
<b>Ukraine</b>	<b>209,3</b>	<b>1,9</b>	<b>54,8</b>	<b>890,4</b>	<b>8,3</b>	<b>401,3</b>
Autonomous Republic of Crimea	8,1	2,0	1,7	34,2	8,6	17,4
<b>oblasts</b>						
Vinnitsya	6,7	2,0	2,0	21,8	6,6	12,1
Volyn	1,7	0,8	0,3	14,3	6,7	7,9
Dnipropetrovsk	26,3	2,8	6,7	103,0	11,0	36,0
Donetsk	36,3	3,0	8,4	123,6	10,4	46,4
Zhytomyr	3,5	1,3	1,1	17,2	6,5	9,6
Zakarpattia	6,2	2,9	3,2	12,2	5,8	7,2
Zaporizhya	11,9	2,5	1,9	52,3	11,2	19,7
Ivano-Frankivsk	3,1	1,3	1,1	22,1	9,2	11,5
Kyiv	9,2	2,5	2,9	23,4	6,4	11,4
Kirovohrad	3,9	1,9	0,7	19,9	9,5	10,5
Luhansk	18,2	3,3	4,4	49,0	8,8	18,6
Lviv	5,3	0,9	1,0	38,6	6,7	20,2
Mykolayiv	3,8	1,5	0,9	18,4	7,4	8,3
Odesa	8,5	1,6	2,4	31,5	6,1	15,2
Poltava	7,3	1,9	1,8	38,7	10,2	15,5
Rivne	2,9	1,3	0,7	18,7	8,2	9,4
Sumy	5,9	2,2	1,9	21,9	8,2	10,7
Ternopil	2,9	1,5	1,2	12,0	6,3	7,7
Kharkiv	9,8	1,5	2,2	58,1	8,8	23,7
Kherson	3,8	1,8	1,0	17,0	8,1	7,2
Khmelnyskiy	3,8	1,5	1,1	21,9	8,7	11,6
Cherkasy	3,8	1,4	1,3	16,5	6,0	9,5
Chernivtsi	1,8	1,2	0,3	10,0	6,7	6,6
Chernihiv	2,2	0,9	0,7	15,7	6,6	8,9
<b>cities</b>						
Kyiv	11,6	1,0	3,7	73,5	6,6	35,5
Sevastopol	0,8	1,1	0,2	4,9	6,5	3,0

<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	2005	2006	2007	2008	2009	2003	2005	2006	2007	2008	2009
<b>Total</b>	<b>25,3</b>	<b>27,4</b>	<b>28,2</b>	<b>29,7</b>	<b>28,3</b>	<b>22,5</b>	<b>29,5</b>	<b>29,2</b>	<b>29,9</b>	<b>30,7</b>	<b>32,8</b>	<b>28,7</b>
Agriculture, hunting, forestry	25,3	36,5	40,8	43,4	45,9	46,6	46,7	50,4	54,5	56,4	58,4	50,7
Fishing	39,2	42,4	45,9	36,4	45,6	45,7	50,6	57,0	54,4	54,8	58,1	54,7
Industry	28,0	28,2	27,2	28,5	26,3	20,2	31,8	30,4	31,1	31,3	34,6	29,2
Construction	45,0	44,7	45,1	46,5	39,7	26,4	47,9	48,1	45,9	46,2	54,9	49,7
Trade; repair of motor vehicles, household appliances and personal demand items	45,1	55,5	59,9	60,8	56,3	44,9	48,3	51,1	53,6	55,0	59,6	57,3
Hotels and restaurants	50,7	56,3	60,1	62,8	63,9	53,9	58,4	58,7	62,0	63,1	66,8	65,1
Transport and communications	20,6	20,7	21,5	23,0	23,4	17,5	22,6	21,3	23,4	25,3	25,8	23,7
surface transport	22,2	22,1	22,1	24,0	24,5	21,7	27,7	24,7	25,0	27,1	28,1	28,8
water transport	12,9	19,1	20,3	19,4	20,4	16,6	22,9	20,0	24,0	27,5	31,3	38,0
air transport	31,2	21,9	23,7	24,6	29,0	16,6	33,0	18,7	22,3	23,9	26,8	27,5
additional transport services and auxiliary operations	14,6	16,2	15,2	18,3	19,6	13,0	14,3	15,8	16,5	18,4	20,3	16,3
post and communications	24,1	24,5	28,9	28,6	27,8	19,8	24,2	23,7	30,7	32,6	31,5	28,6
Financial activity	34,9	39,4	45,3	52,8	42,6	23,6	26,4	28,8	29,8	35,1	41,1	38,9
Real estate transactions, renting, engineering and provision of services to businessmen	33,3	34,3	35,2	38,5	35,2	29,4	36,8	36,6	35,5	40,2	39,3	35,6
of which research and development	18,5	18,0	16,9	17,3	16,4	15,0	21,2	20,3	20,0	19,5	19,2	17,4
Public administration	19,5	20,5	20,0	20,9	18,5	14,0	15,2	19,6	18,7	18,5	16,6	13,5
Education	15,2	14,1	13,7	13,6	14,1	13,0	14,1	13,2	13,1	13,4	14,1	12,8
Health care and provision of social aid	15,9	14,5	14,2	14,1	14,4	13,1	16,0	14,8	14,5	14,1	15,2	12,7
Provision of communal and individual services; cultural and sporting activity	26,2	24,3	25,8	27,0	27,2	21,0	26,6	25,1	26,0	25,8	26,1	30,2
of which cultural, sporting, recreational and entertainment activities	22,2	21,3	22,8	22,7	24,0	18,5	21,0	20,2	21,3	21,3	22,2	28,2

<sup>1</sup> See the first footnote to Table 17.28

EMPLOYMENT

**17.38. Use of employees' working time in 2009, by type of economic activity<sup>1</sup>**

*(average per staff employee)*

	Established working hours	Actual time at work		Agreed absence, hours	Other loss of working time, hours
		hours	percentage of established working hours		
<b>Total</b>	<b>1918</b>	<b>1599</b>	<b>83,4</b>	<b>214</b>	<b>104</b>
Agriculture, hunting, forestry	1951	1720	88,2	170	61
Fishing	1937	1654	85,4	150	133
Industry	1971	1542	78,2	237	192
Construction	1956	1389	71,0	171	395
Trade; repair of motor vehicles, household appliances and personal demand items	1924	1650	85,8	130	143
Hotels and restaurants	1902	1605	84,4	151	146
Transport and communications	1966	1619	82,3	237	110
surface transport	1996	1645	82,4	231	120
water transport	1986	1552	78,1	222	212
air transport	1965	1678	85,4	223	64
additional transport services and auxiliary operations	2012	1595	79,2	265	152
post and communications	1849	1628	88,0	200	21
Financial activity	1964	1735	88,3	181	48
Real estate transactions, renting, engineering and provision of services to businessmen	1966	1684	85,6	183	99
of which research and development	1972	1638	83,1	225	109
Public administration	1958	1696	86,6	254	8
Education	1708	1463	85,7	236	8
Health care and provision of social aid	1972	1727	87,6	229	16
Provision of communal and individual services; cultural and sporting activity	1852	1623	87,7	185	44
of which cultural, sporting, recreational and entertainment activities	1816	1592	87,7	187	37

<sup>1</sup> See the first footnote to Table 17.28

## EMPLOYMENT

**17.39. Use of employees' working time in 2009, by industrial activity<sup>1</sup>***(average per staff employee)*

	Established working hours	Actual time at work		Agreed absentee, hours	Other loss of working time, hours
		hours	percentage of established working hours		
<b>Industry</b>	<b>1971</b>	<b>1542</b>	<b>78,2</b>	<b>237</b>	<b>192</b>
Mining	1842	1445	78,4	328	70
mining of fuel and energy minerals	1786	1413	79,1	343	30
mining operations apart from fuel and energy materials	1987	1526	76,8	289	172
Manufacturing	1991	1516	76,2	215	260
production of foodstuffs, beverages and tobacco products	1965	1642	83,5	185	139
light industry	1959	1478	75,4	206	275
textile industry, sewing of clothes, fur and fur articles	1960	1463	74,6	211	286
production of leather, leather articles and other materials	1954	1542	78,9	183	229
wood working and production of wood products apart from furniture	1961	1517	77,4	167	277
cellulose and paper industry; printing	1976	1601	81,0	188	187
production of coke and refined petroleum products	2037	1682	82,5	287	68
chemical and petrochemical industry	1993	1525	76,5	209	259
production of chemicals	2007	1547	77,1	221	239
production of rubber and plastic products	1961	1474	75,2	179	307
production of other non-metallic mineral products	1978	1439	72,8	191	347
metallurgy and production of finished metal products	2032	1555	76,5	271	206
engineering	1992	1414	71,0	214	364
manufacture of machinery and equipment	1984	1436	72,4	212	336
manufacture of electrical, electronic and optical equipment	1980	1426	72,0	204	351
manufacture of transport vehicles and equipment	2012	1376	68,4	225	411
other manufacture n.i.e.	1957	1415	72,3	156	386
Production and distribution of electricity, gas and water	2011	1720	85,5	239	52

<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 2009)

	Total labour contracts concluded and registered		Employees covered by contracts	
	units	percent of the previous period	thsd.	percentage of total payroll employees
<b>Total</b>	<b>94964</b>	<b>99,3</b>	<b>9038,3</b>	<b>83,9</b>
Agriculture, hunting, forestry	6857	93,0	570,1	88,2
Fishing	133	85,3	7,4	84,5
Industry	9143	94,4	2636,6	92,6
mining	554	97,0	445,3	99,4
manufacturing	7291	94,7	1668,7	89,5
production and distribution of electricity, gas and water	1298	91,5	522,6	97,7
Construction	3561	88,3	273,5	77,4
Trade; repair of motor vehicles, household appliances and personal demand items	7438	93,1	435,9	51,1
Hotels and restaurants	1195	98,5	54,2	62,1
Transport and communications	3329	96,9	860,7	92,1
surface transport	1461	96,4	257,9	88,9
water transport	33	89,2	10,3	96,5
air transport	46	107,0	9,6	81,2
additional transport services and auxiliary operations	1315	100,6	372,5	95,5
post and communications	474	88,8	210,4	90,7
Financial activity	1178	80,0	171,9	56,7
Real estate transactions, renting, engineering and provision of services to businessmen	6710	99,5	494,7	80,5
of which research and development	1042	96,7	143,1	97,8
Public administration	16603	108,7	521,6	77,4
Education	25443	102,6	1531,8	88,2
Health care and provision of social aid	7423	101,0	1206,7	90,0
Provision of communal and individual services; cultural and sporting activity	5951	96,8	273,2	74,5
of which cultural, sporting, recreational and entertainment activities	4404	97,6	198,0	72,6

<sup>1</sup> See the first footnote to Table 17.28



## EMPLOYMENT

**17.41. Working conditions, by type of economic activity<sup>1</sup>***(end of 2009)*

	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>1309,4</b>	<b>27,8</b>	<b>296,0</b>	<b>16,2</b>
of which				
Agriculture, hunting and related services	47,7	8,3	14,1	6,7
Industry	996,8	35,0	246,2	21,5
Mining	315,3	70,3	46,4	39,5
mining of energy and energy sources	243,0	74,4	33,1	40,5
of which mining of coal, lignite and peat	221,4	77,2	30,9	42,0
mining operations apart from fuel and energy materials	72,3	59,5	13,4	37,4
Manufacturing	518,2	27,8	160,3	19,5
production of foodstuffs, beverages and tobacco products	59,4	15,3	27,3	13,5
light industry	8,2	8,2	5,4	6,8
textile industry, sewing of clothes, fur and fur articles	6,2	7,6	4,3	6,4
production of leather, leather articles and other materials	2,0	11,1	1,1	9,0
wood working and production of wood products apart from furniture	6,0	18,3	1,8	16,9
cellulose and paper industry; printing	9,8	15,1	3,1	9,6
production of coke and refined petroleum products	27,4	61,8	7,5	47,5
chemical and petrochemical industry	58,2	37,2	22,2	32,0
production of chemicals	45,4	41,1	17,6	34,6
production of rubber and plastic products	12,8	27,8	4,6	24,8
production of other non-metallic mineral products	33,7	31,9	9,4	25,2
metallurgy and production of finished metal products	179,1	51,7	44,4	36,4
engineering	129,2	22,7	36,7	15,9
manufacture of machinery and equipment	50,8	21,7	12,3	14,7
manufacture of electrical, electronic and optical equipment	27,5	18,8	10,5	15,5
manufacture of transport vehicles and equipment	50,9	27,0	13,9	17,6
other manufacture n.i.e.	7,2	12,7	2,5	11,3
Production and distribution of electricity, gas and water	163,3	30,5	39,5	19,1
Construction	70,5	19,9	6,1	8,0
Transport and communications	194,4	20,8	29,6	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 2009)*

	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>1488,9</b>	<b>31,6</b>	<b>362,7</b>	<b>19,8</b>
of which				
Agriculture, hunting and related services	57,5	10,0	16,9	8,0
Industry	1086,9	38,2	281,1	24,5
Mining	322,5	72,0	48,9	41,7
mining of energy and energy sources	246,5	75,5	34,3	42,0
of which mining of coal, lignite and peat	223,8	78,1	31,8	43,2
mining operations apart from fuel and energy materials	76,0	62,5	14,6	40,9
Manufacturing	568,3	30,5	180,3	22,0
production of foodstuffs, beverages and tobacco products	65,6	16,9	30,0	14,9
light industry	9,4	9,4	6,2	7,8
textile industry, sewing of clothes, fur and fur articles	7,2	8,8	5,0	7,5
production of leather, leather articles and other materials	2,2	11,7	1,2	9,4
wood working and production of wood products apart from furniture	6,2	18,9	1,9	17,4
cellulose and paper industry; printing	10,9	16,7	3,6	11,2
production of coke and refined petroleum products	29,2	65,8	8,2	52,1
chemical and petrochemical industry	63,7	40,7	24,5	35,4
production of chemicals	50,4	45,6	19,7	38,7
production of rubber and plastic products	13,3	29,0	4,8	26,0
production of other non-metallic mineral products	36,0	34,1	10,4	27,6
metallurgy and production of finished metal products	195,0	56,3	50,9	41,8
engineering	144,8	25,5	42,0	18,2
manufacture of machinery and equipment	55,6	23,8	14,1	16,9
manufacture of electrical, electronic and optical equipment	29,9	20,5	11,9	17,5
manufacture of transport vehicles and equipment	59,3	31,5	16,0	20,3
other manufacture n.i.e.	7,5	13,4	2,6	11,9
Production and distribution of electricity, gas and water	196,1	36,7	51,9	25,1
Construction	77,0	21,8	7,3	9,6
Transport and communications	267,5	28,6	57,4	14,6

<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 labour remuneration, profits and mixed income, income balance from ownership, social allowances, other current transfers obtained in cash excluding the paid ones, namely current taxes on income and property.

**Expenditure and savings of the population** include: expenditure for purchasing goods and services; property income paid, current taxes on income, property and other current transfers paid; accumulation of fixed capital and tangible current assets and increased financial assets as deposit savings, savings in hard currency, etc.

**Nominal wages** relate to remuneration in cash and in kind paid to employees for time worked or work done. It also includes base wage rates (official salary), bonuses, additional payments, allowances and other kinds of payments for time not worked. Nominal wages include compulsory deductions from wages of employees: income tax from natural persons, and charges for compulsory state pension and social insurance.

Nominal wages do not include the following:

- cash security for professional servicemen, and soldiers and officer personnel;
- payments from social insurance funds for temporary disability;
- payment for the first five days of temporary disability from enterprise funds;
- employer contributions to the compulsory state pension and social insurance.

Tables 18.6–18.12 provide average monthly (for a year) nominal wages of employees defined by dividing the annual wages by the average annual number of employees and by twelve months.

This indicator is defined on the basis of data from the state statistical observation that covers entities, public organisations, financial and budget departments which use employment. The observation does not cover statistically small enterprises and entrepreneurs.

Table 18.6 gives the time series for average monthly wages in 1940–1994. Prior to 1991 (inclusive), the development of statistical indicator for the size of the average monthly wages has been separately made for the categories of employees and workers, and employees of the collective agricultural enterprises (CAEs). Since 1992, on the basis of Ukraine's Law *On Employment* and other national legislative acts, the common methodology for statistical recording of the basic indicators has been developed. The indicators characterize the social and labour relationships and the results stemming from the labour activity both of employees and workers, and employees from CAEs.

The real wages characterize the amounts of goods and services that could be bought for the nominal wages.

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

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

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

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

Households participate in the survey for one year.

The survey is conducted every quarter in all regions of the country and covers all population excluding those in active armed forces, imprisoned, persons residing in boarding houses for the aged, and marginal sections of the population. The design of the sample survey excludes contaminated areas (isolated and eviction areas).

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

In 2009 the initial sampled population of the survey included 13023 households. During the year 10459 households took part in the survey (selected addresses accounted for 81,8%, excluding non-resident dwellings). The results of the sample survey are extended through the statistical weighting procedure to the total population.

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

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

**Total expenditure** consist of monetary expenditure and value of consumed by household agriculture foodstuffs that were

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

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

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

**Total resources** includes total income and the sum of the used savings, increased loans, credits, debts that households have acquired as well as debts paid off to households. This indicator shows the potential household resources that were obtained during the reference period regardless of the sources from which they had been derived.

POPULATION INCOME AND EXPENDITURE

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

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

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

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

### 18.1. Population income and expenditure

(mln. UAH)

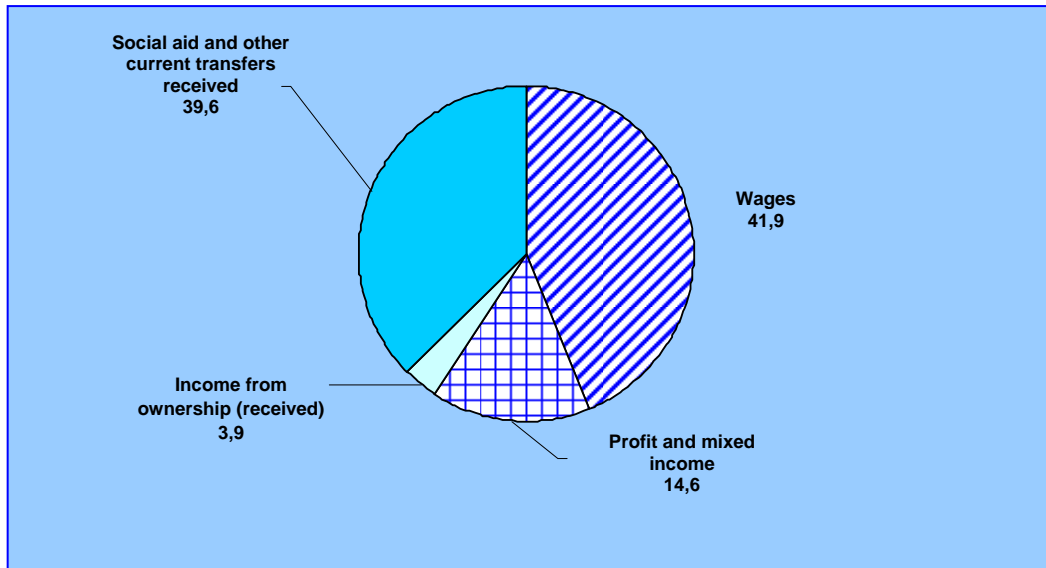
	1995 <sup>1</sup>	2000	2003	2004	2005	2006	2007	2008	2009 <sup>2</sup>	2009 over 2008, percent
<b>Income</b>	<b>4006</b>	<b>128736</b>	<b>215672</b>	<b>274241</b>	<b>381404</b>	<b>472061</b>	<b>623289</b>	<b>845641</b>	<b>897669</b>	<b>106,2</b>
of which										
wages	1654	55853	94608	117227	160621	205120	278968	366387	376088	102,6
profit and mixed income	616	24696	36330	43828	58404	69186	95203	131139	131288	100,1
income from ownership (received)	48	3322	6706	8337	11072	13855	20078	28432	34868	122,6
social aid and other current transfers received	1688	44865	78028	104849	151307	183900	229040	319683	355425	111,2
<b>Expenditure and savings</b>	<b>4006</b>	<b>128736</b>	<b>215672</b>	<b>274241</b>	<b>381404</b>	<b>472061</b>	<b>623289</b>	<b>845641</b>	<b>897669</b>	<b>106,2</b>
of which										
purchase of goods and services	3719	115887	180730	221713	306769	385681	509533	695618	712679	102,5
income from ownership (paid)	4	158	902	1864	3523	8374	16924	30406	36496	120,0
current taxes on income, property and other current transfers paid	209	8488	17763	19030	25461	33803	49053	67606	66028	97,7
accumulation of non-financial assets	59	3099	1680	3254	4444	7159	9939	29515	11678	39,6
increase in financial assets	15	1104	14597	28380	41207	37044	37840	22496	70788	314,7
<b>Available income</b>	<b>2783</b>	<b>96609</b>	<b>162578</b>	<b>212033</b>	<b>298275</b>	<b>363586</b>	<b>470953</b>	<b>634493</b>	<b>672662</b>	<b>106,0</b>
<b>Real available income, percent of the previous year</b>	<b>108,3</b>	<b>104,1</b>	<b>109,1</b>	<b>119,6</b>	<b>123,9</b>	<b>111,8</b>	<b>114,8</b>	<b>107,6</b>	<b>91,5</b>	<b>×</b>

<sup>1</sup> Trln. KRB

<sup>2</sup> Preliminary data

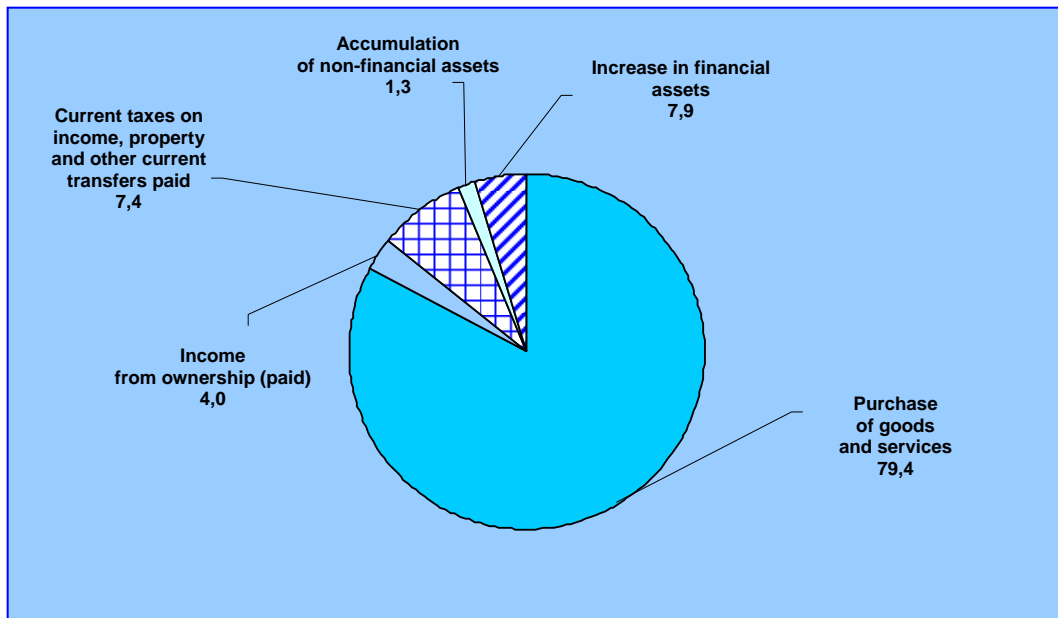
### 18.2. Structure of population income in 2009

(percent)



### 18.3. Structure of population expenditure and savings in 2009

(percent)



## POPULATION INCOME AND EXPENDITURE

**18.4. Population income, by region**

(mln. UAH)

	2001 <sup>1</sup>			2008			2009 <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>845641</b>	<b>634493</b>	<b>13716,3</b>	<b>897669</b>	<b>672662</b>	<b>14606,2</b>
Autonomous Republic of Crimea	5833	4233	2073,9	30386	22677	11515,8	32385	24118	12265,7
<b>oblasts</b>									
Vinnitsya	5044	4072	2286,8	25170	19454	11676,4	27223	20493	12380,2
Volyn	2902	2267	2132,4	14662	10982	10597,3	15430	11536	11130,8
Dnipropetrovsk	12890	9555	2665,2	68420	52352	15459,9	72448	56014	16646,6
Donetsk	16420	12399	2544,8	92213	73310	16220,1	98116	77929	17380,9
Zhytomyr	3745	2954	2112,5	20216	15627	12022,6	21041	15977	12385,3
Zakarpattia	2881	2243	1781,4	16033	12013	9664,5	16969	12476	10028,1
Zaporizhzhya	7057	5267	2719,0	35628	27891	15265,2	38016	29380	16174,0
Ivano-Frankivsk	3591	2792	1973,0	20143	15563	11262,8	21068	16592	12015,4
Kyiv	6500	5057	2753,9	31666	24763	14292,4	33763	26020	15085,8
Kirovohrad	3260	2522	2217,2	15452	11873	11489,3	16172	12021	11757,6
Luhansk	7359	5624	2188,6	39861	31430	13411,0	42918	33359	14368,4
Lviv	7787	5910	2239,7	42220	32513	12718,3	44533	34843	13657,0
Mykolayiv	3783	2855	2244,6	19950	15148	12626,5	20871	15860	13297,6
Odesa	6814	5058	2040,7	39367	28133	11754,4	42181	30186	12621,7
Poltava	5322	4064	2474,8	27024	21135	13922,0	28239	22202	14747,3
Rivne	3260	2530	2150,5	16865	12810	11124,6	17714	13276	11531,3
Sumy	3984	3021	2308,4	19819	15698	13187,2	20390	16089	13655,6
Ternopil	2740	2120	1850,6	14999	11599	10583,0	15665	11711	10733,2
Kharkiv	9588	7090	2425,0	51971	39232	14065,7	53803	41364	14902,2
Kherson	2979	2330	1971,3	16206	12410	11248,1	17001	12724	11606,3
Khmelnyskiy	4029	3249	2259,1	20596	16067	11938,6	21675	16497	12332,4
Cherkasy	3902	2987	2117,9	20424	15702	11987,2	21266	16122	12404,4
Chernivtsi	2109	1596	1725,4	12214	8856	9793,2	12222	9291	10275,4
Chernihiv	3776	2962	2376,7	17908	13942	12353,4	18906	14497	12996,0
<b>cities</b>									
Kyiv	14475	8995	3447,3	109781	68713	24960,2	119298	77132	27792,3
Sevastopol	1039	723	1902,3	6447	4600	12111,6	8356	4953	13023,9

<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		2008		2009 <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>793630</b>	<b>17156,5</b>	<b>815203</b>	<b>17701,3</b>
Autonomous Republic of Crimea	5822	2853,2	31838	16168,0	31829	16187,3
<b>oblasts</b>						
Vinnitsya	4048	2272,9	23129	13882,1	24113	14567,1
Volyn	2882	2712,2	14360	13857,0	14622	14108,5
Dnipropetrovsk	12769	3561,4	59382	17536,0	59404	17654,0
Donetsk	13439	2758,0	74826	16555,5	75921	16933,0
Zhytomyr	3041	2174,2	16892	12995,8	17524	13584,5
Zakarpattia	2979	2365,5	15170	12204,3	16131	12966,0
Zaporizhzhya	7152	3692,9	30405	16641,1	31360	17264,0
Ivano-Frankivsk	3172	2241,2	17419	12606,0	18130	13129,1
Kyiv	5746	3128,5	28262	16311,9	29812	17284,3
Kirovohrad	3344	2938,2	13518	13081,1	14135	13825,3
Luhansk	6620	2576,1	29852	12737,7	31117	13402,7
Lviv	7899	2993,5	36589	14312,7	36725	14394,6
Mykolayiv	3368	2647,1	18103	15089,6	18183	15245,2
Odesa	7276	2935,6	43807	18303,3	46650	19505,8
Poltava	4945	3012,0	22294	14685,5	22681	15065,4
Rivne	3174	2698,0	14520	12609,6	15237	13234,6
Sumy	3794	2899,3	14939	12549,6	15267	12957,9
Ternopil	2392	2087,7	12354	11271,9	13323	12210,6
Kharkiv	10690	3656,6	52318	18757,3	54049	19472,2
Kherson	2760	2334,7	14998	13593,8	15318	13972,5
Khmelnyskiy	3872	2692,5	18197	13521,3	18827	14074,2
Cherkasy	3300	2340,5	18673	14255,3	19333	14875,0
Chernivtsi	2432	2627,9	11870	13126,2	11924	13187,3
Chernihiv	3305	2651,5	14549	12891,2	14668	13149,3
<b>cities</b>						
Kyiv	19386	7429,7	137542	49962,6	140905	50771,1
Sevastopol	1247	3285,0	7824	20600,3	8015	21075,5

<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>**

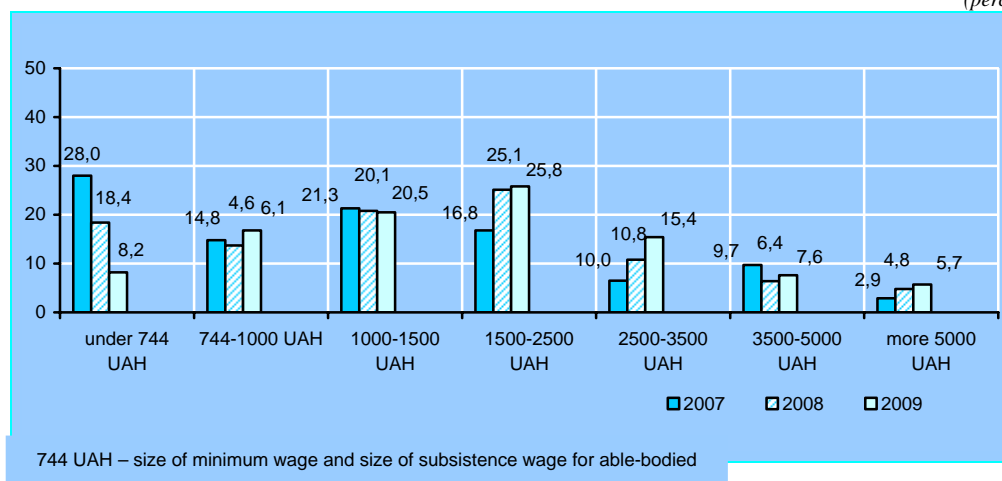
(UAH)

	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
2008	1806	133,7	106,3
2009	1906	105,5	90,8
<b>Including by month</b>			
January	1665	109,4	88,8
February	1723	105,5	86,5
March	1818	106,8	89,7
April	1845	106,3	91,9
May	1851	104,3	90,9
June	1980	105,2	91,4
July	2008	104,1	90,0
August	1919	102,5	88,7
September	1964	102,5	89,0
October	1950	101,7	89,1
November	1955	107,3	94,2
December	2233	111,6	99,1

<sup>1</sup> Excluding employees of statistically small enterprises and of natural persons-entrepreneurs

**18.8. Distribution of employees in December of 2007–2009, by nominal wages**

(percent)

**18.9. Average monthly nominal wages of employees, by type of economic activity<sup>1</sup>**

(UAH)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	
										UAH	percent of 2008
<b>Total</b>	<b>73</b>	<b>230</b>	<b>376</b>	<b>462</b>	<b>590</b>	<b>806</b>	<b>1041</b>	<b>1351</b>	<b>1806</b>	<b>1906</b>	<b>105,5</b>
Agriculture, hunting, forestry	37	114	183	219	311	437	581	771	1101	1220	110,8
Fishing	58	147	242	291	375	499	607	721	913	1028	112,6
Industry	89	302	485	591	743	967	1212	1554	2017	2117	105,0
Construction	103	260	427	546	709	894	1140	1486	1832	1511	82,5
Trade; repair of motor vehicles, household appliances and personal demand items	66	226	330	394	509	713	898	1145	1514	1565	103,4
Hotels and restaurants	51	178	286	340	429	567	735	944	1221	1267	103,7
Transport and communications	90	336	573	685	843	1057	1328	1670	2207	2409	109,1
surface transport	79	282	515	633	775	961	1227	1563	2036	2126	104,4
water transport	114	489	617	762	733	929	1093	1412	1924	2421	125,8
air transport	116	445	702	857	1232	1622	2053	2704	4061	5106	125,7
additional transport services and auxiliary operations	104	423	730	851	1016	1218	1513	1872	2457	2637	107,4
post and communications	93	317	469	548	710	967	1191	1485	1950	2240	114,9
Financial activity	172	560	976	1051	1258	1553	2050	2770	3747	4038	107,8
Real estate transactions, renting, engineering and provision of services to businessmen	75	278	437	527	667	900	1193	1595	2085	2231	107,0
of which research and development	82	303	470	570	774	1048	1323	1741	2336	2556	109,4
Public administration	81	335	495	577	691	1087	1578	1852	2581	2513	97,4
Education	71	156	267	340	429	641	806	1060	1448	1611	111,3
Health care and provision of social aid	75	138	223	279	351	517	658	871	1177	1307	111,0
Provision of communal and individual services; cultural and sporting activity	63	162	247	299	400	620	828	1090	1511	1783	118,0
of which cultural, sporting, recreational and entertainment, and activities	58	135	219	277	383	628	842	1109	1551	1870	120,6

<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	2002	2003	2004	2005	2006	2007	2008	2009	
									UAH	percent of 2008
<b>Industry</b>	<b>302</b>	<b>485</b>	<b>591</b>	<b>743</b>	<b>967</b>	<b>1212</b>	<b>1554</b>	<b>2017</b>	<b>2117</b>	<b>105,0</b>
Mining	393	610	701	910	1246	1536	1970	2681	2894	107,9
Manufacturing	271	441	553	701	905	1137	1456	1849	1856	100,4
production of foodstuffs, beverages and tobacco products	281	423	496	597	780	986	1223	1618	1777	109,8
light industry	162	259	323	422	527	653	810	1015	1052	103,7
textile industry; sewing of clothes, fur and fur articles	164	257	315	418	523	646	801	1011	1037	102,6
production of leather, leather articles and other materials	153	271	374	444	553	691	854	1033	1117	108,1
wood working and production of wood products apart from furniture	191	351	450	561	707	879	1078	1347	1313	97,5
cellulose and paper industry; printing	394	574	666	800	998	1275	1545	1938	1981	102,2
production of coke and refined petroleum products	490	824	951	1174	1470	1697	2145	2689	2974	110,6
chemical and petrochemical industry	305	459	568	724	960	1190	1481	1905	1880	98,7
production of chemicals	318	471	581	748	1012	1261	1586	2047	2003	97,8
production of rubber and plastic products	256	414	519	649	814	1020	1251	1598	1593	99,7
production of other non-metallic mineral products	232	384	490	625	824	1067	1440	1818	1644	90,4
metallurgy and production of finished metal products	421	619	781	994	1287	1560	2003	2418	2429	100,4
engineering	222	387	497	640	821	1060	1389	1789	1709	95,5
manufacture of machinery and equipment	226	388	493	639	832	1068	1380	1791	1744	97,4
manufacture of electrical, electronic and optical equipment	173	322	416	555	737	952	1264	1633	1658	101,6
manufacture of transport vehicles equipment	263	440	563	704	864	1129	1492	1901	1704	89,7
other manufacture n.i.e.	212	352	443	583	704	846	1053	1364	1248	91,5
Production and distribution of electricity, gas and water	371	562	651	767	969	1228	1577	2111	2394	113,4

<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	2002	2003	2004	2005	2006	2007	2008	2009	
										UAH	percent of 2008
<b>Ukraine</b>	<b>73</b>	<b>230</b>	<b>376</b>	<b>462</b>	<b>590</b>	<b>806</b>	<b>1041</b>	<b>1351</b>	<b>1806</b>	<b>1906</b>	<b>105,5</b>
Autonomous Republic of Crimea	70	225	358	433	543	730	952	1220	1609	1707	106,1
<b>oblasts</b>											
Vinnitsya	58	159	265	334	435	597	793	1028	1404	1511	107,6
Volyn	53	150	253	319	412	591	773	1013	1380	1427	103,5
Dnipropetrovsk	91	273	438	526	667	913	1139	1455	1876	1963	104,6
Donetsk	97	292	452	550	712	962	1202	1535	2015	2116	105,0
Zhytomyr	61	164	268	334	434	602	793	1033	1404	1493	106,3
Zakarpattia	50	172	295	379	479	665	868	1091	1453	1562	107,5
Zaporizhzhya	84	289	445	541	671	860	1091	1394	1812	1843	101,7
Ivano-Frankivsk	65	188	318	402	510	718	923	1180	1543	1627	105,5
Kyiv	78	241	378	470	592	811	1058	1362	1852	1987	107,3
Kirovohrad	58	170	282	353	455	624	819	1054	1428	1537	107,6
Luhansk	82	232	393	474	596	805	1022	1323	1769	1873	105,9
Lviv	62	196	339	419	523	713	923	1183	1570	1667	106,2
Mykolayiv	68	227	398	470	565	744	955	1202	1621	1806	111,4
Odesa	66	236	379	454	566	768	966	1226	1633	1787	109,4
Poltava	76	220	354	437	560	758	961	1243	1661	1733	104,4
Rivne	61	173	312	390	506	685	888	1133	1523	1614	106,0
Sumy	66	194	307	379	473	663	857	1098	1472	1593	108,2
Ternopil	53	135	237	304	388	553	727	943	1313	1412	107,5
Kharkiv	72	230	370	455	569	759	974	1251	1679	1804	107,4
Kherson	59	173	289	356	451	625	800	1017	1375	1482	107,8
Khmelnyskiy	55	156	258	323	419	584	792	1045	1429	1521	106,4
Cherkasy	63	175	276	350	465	642	846	1085	1459	1532	105,0
Chernivtsi	55	157	271	344	441	621	819	1051	1402	1523	108,6
Chernihiv	57	177	277	342	438	602	790	1016	1370	1465	107,0
<b>cities</b>											
Kyiv	100	405	643	761	967	1314	1729	2300	3074	3161	102,8
Sevastopol	83	251	391	486	594	803	1005	1302	1726	1882	109,1

<sup>1</sup> See the footnote to Table 18.7

## POPULATION INCOME AND EXPENDITURE

**18.12. The number and nominal wages of employees in 2009,  
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>4917,1</b>	<b>5736,2</b>	<b>2173</b>	<b>1677</b>	<b>77,2</b>
Agriculture, hunting, forestry	465,1	233,6	1265	1131	89,4
Fishing	7,8	1,7	1022	1059	103,7
Industry	1749,1	1102,2	2412	1648	68,3
Construction	307,9	77,1	1543	1383	89,6
Trade; repair of motor vehicles, household appliances and personal demand items	423,8	428,5	1688	1443	85,5
Hotels and restaurants	26,6	63,8	1430	1199	83,8
Transport and communications	555,1	380,5	2670	2028	76,0
surface transport	196,0	96,6	2208	1958	88,7
water transport	8,9	2,9	2451	2329	95,0
air transport	7,8	4,4	5133	5058	98,5
additional transport services and auxiliary operations	255,4	132,6	2844	2241	78,8
post and communications	86,9	144,0	2998	1782	59,4
Financial activity	97,0	194,8	5044	3537	70,1
Real estate transactions, renting, engineering and provision of services to businessmen	319,0	296,3	2339	2114	90,4
of which research and development	73,8	70,7	2776	2326	83,8
Public administration	210,7	424,6	2804	2369	84,5
Education	381,3	1264,6	1778	1561	87,8
Health care and provision of social aid	227,1	1043,5	1444	1277	88,4
Provision of communal and individual services; cultural and sporting activity	146,6	225,0	2223	1496	67,3
of which cultural, sporting, recreational and entertainment, and activities	97,8	177,9	2489	1530	61,5

<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>	2003 <sup>2</sup>	2004 <sup>2</sup>	2005 <sup>2</sup>	2006 <sup>3</sup>	2007 <sup>3</sup>	2008 <sup>3</sup>	2009 <sup>3</sup>	2010 <sup>3</sup>
Average monthly pensions payable to pensioners from the Pension Fund	38,7	83,7	136,6	182,2	316,2	406,8	478,4	751,4	898,4	999,0
including										
old age	38,8	85,2	141,8	194,2	323,8	417,7	497,0	798,9	942,7	1039,6
disability	45,6	94,5	142,4	170,9	305,2	393,2	435,8	598,2	742,7	848,8
of which										
due to accident at work or occupational disease	56,5	89,7	147,1	156,9	278,7	280,5	280,5	287,1	588,9	682,1
1 <sup>st</sup> group	55,5	99,8	156,7	166,2	288,5	290,2	291,9	299,8	559,0	642,7
2 <sup>nd</sup> group	71,2	89,3	145,3	155,0	287,2	290,3	290,6	298,7	568,2	662,5
3 <sup>rd</sup> group	46,9	88,7	146,8	156,6	275,8	277,8	277,9	284,4	593,9	687,3
to survivors who lost their benefactor	33,2	61,0	95,9	120,2	262,9	302,8	339,3	474,3	647,0	771,2
of which										
to families of employees and agricultural workers who lost their benefactor	30,7	58,8	96,4	121,4	260,5	299,1	333,0	468,7	644,7	768,9
retirement	40,7	105,8	168,3	211,2	334,3	443,9	551,3	760,9	945,0	1104,8
social benefits	21,4	43,7	59,0	62,6	266,2	339,6	316,3	369,7	538,0	620,6

<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 2010 as of January 1, average monthly pensions payable to pensioners is 1032,63 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
2008	2,2	2,1	4,2	3,8	25,6	18,1
2009	2,2	2,1	4,1	3,7	30,4	21,4

<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, in 4<sup>th</sup> quarter 2008 – 626 UAH, in 4<sup>th</sup> quarter 2009 – 701 UAH

**18.15. Households, by size and number of children**

(percent)

	2000			2008			2009		
	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	23,7	23,5	24,2	23,2	22,2	25,3
two persons	27,6	28,2	26,2	27,0	27,4	26,6	28,6	30,0	25,6
three persons	22,0	24,6	16,3	25,7	28,4	19,5	25,2	27,6	19,7
four persons	19,0	19,6	17,9	15,6	14,8	17,2	14,2	13,9	14,8
five and more persons	10,5	7,7	16,4	8,0	5,9	12,5	8,8	6,3	14,6
Average household size, persons	2,76	2,70	2,89	2,60	2,54	2,74	2,60	2,54	2,74
Percentage of households with children aged under 18	43,6	44,6	41,4	37,8	37,7	38,1	37,8	38,0	37,2
Percentage of households without children	56,4	55,4	58,6	62,2	62,3	61,9	62,2	62,0	62,8
Of total households, percentage of households with children aged									
under 3	5,2	4,8	6,0	7,6	7,5	7,7	8,2	8,5	7,5
under 7	13,7	12,9	15,5	15,7	15,9	15,1	16,9	17,6	15,2
under 14	32,8	33,0	32,3	29,1	29,0	29,1	28,8	28,9	28,4
under 16	38,8	39,5	37,3	33,0	32,8	33,4	32,7	32,8	32,6

## POPULATION INCOME AND EXPENDITURE

**18.16. Households with children, by number of children**

(percent)

	2000			2008			2009		
	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	70,7	76,0	58,9	72,1	77,2	60,2
two children	33,3	30,0	41,2	25,5	22,1	33,2	24,2	20,5	32,7
three children	4,1	2,7	7,5	3,1	1,8	5,9	3,4	2,2	6,3
four or more children	1,6	0,8	3,3	0,7	0,1	2,0	0,3	0,1	0,8

**18.17. Population, by per capita money income**

(percent)

	2007			2008			2009		
	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 per month, UAH									
under 300,0	7,4	3,8	14,8	2,1	0,7	5,0	1,7	0,8	3,6
300,1–480,0	22,9	18,8	31,2	9,0	5,0	17,1	7,8	4,9	13,7
480,1–660,0	28,8	27,7	30,8	18,0	14,5	25,3	15,9	12,7	22,7
660,1–840,0	16,9	19,5	11,9	20,3	19,0	23,0	20,2	18,7	23,6
840,1–1020,0	24,0 <sup>1</sup>	30,2	11,3	15,4	17,0	12,2	16,3	17,5	13,8
1020,1–1200,0	...	...	...	11,9	13,8	7,8	11,5	12,6	9,2
1200,1–1380,0	...	...	...	7,4	9,3	3,5	8,4	9,6	5,8
1380,1–1560,0	...	...	...	5,2	6,4	2,7	5,6	6,7	3,2
1560,1–1740,0	...	...	...	3,1	4,0	1,3	4,0	5,1	1,8
1740,1–1920,0	...	...	...	2,2	3,0	0,6	2,4	3,1	0,8
over 1920,0	...	...	...	5,4	7,3	1,5	6,2	8,3	1,8
Quintile differentiation coefficient of cash income of the population, times	2,2	2,1	2,1	2,2	2,1	2,1	2,2	2,2	2,1
Correlation of cash income of 20% richest and 20% poorest people (quintile coefficient for funds), times	4,1	3,8	3,8	4,2	3,9	3,9	4,1	4,0	3,6
Percentage of people with average per capita cash income per month lower than subsistence level <sup>2</sup>	39,8	31,3	57,4	25,6	17,3	42,7	30,4	22,8	46,1

<sup>1</sup> In 2007, over 840 UAH<sup>2</sup> In the 4<sup>th</sup> quarter 2007, 532 UAH, in the 4<sup>th</sup> quarter 2008 – 626 UAH, in the 4<sup>th</sup> quarter 2009 – 701 UAH



## POPULATION INCOME AND EXPENDITURE

**18.18. Households, by per capita money income***(percent)*

	2007			2008			2009		
	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 per month, UAH									
under 300,0	5,4	3,0	10,7	1,5	0,6	3,6	1,3	0,6	2,8
300,1–480,0	19,5	16,6	25,7	6,4	3,8	12,1	5,6	3,7	9,8
480,1–660,0	30,6	28,5	35,4	16,1	12,9	23,3	12,9	10,5	18,2
660,1–840,0	17,4	18,9	14,2	20,9	18,9	25,5	20,6	18,6	25,3
840,1–1020,0	27,1 <sup>1</sup>	33,0	14,0	16,1	17,0	14,1	16,6	16,8	16,3
1020,1–1200,0	...	...	...	11,8	13,2	8,6	12,1	12,6	10,8
1200,1–1380,0	...	...	...	8,2	9,6	4,8	8,9	9,9	6,7
1380,1–1560,0	...	...	...	5,7	6,8	3,4	6,1	7,2	3,6
1560,1–1740,0	...	...	...	3,7	4,6	1,7	4,7	5,7	2,4
1740,1–1920,0	...	...	...	2,6	3,3	1,0	2,8	3,5	1,4
over 1920,0	...	...	...	7,0	9,3	1,9	8,4	10,9	2,7
Percentage of households with average per capita cash income per month lower than subsistence level <sup>2</sup>	35,3	29,1	49,3	20,2	14,1	33,6	24,6	19,0	37,2

<sup>1</sup> See the first footnote to Table 18.17<sup>2</sup> See the second footnote to Table 18.17

## POPULATION INCOME AND EXPENDITURE

**18.19. Households in 2009, by per capita money income, household size and number of children**

(percent)

	All households	With average per capita cash income per month, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
<b>All households</b>	<b>100,0</b>	<b>1,3</b>	<b>5,6</b>	<b>12,9</b>	<b>20,6</b>	<b>16,6</b>	<b>12,1</b>
Breakdown by level of average per capita cash income of households consisting of							
one person	100,0	0,7	0,9	7,3	25,2	16,9	11,2
two persons	100,0	0,5	3,1	7,1	19,0	16,6	13,8
three persons	100,0	1,3	6,7	15,8	17,2	17,3	13,3
four persons	100,0	2,9	10,5	20,1	20,5	18,4	11,4
five persons and more	100,0	2,8	14,8	25,9	23,6	12,0	6,3
<b>All households with children</b>	<b>100,0</b>	<b>2,4</b>	<b>11,0</b>	<b>21,5</b>	<b>20,6</b>	<b>16,2</b>	<b>10,5</b>
Breakdown by level of average per capita cash income of households with							
one child	100,0	1,0	7,7	19,8	19,9	18,1	11,7
two children	100,0	5,5	17,2	26,2	23,3	12,4	7,6
three children	100,0	9,3	32,3	25,4	15,4	5,9	5,2
four or more children	100,0	3,9	45,9	18,8	20,1	3,5	0,7

Table 18.19 continued

	With average per capita cash income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 701 UAH <sup>1</sup>
<b>All households</b>	<b>8,9</b>	<b>6,1</b>	<b>4,7</b>	<b>2,8</b>	<b>8,4</b>	<b>24,6</b>
Breakdown by level of average per capita cash income of households consisting of						
one person	8,9	6,3	5,4	4,1	13,1	15,2
two persons	10,6	7,9	6,0	3,3	12,1	14,5
three persons	9,4	5,7	4,7	2,5	6,1	27,7
four persons	6,1	4,5	2,0	1,6	2,0	39,3
five persons and more	6,6	3,5	2,4	1,2	0,9	49,9
<b>All households with children</b>	<b>6,6</b>	<b>4,0</b>	<b>3,0</b>	<b>1,4</b>	<b>2,8</b>	<b>40,3</b>
Breakdown by level of average per capita cash income of households with						
one child	8,1	4,7	3,8	1,7	3,5	33,7
two children	2,8	2,4	0,8	0,8	1,0	55,0
three children	2,9	0,3	2,1	—	1,2	72,7
four or more children	—	—	—	—	7,1	88,4

<sup>1</sup> The size of subsistence wage in the 4<sup>th</sup> quarter 2009

## POPULATION INCOME AND EXPENDITURE

**18.20. Structure of household money expenditure***(average monthly per one household)*

	2000			2008			2009		
	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>2317,2</b>	<b>2533,0</b>	<b>1837,2</b>	<b>2415,1</b>	<b>2624,6</b>	<b>1944,6</b>
	<b>Percent</b>								
Consumption cash expenditure	91,9	94,6	83,5	87,0	90,0	77,6	89,4	91,9	82,0
food products (including catering outside home, alcoholic beverages and tobacco)	62,7	64,5	57,2	51,2	52,6	45,9	53,4	54,6	49,6
manufactured goods and services	29,2	30,1	26,3	35,8	37,4	31,7	36,0	37,3	32,4
Cash support to relatives, friends and other persons	1,8	1,5	2,6	3,5	3,0	4,9	3,6	3,1	4,8
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	6,3	3,9	13,9	9,5	7,0	17,5	7,0	5,0	13,2

**18.21. Structure of household money expenditure, by household size***(average monthly per one household)*

	2008						2009					
	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>2317,2</b>	<b>1220,4</b>	<b>2136,4</b>	<b>2781,0</b>	<b>3000,9</b>	<b>3375,2</b>	<b>2415,1</b>	<b>1289,6</b>	<b>2218,7</b>	<b>2817,5</b>	<b>3070,0</b>	<b>3808,4</b>
	<b>Percent</b>											
Consumption cash expenditure	87,0	88,6	85,4	87,8	88,4	84,1	89,4	89,6	87,2	90,9	90,4	89,3
food products (including catering outside home, alcoholic beverages and tobacco)	51,2	57,4	52,1	50,2	49,2	48,4	53,4	58,2	53,9	52,7	53,4	50,1
manufactured goods and services	35,8	31,2	33,3	37,6	39,2	35,7	36,0	31,4	33,3	38,2	37,0	39,2
Cash support to relatives, friends and other persons	3,5	5,1	6,0	2,6	1,8	1,9	3,6	5,0	5,6	2,7	1,9	1,9
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	9,5	6,3	8,6	9,6	9,8	14,0	7,0	5,4	7,2	6,4	7,7	8,8

## POPULATION INCOME AND EXPENDITURE

**18.22. Structure of money expenditure for households with children, by number of children***(average monthly per one household)*

	2008					2009				
	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>2811,1</b>	<b>2848,8</b>	<b>2745,3</b>	<b>2616,2</b>	<b>2277,3</b>	<b>2958,1</b>	<b>2899,0</b>	<b>2947,2</b>	<b>4179,6</b>	<b>4118,9</b>
	<b>Percent</b>									
Consumption cash expenditure	88,2	89,0	86,3	85,8	88,2	91,3	91,5	90,9	92,8	63,9
food products (including catering outside home, alcoholic beverages and tobacco)	49,7	50,0	48,3	54,0	61,2	52,6	53,2	53,5	41,4	33,9
manufactured goods and services	38,5	39,0	38,0	31,8	27,0	38,7	38,3	37,4	51,4	30,0
Cash support to relatives, friends and other persons	1,8	1,8	1,7	1,3	0,8	1,9	2,1	1,6	1,0	2,0
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	10,0	9,2	12,0	12,9	11,0	6,8	6,4	7,5	6,2	34,1

**18.23. Structure of household money expenditure in 2009, by per capita income***(average monthly per one household)*

	All households	With average per capita cash income per month, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
<b>Total cash expenditure, UAH</b>	<b>2415,1</b>	<b>1077,4</b>	<b>1563,1</b>	<b>1823,3</b>	<b>1820,8</b>	<b>2149,4</b>	<b>2461,5</b>
	<b>Percent</b>						
Consumption cash expenditure	89,4	94,7	93,1	91,8	91,4	91,5	90,5
food products (including catering outside home, alcoholic beverages and tobacco)	53,4	67,2	62,2	58,4	57,8	55,8	55,6
manufactured goods and services	36,0	27,5	30,9	33,4	33,6	35,7	34,9
Cash support to relatives, friends and other persons	3,6	0,7	1,1	1,8	2,8	3,0	3,3
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	7,0	4,6	5,8	6,4	5,8	5,5	6,2

## POPULATION INCOME AND EXPENDITURE

Table 18.23 continued

	With average per capita cash income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 701 UAH <sup>1</sup>
<b>Total cash expenditure, UAH</b>	<b>2780,9</b>	<b>3208,8</b>	<b>3232,8</b>	<b>3196,0</b>	<b>4334,2</b>	<b>1707,2</b>
	<b>Percent</b>					
Consumption cash expenditure	89,1	88,1	88,0	89,9	83,4	92,0
food products (including catering outside home, alcoholic beverages and tobacco)	52,1	51,1	50,1	51,5	43,4	59,3
manufactured goods and services	37,0	37,0	37,9	38,4	40,0	32,7
Cash support to relatives, friends and other persons	3,8	3,7	3,8	4,5	6,2	1,8
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc.)	7,1	8,2	8,2	5,6	10,4	6,2

<sup>1</sup> See the footnote to Table 18.19**18.24. Population, by total per capita income**

(percent)

	2007			2008			2009		
	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 per month, UAH									
under 300,0	3,7	2,1	6,8	0,9	0,3	2,0	0,5	0,3	0,9
300,1–480,0	17,9	15,3	23,2	6,1	4,0	10,3	4,3	3,5	6,0
480,1–660,0	28,9	27,6	31,8	15,0	12,4	20,2	12,5	10,3	17,0
660,1–840,0	21,2	21,5	20,6	19,5	17,8	23,3	19,0	17,7	21,7
840,1–1020,0	28,3 <sup>1</sup>	33,5	17,6	18,2	18,3	18,2	18,3	17,5	20,1
1020,1–1200,0	...	...	...	12,7	14,1	9,8	13,9	14,4	12,8
1200,1–1380,0	...	...	...	9,3	10,4	6,9	9,7	10,2	8,5
1380,1–1560,0	...	...	...	5,9	7,1	3,4	6,7	7,4	5,2
1560,1–1740,0	...	...	...	3,7	4,2	2,6	5,1	5,8	3,5
1740,1–1920,0	...	...	...	2,6	3,3	1,2	2,9	3,8	1,2
over 1920,0	...	...	...	6,1	8,1	2,1	7,1	9,1	3,1
Quintile differentiation coefficient of cash income of the population, times	2,0	2,0	2,0	2,1	2,1	2,0	2,1	2,1	2,0
Correlation of cash income of 20% richest and 20% poorest people (quintile coefficient for funds), times	3,6	3,6	3,4	3,8	3,8	3,4	3,7	3,8	3,2
Percentage of people with average per capita cash income per month lower than subsistence level <sup>2</sup>	29,3	25,4	37,5	18,1	13,4	27,8	21,4	17,8	29,0

<sup>1</sup> See the first footnote to Table 18.17<sup>2</sup> See the second footnote to Table 18.17

## POPULATION INCOME AND EXPENDITURE

**18.25. Households, by total per capita income***(percent)*

	2007			2008			2009		
	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 per month, UAH									
under 300,0	2,7	1,8	4,8	0,6	0,3	1,4	0,4	0,3	0,7
300,1–480,0	13,6	12,2	16,9	4,3	3,1	7,2	3,2	2,7	4,3
480,1–660,0	28,6	27,6	30,4	11,6	10,0	15,2	9,3	8,0	12,1
660,1–840,0	22,5	21,6	24,6	18,9	17,3	22,3	17,0	16,3	18,7
840,1–1020,0	32,6 <sup>1</sup>	36,8	23,3	19,1	18,3	20,7	18,2	17,1	21,0
1020,1–1200,0	...	...	...	13,2	13,8	11,7	14,7	14,5	15,0
1200,1–1380,0	...	...	...	10,1	10,9	8,5	10,4	10,5	10,1
1380,1–1560,0	...	...	...	6,6	7,4	4,9	7,7	8,0	6,9
1560,1–1740,0	...	...	...	4,5	5,0	3,4	5,7	6,3	4,5
1740,1–1920,0	...	...	...	3,1	3,6	1,8	3,6	4,3	2,0
over 1920,0	...	...	...	8,0	10,3	2,9	9,8	12,0	4,7
Percentage of households with average per capita cash income per month lower than subsistence level <sup>2</sup>	23,7	21,7	28,0	13,3	10,4	19,8	16,2	14,0	21,2

<sup>1</sup> See the first footnote to Table 18.17<sup>2</sup> See the second footnote to Table 18.17

## POPULATION INCOME AND EXPENDITURE

**18.26. Households in 2009, by total per capita income, household size and number of children**

(percent)

	All households	With average per capita total income per month, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
<b>All households</b>	<b>100,0</b>	<b>0,4</b>	<b>3,2</b>	<b>9,3</b>	<b>17,0</b>	<b>18,2</b>	<b>14,7</b>
Breakdown by level of average per capita total income of households consisting of							
one person	100,0	0,3	0,5	2,6	14,3	19,0	15,7
two persons	100,0	0,1	1,8	4,3	13,5	17,3	15,8
three persons	100,0	0,6	3,8	11,9	18,0	17,7	14,9
four persons	100,0	0,5	6,9	17,0	21,9	20,7	13,3
five persons and more	100,0	0,8	7,0	22,7	25,5	17,5	10,0
<b>All households with children</b>	<b>100,0</b>	<b>0,7</b>	<b>6,5</b>	<b>17,9</b>	<b>22,3</b>	<b>19,0</b>	<b>12,6</b>
Breakdown by level of average per capita total income of households with							
one child	100,0	0,4	4,1	15,2	21,2	19,7	13,9
two children	100,0	1,4	11,2	24,7	25,1	18,5	9,6
three children	100,0	1,7	21,5	25,9	25,8	9,9	8,2
four or more children	100,0	3,9	25,4	25,6	33,2	0,6	3,5

Table 18.26 continued

	With average per capita total income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 701 UAH <sup>1</sup>
<b>All households</b>	<b>10,4</b>	<b>7,7</b>	<b>5,7</b>	<b>3,6</b>	<b>9,8</b>	<b>16,2</b>
Breakdown by level of average per capita total income of households consisting of						
one person	10,9	8,7	6,9	4,6	16,5	5,4
two persons	12,2	9,9	6,9	4,9	13,3	8,2
three persons	10,9	7,0	5,6	2,9	6,7	20,2
four persons	7,3	5,0	3,3	1,7	2,4	29,9
five persons and more	7,0	3,5	3,1	1,4	1,5	36,7
<b>All households with children</b>	<b>7,6</b>	<b>5,1</b>	<b>3,4</b>	<b>1,8</b>	<b>3,1</b>	<b>30,5</b>
Breakdown by level of average per capita total income of households with						
one child	9,4	6,0	4,2	2,0	3,9	25,0
two children	3,4	2,8	1,2	1,1	1,0	43,0
three children	0,6	1,9	2,1	1,2	1,2	56,2
four and more children	—	—	—	0,7	7,1	56,1

<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			2008			2009		
	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>2590,4</b>	<b>2750,7</b>	<b>2234,1</b>	<b>2754,1</b>	<b>2913,3</b>	<b>2396,5</b>
	<b>Percent</b>								
Total consumer expenditure	93,3	93,8	92,5	86,2	87,3	83,2	87,8	88,0	87,1
food products (including catering outside home, alcoholic beverages and tobacco)	67,9	65,3	74,1	53,0	51,8	56,5	55,0	53,1	60,1
manufactured goods and services	25,4	28,5	18,4	33,2	35,5	26,7	32,8	34,9	27,0
payment for housing, communal products and services	6,9	8,1	4,2	6,6	7,6	4,1	7,7	8,7	4,9
of which									
sum of benefits and subsidies	2,3	2,5	1,8	0,6	0,7	0,4	0,7	0,7	0,5
Non-consumption total expenditure	6,7	6,2	7,5	13,8	12,7	16,8	12,2	12,0	12,9

**18.28. Structure of total household expenditure, by household size**

(average monthly per one household)

	2008						2009					
	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>2590,4</b>	<b>1358,4</b>	<b>2355,4</b>	<b>3090,0</b>	<b>3377,3</b>	<b>3919,8</b>	<b>2754,1</b>	<b>1442,2</b>	<b>2490,4</b>	<b>3237,8</b>	<b>3541,8</b>	<b>4409,5</b>
	<b>Percent</b>											
Total consumer expenditure	86,2	89,1	85,6	85,5	87,2	84,5	87,8	90,4	86,6	86,6	87,9	90,1
food products (including catering outside home, alcoholic beverages and tobacco)	53,0	58,9	54,1	50,9	51,4	52,9	55,0	60,0	55,4	52,4	54,9	55,2
manufactured goods and services	33,2	30,2	31,5	34,6	35,8	31,6	32,8	30,4	31,2	34,2	33,0	34,9
payment for housing, communal products and services	6,6	9,5	6,9	6,6	5,7	4,9	7,7	10,0	8,5	7,6	6,8	5,6
of which												
sum of benefits and subsidies	0,6	1,5	0,8	0,3	0,3	0,4	0,7	1,6	0,9	0,4	0,4	0,4
Non-consumption total expenditure	13,8	10,9	14,4	14,5	12,8	15,5	12,2	9,6	13,4	13,4	12,1	9,9



## POPULATION INCOME AND EXPENDITURE

**18.29. Structure of total expenditure for households with children, by number of children***(average monthly per one household)*

	2008					2009				
	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>3176,2</b>	<b>3181,0</b>	<b>3174,2</b>	<b>3129,8</b>	<b>2968,4</b>	<b>3393,9</b>	<b>3303,1</b>	<b>3437,0</b>	<b>4841,0</b>	<b>5197,1</b>
	<b>Percent</b>									
Total consumer expenditure	86,6	87,0	85,5	87,8	90,4	89,1	88,7	90,1	92,8	72,9
food products (including catering outside home, alcoholic beverages and tobacco)	51,6	51,2	51,6	60,3	69,4	54,4	54,1	57,1	47,1	47,9
manufactured goods and services	35,0	35,8	33,9	27,5	21,0	34,7	34,6	33,0	45,7	25,0
payment for housing, communal products and services	6,2	6,4	5,7	5,2	5,2	7,1	7,5	6,6	5,1	2,9
of which sum of benefits and subsidies	0,3	0,3	0,2	0,2	0,2	0,3	0,4	0,3	0,1	0,1
Non-consumption total expenditure	13,4	13,0	14,5	12,2	9,6	10,9	11,3	9,9	7,2	27,1

**18.30. Structure of total household expenditure in 2009, by different total per capita income***(average monthly per one household)*

	All households	With average per capita total income per month, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0
<b>Total expenditure, UAH</b>	<b>2754,1</b>	<b>1136,7</b>	<b>1732,2</b>	<b>2079,9</b>	<b>2159,1</b>	<b>2299,6</b>	<b>2579,7</b>
	<b>Percent</b>						
Total consumer expenditure	87,8	97,3	96,0	94,4	92,3	91,7	90,7
food products (including catering outside home, alcoholic beverages and tobacco)	55,0	70,2	71,1	65,4	61,6	59,7	57,9
manufactured goods and services	32,8	27,1	24,9	29,0	30,7	32,0	32,8
payment for housing, communal products and services	7,7	7,8	7,8	8,0	8,4	8,2	8,4
of which sum of benefits and subsidies	0,7	0,1	0,4	0,4	0,7	0,9	0,9
Non-consumption total expenditure	12,2	2,7	4,0	5,6	7,7	8,3	9,3

## POPULATION INCOME AND EXPENDITURE

Table 18.30 continued

	With average per capita total income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 701 UAH <sup>1</sup>
<b>Total expenditure, UAH</b>	<b>2897,7</b>	<b>3183,1</b>	<b>3415,4</b>	<b>3562,5</b>	<b>4769,2</b>	<b>2016,6</b>
	<b>Percent</b>					
Consumption cash expenditure	87,7	86,7	86,2	86,3	76,1	94,1
food products (including catering outside home, alcoholic beverages and tobacco)	54,2	52,8	51,1	50,5	41,0	65,3
manufactured goods and services	33,5	33,9	35,1	35,8	35,1	28,8
payment for housing, communal products and services	7,5	7,3	7,4	7,3	6,4	7,9
of which						
sum of benefits and subsidies	0,8	0,6	0,6	0,6	0,4	0,4
Non-consumption total expenditure	12,3	13,3	13,8	13,7	23,9	5,9

<sup>1</sup> See the footnote to Table 18.19**18.31. Structure of household expenditure in 2009, 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>2754,1</b>	<b>2913,3</b>	<b>2396,5</b>	<b>2415,1</b>	<b>2624,6</b>	<b>1944,6</b>
	<b>Percent</b>					
Consumption expenditure	87,8	88,0	87,1	89,4	91,9	82,0
food goods and non-alcoholic beverages	50,0	47,8	56,0	47,9	48,9	44,8
alcohol	1,5	1,6	1,3	1,6	1,7	1,4
tobacco	1,7	1,7	1,6	1,9	1,9	2,0
clothing and footwear	5,6	5,5	5,9	6,4	6,0	7,2
housing, water, electricity, gas and other fuel	9,4	10,1	7,4	9,9	10,4	8,5
furniture, personal effects, household appliances and daily household services	2,3	2,3	2,2	2,6	2,6	2,7
health care	3,1	3,1	3,1	3,3	3,1	3,6
transport	3,8	4,1	3,1	4,2	4,4	3,8
communications	2,5	2,8	1,7	2,8	3,1	2,1
recreation and culture	1,8	2,1	0,8	2,0	2,3	1,0
education	1,3	1,5	0,8	1,5	1,7	1,0
hotels, cafes and restaurants	2,5	2,9	1,3	2,7	3,1	1,6
other goods and services	2,3	2,5	1,9	2,6	2,7	2,3

POPULATION INCOME AND EXPENDITURE

**18.32. Structure of household money income**

(average monthly per one household)

	2000			2008			2009		
	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>2541,4</b>	<b>2766,8</b>	<b>2040,2</b>	<b>2670,0</b>	<b>2870,7</b>	<b>2219,0</b>
	<b>Percent</b>								
Labour remuneration	54,6	61,9	34,5	56,1	61,5	40,0	54,2	58,7	41,2
Income from entrepreneurship and self-employment	3,5	3,9	2,5	6,0	6,3	4,8	5,9	5,9	5,5
Income from sales of agricultural products	7,8	1,5	24,9	3,7	0,4	13,6	3,4	0,5	11,4
Cash pensions, stipends and benefits	23,3	22,3	26,4	26,4	24,2	33,1	29,2	27,5	34,5
Cash support from relatives and other individuals and other cash income	10,8	10,4	11,7	7,8	7,6	8,5	7,3	7,4	7,4

**18.33. Structure of household money income, by household size**

(average monthly per one household)

	2008						2009					
	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>2541,4</b>	<b>1186,6</b>	<b>2311,6</b>	<b>3074,7</b>	<b>3367,7</b>	<b>4034,0</b>	<b>2670,0</b>	<b>1262,6</b>	<b>2445,7</b>	<b>3113,3</b>	<b>3479,6</b>	<b>4527,7</b>
	<b>Percent</b>											
Labour remuneration	56,1	30,1	44,6	66,8	65,8	59,5	54,2	29,7	43,0	65,0	62,3	60,6
Income from entrepreneurship and self-employment	6,0	3,5	3,9	7,3	8,0	5,4	5,9	3,3	3,7	7,2	8,1	6,3
Income from sales of agricultural products	3,7	3,1	3,7	3,0	4,1	5,2	3,4	2,8	3,7	2,3	3,8	4,5
Cash pensions, stipends and benefits	26,4	49,6	39,3	16,3	15,1	24,2	29,2	51,1	42,3	18,6	19,4	23,7
Cash support from relatives and other individuals and other cash income	7,8	13,7	8,5	6,6	7,0	5,7	7,3	13,1	7,3	6,9	6,4	4,9

## POPULATION INCOME AND EXPENDITURE

**18.34. Structure of money income for households with children, by number of children***(average monthly per one household)*

	2008					2009				
	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**                      **3096,5   3156,7   2969,8   2964,1   2258,7   3282,4   3195,2   3254,0   5180,1   4927,2**

**Percent**

Labour remuneration	64,9	67,4	60,0	52,2	33,9	63,7	65,6	58,0	66,3	31,8
Income from entrepreneurship and self-employment	8,0	8,0	8,4	4,5	8,9	7,7	7,2	10,1	5,2	3,8
Income from sales of agricultural products	4,0	3,3	5,6	7,5	5,2	3,4	2,6	5,2	3,3	17,4
Cash pensions, stipends and benefits	14,5	13,7	15,5	24,4	42,2	17,2	16,5	19,0	18,0	41,8
Cash support from relatives and other individuals and other cash income	8,6	7,6	10,5	11,4	9,8	8,0	8,1	7,7	7,2	5,2

**18.35. Structure of household money income in 2009, by per capita money income***(average monthly per one household)*

	All households	With average per capita cash income per month, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,1–1200,0

**Total cash income, UAH**                      **2670,0   828,4   1468,0   1866,5   1911,3   2354,5   2733,9**

**Percent**

Labour remuneration	54,2	44,3	47,1	51,7	46,3	51,0	55,8
Income from entrepreneurship and self-employment	5,9	2,5	3,2	4,6	3,7	5,3	5,8
Income from sales of agricultural products	3,4	9,9	6,6	5,6	3,6	2,9	3,7
Cash pensions, stipends and benefits	29,2	29,5	32,3	30,6	39,4	33,4	27,8
Cash support from relatives and other individuals and other cash income	7,3	13,8	10,8	7,5	7,0	7,4	6,9

## POPULATION INCOME AND EXPENDITURE

Table 18.35 continued

	With average per capita cash income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 701 UAH <sup>1</sup>
<b>Total cash income, UAH</b>	<b>3123,8</b>	<b>3474,6</b>	<b>3697,4</b>	<b>3927,3</b>	<b>5322,1</b>	<b>1710,4</b>
	<b>Percent</b>					
Labour remuneration	56,1	56,8	57,7	56,0	61,4	49,5
Income from entrepreneurship and self-employment	5,4	7,2	9,2	8,1	7,3	4,0
Income from sales of agricultural products	3,7	2,2	2,6	2,2	2,1	5,4
Cash pensions, stipends and benefits	28,2	26,5	23,5	26,6	21,6	32,8
Cash support from relatives and other individuals and other cash income	6,6	7,3	7,0	7,1	7,6	8,3

<sup>1</sup> See the footnote to Table 18.19**18.36. Structure of household total resources**

(average monthly per one household)

	2000			2008			2009		
	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>2892,8</b>	<b>3064,7</b>	<b>2510,6</b>	<b>3015,3</b>	<b>3149,4</b>	<b>2714,0</b>
	<b>Percent</b>								
Cash income	68,1	75,3	54,0	87,9	90,3	81,3	88,5	91,2	81,8
labour remuneration	37,1	46,6	18,7	49,4	55,6	32,5	47,9	53,4	33,7
income from entrepreneurship and self-employment	2,4	3,0	1,4	5,3	5,8	3,9	5,1	5,4	4,6
income from sales of agricultural products	5,3	1,1	13,4	3,3	0,3	11,1	2,9	0,5	9,4
cash pensions, stipends and benefits	15,9	16,7	14,2	23,1	21,9	27,0	26,0	25,2	28,1
cash support from relatives and other individuals and other cash income	7,4	7,9	6,3	6,8	6,7	6,8	6,6	6,7	6,0
Value of consumed products that were produced at private subsistence farms or individually procured	17,1	8,0	34,9	4,0	1,3	11,2	4,6	1,7	12,4
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	2,9	3,3	2,0	0,5	0,6	0,4	0,6	0,7	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 <sup>1</sup>	0,9	1,2	0,3	0,5	0,6	0,3	0,6	0,6	0,3
Other receipts	11,0	12,2	8,8	7,1	7,2	6,8	5,7	5,8	5,1

<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)

	2008						2009					
	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>2892,8</b>	<b>1358,8</b>	<b>2606,9</b>	<b>3494,1</b>	<b>3841,9</b>	<b>4652,2</b>	<b>3015,3</b>	<b>1440,5</b>	<b>2749,3</b>	<b>3490,6</b>	<b>3921,9</b>	<b>5200,3</b>
	<b>Percent</b>											
Cash income	87,9	87,3	88,7	88,0	87,7	86,7	88,5	87,6	89,0	89,2	88,7	87,1
labour remuneration	49,4	26,2	39,6	58,9	57,8	51,7	47,9	26,0	38,3	57,8	55,3	52,7
income from entrepreneurship and self- employment	5,3	3,0	3,4	6,5	7,1	4,7	5,1	2,8	3,3	6,3	7,3	5,4
income from sales of agricultural products	3,3	2,6	3,3	2,7	3,6	4,5	2,9	2,5	3,3	2,1	3,4	3,9
cash pensions, stipends and benefits	23,1	43,4	34,9	14,3	13,2	20,9	26,0	44,8	37,6	16,7	17,1	20,7
cash support from relatives and other individuals and other cash income	6,8	12,1	7,5	5,6	6,0	4,9	6,6	11,5	6,5	6,3	5,6	4,4
Value of consumed products that were produced at private subsistence farms or individually procured	4,0	4,4	4,0	2,8	4,0	6,2	4,6	5,0	4,5	3,5	4,6	6,9
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,5	1,5	0,7	0,3	0,3	0,4	0,6	1,6	0,8	0,4	0,4	0,3
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc. as well as to pay for transport and communication services	0,5	0,7	0,5	0,4	0,6	0,4	0,6	0,6	0,5	0,5	0,5	0,5
Other receipts	7,1	6,1	6,1	8,5	7,4	6,3	5,7	5,2	5,2	6,4	5,8	5,2

## POPULATION INCOME AND EXPENDITURE

**18.38. Structure of total resources of households with children, by number of children***(average monthly per one household)*

	2008					2009				
	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>3536,2</b>	<b>3573,0</b>	<b>3458,7</b>	<b>3474,4</b>	<b>2940,4</b>	<b>3697,2</b>	<b>3570,4</b>	<b>3742,2</b>	<b>5830,9</b>	<b>6167,6</b>
	<b>Percent</b>									
Cash income	87,6	88,3	85,9	85,3	76,8	88,8	89,5	87,0	88,8	79,9
labour remuneration	56,9	59,6	51,5	44,6	26,1	56,5	58,7	50,4	58,9	25,5
income from entrepreneurship and self-employment	7,1	7,1	7,3	3,8	6,9	6,9	6,4	8,7	4,5	3,0
income from sales of agricultural products	3,5	2,9	4,8	6,4	4,0	3,0	2,3	4,5	2,9	13,9
cash pensions, stipends and benefits	12,7	11,9	13,2	20,9	32,4	15,3	14,8	16,6	16,0	33,4
cash support from relatives and other individuals and other cash income	7,4	6,8	9,1	9,6	7,4	7,1	7,3	6,8	6,5	4,1
Value of consumed products that were produced at private subsistence farms or individually procured	4,0	3,2	5,5	9,3	17,0	4,7	4,0	6,4	6,1	13,2
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,3	0,3	0,2	0,3	0,2	0,3	0,3	0,3	0,1	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	0,5	0,6	0,6	0,6	0,2	0,6	0,6	0,6	1,0	0,8
Other receipts	7,6	7,6	7,8	4,5	5,8	5,6	5,6	5,7	4,0	6,0

## POPULATION INCOME AND EXPENDITURE

**18.39. Structure of household total resources in 2009, by total per capita income***(average monthly per one household)*

	All house- holds	With average per capita total income per month, UAH												for refe- rence: under 701 UAH¹
		under 300,0	300,1– 480,0	480,1– 660,0	660,1– 840,0	840,1– 1020,0	1020,1– 1200,0	1200,1– 1380,0	1380,1– 1560,0	1560,1– 1740,0	1740,1– 1920,0	over 1920,0		
<b>Total resources, UAH</b>	<b>3015,3</b>	<b>852,2</b>	<b>1544,3</b>	<b>2103,1</b>	<b>2233,4</b>	<b>2485,8</b>	<b>2836,0</b>	<b>3261,7</b>	<b>3503,3</b>	<b>3876,1</b>	<b>4040,6</b>	<b>5545,3</b>	<b>1986,0</b>	
		<b>Percent</b>												
Cash income	88,5	72,7	80,3	85,8	87,9	88,2	87,6	87,5	89,2	91,2	91,8	90,2	85,0	
labour remuneration	47,9	38,2	41,3	46,1	45,2	43,9	47,0	47,6	48,6	49,9	50,0	54,1	45,4	
income from entrepreneurship and self-employment	5,1	0,6	1,8	4,0	3,5	4,5	4,4	5,0	5,5	8,0	8,3	6,3	3,7	
income from sales of agricultural products	2,9	2,3	4,0	3,9	3,0	3,3	2,9	2,8	3,6	2,8	2,6	2,3	3,7	
cash pensions, stipends and benefits	26,0	18,5	24,1	24,5	30,0	30,5	26,9	26,4	24,9	24,3	24,6	20,3	24,8	
cash support from relatives and other individuals and other cash income	6,6	13,1	9,1	7,3	6,2	6,0	6,4	5,7	6,6	6,2	6,3	7,2	7,4	
Value of consumed products that were produced at private subsistence farms or individually procured	4,6	12,8	10,1	8,1	6,7	6,0	5,1	4,2	3,6	3,6	2,4	1,8	8,4	
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,6	0,1	0,4	0,4	0,7	0,8	0,8	0,7	0,5	0,5	0,5	0,4	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	0,6	0,0	0,1	0,3	0,5	0,4	0,6	0,6	0,6	0,6	0,8	0,6	0,3	
Other receipts	5,7	14,4	9,1	5,4	4,2	4,6	5,9	7,0	6,1	4,1	4,5	7,0	5,8	

<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			2008			2009		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		in urban	in rural		in urban	in rural		in urban	in rural
Meat and meat products	3,3	3,3	3,2	5,1	5,5	4,0	4,8	5,2	3,9
Milk and dairy products	17,1	15,4	20,5	22,6	22,6	22,5	19,8	19,5	20,2
Eggs, pcs	18	20	16	20	21	18	20	21	18
Fish and fish products	1,3	1,4	1,1	2,1	2,3	1,9	1,8	1,9	1,7
Sugar	3,5	3,5	3,5	3,4	3,3	3,7	3,2	3,1	3,5
Sunflower-seed oil and other vegetables oils	1,8	1,9	1,6	1,8	1,8	1,7	1,9	1,9	1,8
Potatoes	10,4	9,0	13,1	8,4	7,2	10,6	8,0	6,9	10,3
Vegetables, melons and gourds	9,5	9,7	9,3	9,3	9,3	9,2	10,1	10,2	10,0
Fruit, berries, nuts and grapes	2,5	2,7	1,9	3,7	4,4	2,3	3,6	4,2	2,2
Bread and bakery products	10,7	10,5	11,2	9,6	8,6	11,5	9,3	8,5	10,9

**18.41. Foodstuffs consumed by households, by household size***(average monthly per capita; kg)*

	2008						2009					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Meat and meat products	5,1	6,7	6,0	5,1	4,3	3,6	4,8	6,0	5,7	4,8	4,1	3,8
Milk and dairy products	22,6	33,5	25,9	20,9	19,2	18,7	19,8	28,8	22,4	18,3	16,5	17,3
Eggs, pcs	20	21	23	20	19	17	20	21	23	19	19	17
Fish and fish products	2,1	3,2	2,7	2,1	1,7	1,5	1,8	2,7	2,3	1,7	1,5	1,3
Sugar	3,4	5,0	4,1	3,2	2,8	2,7	3,2	4,7	3,7	3,0	2,7	2,7
Sunflower-seed oil and other vegetables oils	1,8	2,9	2,1	1,7	1,4	1,3	1,9	2,9	2,2	1,7	1,5	1,5
Potatoes	8,4	11,0	9,3	7,4	7,5	8,4	8,0	10,5	8,8	7,2	7,0	8,2
Vegetables, melons and gourds	9,3	13,4	11,1	8,8	7,6	7,2	10,1	14,7	12,0	9,5	8,4	7,9
Fruit, berries, nuts and grapes	3,7	4,8	4,0	4,0	3,3	2,7	3,6	4,7	3,9	3,7	3,1	2,8
Bread and bakery products	9,6	14,7	11,2	8,5	8,0	8,2	9,3	14,1	10,6	8,3	7,9	8,1

## POPULATION INCOME AND EXPENDITURE

**18.42. Foodstuffs consumed by households with children, by number of children within household***(average monthly per capita; kg)*

	2008					2009				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Meat and meat products	4,2	4,7	3,6	3,1	2,8	4,1	4,4	3,6	3,1	2,5
Milk and dairy products	19,1	19,9	17,7	19,0	18,2	17,2	17,3	16,8	16,9	17,9
Eggs, pcs	19	20	17	16	15	18	19	18	16	12
Fish and fish products	1,7	1,8	1,4	1,3	1,1	1,5	1,6	1,3	1,2	0,8
Sugar	2,8	3,0	2,6	2,7	2,8	2,7	2,8	2,6	2,5	2,4
Sunflower-seed oil and other vegetables oils	1,5	1,5	1,3	1,3	1,2	1,5	1,6	1,4	1,4	1,3
Potatoes	7,5	7,4	7,2	8,7	9,7	7,2	7,0	7,2	7,8	11,0
Vegetables, melons and gourds	7,6	8,1	6,7	6,7	5,8	8,3	8,7	7,7	7,5	7,1
Fruit, berries, nuts and grapes	3,4	3,7	2,9	2,6	2,4	3,3	3,6	2,9	2,9	2,6
Bread and bakery products	7,9	8,0	7,7	8,5	9,6	7,8	7,9	7,5	7,8	7,2

**18.43. Foodstuffs consumed by households in 2009, by total per capita income***(average monthly per capita; kg)*

	All households	With average per capita total income per month, UAH					
		under 300,0	300,1–480,0	480,1–660,0	660,1–840,0	840,1–1020,0	1020,0–1200,0
Meat and meat products	4,8	1,7	2,7	3,2	3,9	4,4	5,1
Milk and dairy products	19,8	8,1	12,1	14,4	17,0	18,8	20,7
Eggs, pcs	20	13	17	17	18	19	21
Fish and fish products	1,8	1,1	1,1	1,3	1,6	1,7	1,9
Sugar	3,2	1,9	2,5	2,5	3,0	3,3	3,4
Sunflower-seed oil and other vegetables oils	1,9	1,4	1,5	1,6	1,7	1,9	1,9
Potatoes	8,0	6,2	7,3	7,6	7,9	8,3	8,3
Vegetables, melons and gourds	10,1	5,2	7,0	7,4	8,8	9,8	10,7
Fruit, berries, nuts and grapes	3,6	1,2	1,8	2,1	2,7	3,1	3,8
Bread and bakery products	9,3	7,8	8,2	8,3	9,0	9,5	9,6

## POPULATION INCOME AND EXPENDITURE

Table 18.43 continued

	With average per capita total income per month, UAH					
	1200,1–1380,0	1380,1–1560,0	1560,1–1740,0	1740,1–1920,0	over 1920,0	for reference: under 701 UAH <sup>1</sup>
Meat and meat products	5,5	6,0	6,1	6,7	7,4	3,1
Milk and dairy products	22,1	24,1	24,5	25,4	27,9	14,1
Eggs, pcs	21	22	21	23	23	17
Fish and fish products	2,0	2,2	2,2	2,6	2,7	1,3
Sugar	3,5	3,6	3,5	3,8	3,9	2,6
Sunflower-seed oil and other vegetables oils	2,0	2,0	2,0	2,1	2,1	1,6
Potatoes	8,0	8,2	8,0	8,1	8,2	7,6
Vegetables, melons and gourds	11,2	12,0	12,1	12,7	13,6	7,5
Fruit, berries, nuts and grapes	4,1	4,7	5,0	5,6	6,4	2,0
Bread and bakery products	9,7	9,6	9,3	9,4	9,9	8,4

<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)

	2008						with average per capita total income per month lower than subsistence level <sup>1</sup>
	all house-holds	including by quintile (20%) groups					
		first	second	third	fourth	fifth	
Meat and meat products	5,1	3,3	4,5	5,1	5,8	7,1	3,1
Milk and dairy products	22,6	16,9	21,5	23,3	25,1	28,4	15,9
Eggs, pcs	20	17	20	20	22	22	16
Fish and fish products	2,1	1,5	2,0	2,2	2,4	2,8	1,4
Sugar	3,4	2,9	3,4	3,5	3,7	3,9	2,7
Sunflower-seed oil and other vegetables oils	1,8	1,5	1,8	1,8	1,9	2,0	1,4
Potatoes	8,4	8,2	8,6	8,6	8,3	8,3	8,1
Vegetables, melons and gourds	9,3	7,2	8,8	9,7	10,1	11,3	6,8
Fruit, berries, nuts and grapes	3,7	2,3	3,1	3,6	4,4	5,9	2,1
Bread and bakery products	9,6	8,9	9,9	9,9	9,7	9,7	8,7

## POPULATION INCOME AND EXPENDITURE

Table 18.44 continued

	2009						with average per capita total income per month lower than subsistence level¹
	all house-holds	including by quintile (20%) groups					
		first	second	third	fourth	fifth	
Meat and meat products	4,8	3,3	4,1	4,8	5,6	6,9	3,1
Milk and dairy products	19,8	14,7	17,7	20,1	22,6	26,2	14,1
Eggs, pcs	20	17	19	20	21	22	17
Fish and fish products	1,8	1,3	1,7	1,9	2,1	2,5	1,3
Sugar	3,2	2,7	3,1	3,4	3,5	3,7	2,6
Sunflower-seed oil and other vegetables oils	1,9	1,6	1,8	1,9	2,0	2,1	1,6
Potatoes	8,0	7,6	8,1	8,2	8,3	8,1	7,6
Vegetables, melons and gourds	10,1	7,7	9,2	10,5	11,4	13,0	7,5
Fruit, berries, nuts and grapes	3,6	2,2	2,8	3,5	4,3	5,7	2,0
Bread and bakery products	9,3	8,6	9,2	9,6	9,6	9,6	8,4

<sup>1</sup> In the 4<sup>th</sup> quarter 2008, 626 UAH, in 4<sup>th</sup> quarter 2009 – 701 UAH

## 18.45. Foodstuffs consumed

(per capita per year; kg)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Meat and meat products (including lard and offal) on meat base	68	39	33	33	35	39	39	42	46	51	50
Milk and dairy products on milk base	373	244	199	225	226	226	226	235	225	214	212
Eggs, pcs	272	171	166	209	214	220	238	251	252	260	272
Fish and fish products	17,5	3,6	8,4	11,9	12,0	12,3	14,4	14,1	15,3	17,5	15,1
Sugar	50	32	37	36	36	38	38	40	40	41	38
Oil	11,6	8,2	9,4	10,7	11,3	13,0	13,5	13,6	14,3	15,0	15,4
Potatoes	131	124	135	133	138	141	136	134	130	132	133
Vegetables, melons and gourds	102	97	102	108	114	115	120	127	118	129	137
Fruit, berries and grapes (excluding processed for wine)	47	33	29	29	33	34	37	35	42	44	46
Bakery products (bread, pasta on flour base; flour, cereals and legume crops)	141	128	125	131	125	126	124	120	116	115	112

POPULATION INCOME AND EXPENDITURE

**18.46. Consumed nutrients<sup>1</sup>**

(per capita per day)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Calories, kcal	3597	2696	2661	2800	2798	2910	2916	2935	2940	2998	2946
Proteins, g	105,3	77,7	73,4	78,6	77,7	79,3	79,7	80,0	79,0	80,3	78,8
Fat, g	124,0	77,1	71,7	78,3	80,9	87,8	89,7	92,5	95,5	99,5	99,7
Calcium, mg	1362	954	825	914	919	923	927	954	921	902	902
Iron, mg	25,0	20,2	19,4	20,3	20,1	20,5	20,5	20,3	20,0	20,3	20,2
Retinol, µg	1863	1217	1004	1142	1150	1152	1156	1204	1158	1112	1109
Equivalent of beta-carotene, µg	1528	1431	1472	1569	1646	1670	1735	1824	1711	1848	1952
Equivalent of retinol and beta-carotene (RET+ <sup>1</sup> / <sub>6</sub> B-CAREQ), µg	2115	1455	1249	1403	1424	1430	1446	1507	1443	1419	1434
Thiamine, mg	2,30	1,86	1,81	1,87	1,84	1,88	1,90	1,90	1,87	1,89	1,87
Riboflavin, mg	3,46	2,57	2,27	2,47	2,50	2,54	2,51	2,60	2,57	2,57	2,56
Niacin, mg	22,4	17,3	16,8	17,5	17,5	17,9	17,9	18,1	18,1	18,8	18,6
Ascorbic acid, mg	123	98	100	102	108	110	111	111	110	115	119

<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	2008
Refrigerators and freezers	94	93	94	95	96	99	100	106
Washing machines	74	74	74	75	74	77	78	84
Vacuum cleaners	56	55	54	56	56	62	64	74
Electric irons	98	98	99	98	96	98	98	100
CD-players	...	...	...	...	3	7	12	25
Colour TV sets	69	71	74	79	83	91	96	107
Black-and-white TV sets	36	32	29	24	20	15	12	6
Videocassette recorders	13	13	14	16	17	22	21	21
Audiocassette recorders	43	43	41	39	35	34	27	20
Music centers	3	3	4	6	8	11	13	17
Cameras	22	23	25	27	30	36	35	38
Computers	1	2	3	4	6	9	12	22
Microwaves	1	2	3	3	5	9	14	29
Kitchen combines	3	3	4	4	3	5	5	9
Sewing machines	48	46	43	40	35	35	32	31
Motorbikes and bicycles	43	43	42	40	41	44	44	48
Motorcycles	7	6	5	5	4	4	3	3
Cars	17	16	16	16	16	16	17	20
Mobile phones	...	...	...	...	15 <sup>3</sup>	44	81	149

<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>	2008 <sup>1</sup>	2009 <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>	<b>132</b>	<b>136</b>
Autonomous Republic of Crimea	83	110	119	126	124	127	126	127	119	119	125	134
<b>oblasts</b>												
Vinnitsya	56	81	101	103	100	106	94	104	104	112	102	113
Volyn	50	72	92	93	93	94	91	88	99	101	110	111
Dnipropetrovsk	73	96	106	107	112	116	106	118	119	134	144	150
Donetsk	63	79	102	102	101	106	107	102	107	104	125	131
Zhytomyr	49	70	90	90	95	83	99	99	105	113	124	126
Zakarpattia	64	94	92	92	95	96	103	115	118	117	132	152
Zaporizhzhya	96	121	144	145	146	161	166	170	167	166	165	163
Ivano-Frankivsk	39	68	86	86	90	96	96	98	99	106	124	93
Kyiv	59	91	115	114	131	65	132	144	122	158	168	177
Kirovohrad	75	90	121	109	103	102	89	87	93	110	115	120
Luhansk	73	89	95	100	104	88	112	115	119	124	133	140
Lviv	51	67	75	75	95	82	87	91	96	98	103	105
Mykolayiv	61	83	83	82	82	84	87	88	90	96	107	116
Odesa	69	83	102	103	108	98	97	87	80	100	109	112
Poltava	75	98	123	125	94	102	113	129	141	154	163	130
Rivne	37	58	76	74	76	95	88	91	82	88	94	89
Sumy	58	83	92	91	94	86	91	94	90	93	103	116
Ternopil	43	66	87	85	87	89	80	80	84	91	106	113
Kharkiv	68	95	108	116	119	122	121	124	125	124	132	137
Kherson	63	93	106	107	113	113	114	118	118	124	134	138
Khmelnyskiy	49	71	94	92	93	75	74	77	89	95	105	106
Cherkasy	68	110	117	121	120	121	121	118	126	130	135	137
Chernivtsi	52	90	108	104	105	98	96	98	98	99	102	108
Chernihiv	54	71	79	79	74	66	73	79	81	85	94	98
<b>cities</b>												
Kyiv	60	103	148	154	161	163	167	183	199	221	240	256
Sevastopol	87	113	125	128	133	162	79	144	146	147	155	175

<sup>1</sup> Data of the State Road Police of the Ministry of Home Affairs of Ukraine as of August 1, for 2009 – as of December 16

## POPULATION INCOME AND EXPENDITURE

**18.49. Household deposits taken by deposit corporations (except National Bank of Ukraine),  
in 2009 by region***(in national and foreign currencies; end of year; mln. UAH)*

	Total	In national currency	In foreign currency
<b>Ukraine</b>	<b>214098</b>	<b>101081</b>	<b>113016</b>
Autonomous Republic of Crimea and Sevastopol city	8097	3752	4345
<b>oblasts</b>			
Vinnitsya	3481	1923	1558
Volyn	2469	1383	1086
Dnipropetrovsk	22352	13350	9002
Donetsk	17932	9110	8822
Zhytomyr	2467	1534	933
Zakarpattia	2114	836	1278
Zaporizhzhya	6557	3342	3215
Ivano-Frankivsk	3323	1592	1731
Kyiv and Kyiv city	74396	29505	44891
Kirovohrad	1725	1080	645
Luhansk	5050	3100	1950
Lviv	12184	5268	6915
Mykolayiv	3362	1750	1612
Odesa	11369	3847	7522
Poltava	5060	2847	2213
Rivne	2554	1312	1242
Sumy	2725	1623	1102
Ternopil	2567	1102	1465
Kharkiv	10230	5075	5155
Kherson	2582	1316	1266
Khmelnyskiy	3325	1823	1502
Cherkasy	3465	1990	1475
Chernivtsi	2127	958	1169
Chernihiv	2585	1664	922

## 19. HOUSING CONDITIONS OF THE POPULATION

The chapter contains the information about the housing stock and its maintenance, the provision of population with accommodation, registered dwellings and equipping of inhabited localities with services and utilities.

The state statistical observation serves a source of information.

**Housing stock** is the set of residential dwellings for long-term residence. It comprises residential buildings, special dwellings (hostels, old age and disabled 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 organisations.

**Communal housing stock** comprises the stock of dwellings owned by territorial communities of villages, townships, cities/towns and city districts.

**Private housing stock** comprises the dwelling stock of private and other enterprises, economic partnerships and associations

(excluding public and communal), cooperatives, organisations, departments, establishments (excluding public and communal), and natural persons (households).

**Total living space** comprises the area of dwelling and auxiliary areas (excluding entry vestibules in single-unit dwellings) as well as area of verandas, terraces and balconies. The coefficients used to calculate space are: terraces and balconies – 0,3; for loggias – 0,5; glassed-in balconies – 0,8; verandes and glassed-in loggias – 1,0.

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

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

Total living space excludes the size of the following places:

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

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

**Inhabited localities equipped with services and utilities** are the ones with centralised water supply and sewage system, i.e. cities, towns, and rural type settlements and villages, where water pipes and some water supply networks provide water to the population to meet the communal and domestic wants while the sewage facilities take away, in a centralised way, waste waters from residential buildings and communal utilities.



## HOUSING CONDITIONS OF THE POPULATION

**19.1. Housing stock***(mln.sq.m of total size)*

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

**19.2. Number of apartment applicants and improvement of housing conditions***(thsd.)*

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

## HOUSING CONDITIONS OF THE POPULATION

**19.3. Allocation of housing to the some categories of population**

	Families and single persons registered as requiring housing, end of year			Families and single persons who obtained housing and improved their housing conditions		
	2007	2008	2009	2007	2008	2009
<b>Total</b>	<b>1251889</b>	<b>1216277</b>	<b>1174230</b>	<b>16931</b>	<b>16682</b>	<b>11203</b>
<b>Public housing stock</b>	<b>969684</b>	<b>941061</b>	<b>909358</b>	<b>16580</b>	<b>16298</b>	<b>11160</b>
citizens provided with the right for top-priority receipt of housing	274602	266342	256731	4809	4879	3648
participants of war operations, war participants	19530	17600	14886	223	185	126
participants of war operations abroad	13894	13375	13489	384	420	224
military men transferred to reserve or retired	14111	13397	12635	588	460	222
large families (raising three and more children)	42835	42128	40864	531	581	493
single mothers	29863	29776	29266	379	453	378
dwellers of ramshackle and dangerous house	25218	24058	22883	722	717	494
sick persons (according to the established list)	26643	26018	25483	292	315	266
other categories	102508	99990	97225	1690	1748	1445
citizens provided with the right for out-of-turn receipt of housing	94051	91732	89000	2846	2502	1909
disabled war veterans	8166	7801	6813	222	200	156
families of dead military men and equated to them in rights	2421	2323	2235	81	82	55
families suffered as a result of Chornobyl Catastrophe (1 <sup>st</sup> and 2 <sup>nd</sup> categories)	29379	28240	26909	456	441	413
other categories	54085	53368	53043	2087	1779	1285
requiring housing citizens, registered in general list	601031	582987	563627	8925	8917	5603

## HOUSING CONDITIONS OF THE POPULATION

Table 19.3 continued

	Families and single persons registered as requiring housing, end of year			Families and single persons who obtained housing and improved their housing conditions		
	2007	2008	2009	2007	2008	2009
<b>Cooperative housing</b>	<b>282205</b>	<b>275164</b>	<b>264119</b>	<b>351</b>	<b>377</b>	<b>31</b>
citizens provided with the right for top-priority receipt of housing	50363	49985	48576	26	35	14
participants of war operations, war participants	3012	3011	2872	1	—	—
participants of war operations abroad	1624	1618	1576	1	5	—
military men transferred to reserve or retired	971	968	936	1	—	—
large families (raising three and more children)	4408	4338	4185	11	5	—
single mothers	2369	2402	2344	—	5	1
dwellers of ramshackle and dangerous house	600	697	688	—	—	—
sick persons (according to the established list)	1492	1472	1463	—	2	—
other categories	35887	35479	34512	12	18	13
citizens provided with the right for out-of-turn receipt of housing	10393	10070	9655	2	1	—
disabled war veterans	622	603	595	—	—	—
families of dead military men and equated to them in rights	282	279	274	—	—	—
families suffered as a result of Chornobyl Catastrophe (1 <sup>st</sup> and 2 <sup>nd</sup> categories)	2785	2775	2750	—	1	—
other categories	6704	6413	6036	2	—	—
requiring housing citizens, registered in general list	221449	215109	205888	323	341	17
<b>Social housing</b>	<b>...</b>	<b>52</b>	<b>753</b>	<b>...</b>	<b>7</b>	<b>12</b>
<b>Of total number</b>						
dwelling of communal flats	53836	53280	51348	664	765	421
dwelling of hostels	185245	180309	176087	3115	3121	2054
young families	116555	121787	116888	1379	1782	1080
number of the families in the waiting list that bought flats	×	×	×	623	811	396

## HOUSING CONDITIONS OF THE POPULATION

**19.4. Families and single persons registered as requiring housing in urban areas, by region***(thsd.)*

	Registered for public housing						Registered for cooperative housing					
	1990	1995	2000	2005	2008	2009	1990	1995	2000	2005	2008	2009
<b>Ukraine</b>	<b>2055,9</b>	<b>1866,4</b>	<b>1351,8</b>	<b>1022,7</b>	<b>928,8</b>	<b>897,3</b>	<b>537,0</b>	<b>503,9</b>	<b>397,0</b>	<b>288,5</b>	<b>275,1</b>	<b>264,0</b>
Autonomous Republic of Crimea	91,0	80,1	55,0	49,4	48,8	47,7	31,8	30,2	26,0	24,5	24,5	24,4
<b>oblasts</b>												
Vinnitsya	51,8	52,7	40,7	23,6	22,8	22,6	11,9	13,1	11,2	9,7	8,9	8,8
Volyn	34,6	33,4	26,0	21,2	23,2	22,9	16,7	17,2	12,2	11,1	10,3	10,3
Dnipro-petrovsk	165,4	150,3	96,4	64,4	56,4	53,8	29,9	24,4	16,3	9,1	8,9	8,8
Donetsk	242,4	206,8	132,5	93,9	84,3	82,8	39,3	27,9	20,7	6,4	1,3	1,3
Zhytomyr	44,1	44,9	37,0	30,0	29,1	28,0	16,4	15,7	13,8	10,1	7,0	6,6
Zakarpattia	22,2	16,6	9,9	6,7	5,7	5,5	5,9	5,8	5,0	5,0	4,9	4,2
Zaporizhzhya	107,2	86,8	60,8	48,2	43,4	42,4	25,2	18,9	14,9	11,6	10,5	10,4
Ivano-Frankivsk	37,9	40,5	31,6	20,5	20,1	19,4	6,0	6,3	6,7	5,6	6,3	6,3
Kyiv	60,2	63,2	50,0	41,0	39,4	36,7	10,5	11,2	8,6	7,4	7,2	6,5
Kirovohrad	43,0	39,8	33,0	14,9	14,3	11,6	8,3	7,9	7,1	7,0	7,0	7,0
Luhansk	120,0	95,5	54,0	36,4	34,8	32,1	26,8	18,4	11,3	8,5	8,0	7,6
Lviv	118,6	100,0	81,3	57,0	52,7	52,1	36,5	35,3	25,5	22,2	22,3	22,1
Mykolayiv	53,1	48,7	34,4	24,4	22,7	21,8	6,1	6,5	5,9	3,4	3,7	3,7
Odesa	101,6	88,3	57,9	44,6	35,0	33,1	21,8	23,0	13,0	7,1	6,7	5,0
Poltava	60,9	55,3	35,7	25,2	23,1	21,9	12,6	12,5	9,2	4,2	3,4	3,4
Rivne	43,4	42,3	33,8	27,2	23,7	23,7	6,9	7,2	6,2	5,2	4,8	4,6
Sumy	70,5	65,5	54,4	42,8	40,8	40,4	19,0	19,4	17,8	16,1	19,2	16,1
Ternopil	32,0	26,1	19,2	17,3	13,7	13,6	10,8	11,3	11,5	9,4	8,9	8,8
Kharkiv	142,8	120,1	85,5	60,3	49,5	48,1	38,4	29,6	17,8	12,4	10,3	10,2
Kherson	51,1	43,1	25,4	18,7	17,6	17,2	12,8	12,6	7,7	5,1	4,5	4,5
Khmelnyskiy	55,3	55,5	42,9	32,3	29,6	29,3	23,7	23,4	22,5	21,7	22,1	21,8
Cherkasy	62,4	57,8	41,5	29,0	26,5	25,3	12,3	16,8	6,9	0,9	1,8	1,6
Chernivtsi	23,1	23,7	16,8	11,8	12,3	12,1	9,5	10,2	9,3	9,7	9,3	9,0
Chernihiv	41,0	36,2	28,2	24,2	20,7	17,6	7,7	5,3	3,4	3,0	2,3	1,6
<b>cities</b>												
Kyiv	155,7	171,0	151,8	145,2	125,9	123,2	74,6	80,0	76,9	46,3	46,3	45,2
Sevastopol	24,6	22,2	16,1	12,5	12,7	12,4	15,6	13,8	9,6	5,8	4,7	4,2

## HOUSING CONDITIONS OF THE POPULATION

**19.5. Families and single persons who obtained housing and improved their housing conditions in urban areas, by region**

	Obtained public housing						Obtained cooperative housing					
	1990	1995	2000	2005	2008	2009	1990	1995	2000	2005	2008	2009
<b>Ukraine</b>	<b>198332</b>	<b>68778</b>	<b>28869</b>	<b>19192</b>	<b>15864</b>	<b>10822</b>	<b>28753</b>	<b>8874</b>	<b>1902</b>	<b>416</b>	<b>357</b>	<b>31</b>
Autonomous Republic of Crimea	8540	2721	1068	1007	1704	621	743	417	5	—	—	—
<b>oblasts</b>												
Vinnitsya	6188	2046	781	825	878	371	1097	333	371	—	—	—
Volyn	3997	1794	729	327	395	170	574	325	32	1	—	—
Dnipro-petrovsk	21484	4981	2155	1825	484	540	1599	192	—	1	1	5
Donetsk	19424	7432	2861	2657	2290	1764	1937	140	1	39	249	—
Zhytomyr	5327	2119	577	415	831	221	1170	207	—	—	—	—
Zakarpattia	1836	349	312	93	97	31	417	16	—	18	2	—
Zaporizhzhya	7967	2759	1322	480	336	309	739	58	—	—	1	—
Ivano-Frankivsk	3758	2319	659	277	387	195	362	216	142	—	—	—
Kyiv	7926	3583	876	330	266	309	662	112	107	—	—	—
Kirovohrad	4864	1767	482	439	200	161	75	237	166	—	—	—
Luhansk	10817	3211	1875	1553	1495	1150	844	28	—	31	79	23
Lviv	9780	2293	1397	260	434	207	1154	460	91	8	11	3
Mykolayiv	6154	1814	741	457	330	239	565	255	68	6	5	—
Odesa	6256	2059	1161	646	378	290	1781	389	7	—	—	—
Poltava	5708	3033	1287	401	201	220	833	1013	129	43	—	—
Rivne	4335	1145	642	229	172	134	461	1	13	—	—	—
Sumy	5039	1812	921	380	184	196	827	209	280	—	—	—
Ternopil	3501	821	173	133	60	52	548	35	—	100	—	—
Kharkiv	12900	3220	1178	587	498	526	1193	158	152	28	—	—
Kherson	3590	805	402	154	142	84	1589	359	6	2	—	—
Khmelnyskiy	5009	2279	885	384	214	178	673	142	—	12	—	—
Cherkasy	4473	1850	653	392	331	144	968	242	131	125	3	—
Chernivtsi	2925	950	280	175	176	111	480	72	45	—	—	—
Chernihiv	4155	2211	792	340	113	343	438	—	123	—	—	—
<b>cities</b>												
Kyiv	20953	8892	4361	4291	3105	2165	6825	3103	33	1	—	—
Sevastopol	1426	513	299	135	163	91	199	155	—	1	6	—

## HOUSING CONDITIONS OF THE POPULATION

**19.6. Housing stock,**

	Total housing stock					Including private housing stock				
	1990	1995	2000	2008	2009	1990	1995	2000	2008	2009
<b>Ukraine</b>	<b>922094</b>	<b>978318</b>	<b>1014974</b>	<b>1066634</b>	<b>1072162</b>	<b>485378</b>	<b>636960</b>	<b>793199</b>	<b>981332</b>	<b>990816</b>
Autonomous Republic of Crimea	31733	36738	37327	39981	39302	10718	22275	26641	34766	34297
<b>oblasts</b>										
Vinnitsya	39937	42011	42994	43789	43930	31234	35312	38004	41614	41738
Volyn	18300	19484	20164	21788	21925	12348	14885	16956	20738	20954
Dnipropetrovsk	69150	76685	77828	78720	79094	27158	42116	56319	70291	70872
Donetsk	95535	95464	98614	100847	100933	35469	53035	69549	88679	89692
Zhytomyr	28220	30555	31817	33029	33159	19518	22935	26162	31138	31347
Zakarpattia	21279	23621	25228	27754	28018	16866	20437	23277	27033	27338
Zaporizhzhya	36828	38200	39397	40644	40798	15876	21643	27999	37514	37870
Ivano-Frankivsk	25070	26746	28813	31605	31971	18458	21827	25877	30555	30986
Kyiv	39532	43339	46835	52728	53294	27198	32258	40103	49501	50360
Kirovohrad	23521	24494	24947	24665	24679	15352	18665	21177	23534	23621
Luhansk	52707	54058	54778	55429	55437	22014	34074	40082	49469	50089
Lviv	44083	47059	49988	52867	53381	23986	29904	40931	49196	49931
Mykolayiv	23470	23469	26009	25913	26005	12342	15526	21273	23707	23927
Odesa	45144	47728	48194	53099	53142	24065	29677	36649	47254	47493
Poltava	32819	34339	36333	36951	37043	19602	24181	29994	34381	34547
Rivne	20818	21900	22984	24073	24234	14317	16695	19602	22971	23230
Sumy	25775	26967	26948	27694	27747	15481	19146	21777	25844	25999
Ternopil	20726	21783	23490	24791	24965	15705	17965	21042	24050	24185
Kharkiv	53839	57454	59898	62848	63255	21237	30745	43930	57327	58018
Kherson	21940	23111	24436	24877	25536	11031	14233	19475	23355	23560
Khmelnyskiy	28867	30377	31708	32828	32985	21048	24120	27407	31337	31500
Cherkasy	30808	32316	33600	33999	34121	21490	24822	28815	32580	32793
Chernivtsi	16462	17852	18788	20021	20237	11639	14330	16674	19371	19621
Chernihiv	26324	27068	28045	29581	29701	18707	20786	23352	27744	27914
<b>cities</b>										
Kyiv	43630	47887	48857	57955	58975	1962	12590	26208	50187	51545
Sevastopol	5577	7613	6954	8158	8295	557	2778	3924	7196	7389

HOUSING CONDITIONS OF THE POPULATION

**by region**

*(thsd.sq.m of total size)*

Urban housing stock					Including private housing stock				
1990	1995	2000	2008	2009	1990	1995	2000	2008	2009
<b>574331</b>	<b>616568</b>	<b>643229</b>	<b>684276</b>	<b>688784</b>	<b>178592</b>	<b>299348</b>	<b>437544</b>	<b>606818</b>	<b>614967</b>
20718	24849	25143	26966	26231	4229	12846	16190	22692	22113
13364	14234	15420	16174	16304	6054	8500	11136	14345	14452
7837	8549	8872	9887	9988	2497	4257	5910	8906	9081
55259	62064	63166	63773	64138	15514	28961	42563	55794	56349
85467	85443	88251	90275	90381	27838	44312	60083	78562	79578
12927	14574	15684	16410	16497	5653	8389	10919	15070	15230
8128	8305	8571	9715	9893	3999	5342	6768	9158	9373
26232	27286	28325	29634	29817	7497	11930	17632	26820	27203
9620	10244	11096	12635	12859	3323	5518	8285	11635	11920
18556	21741	24031	26591	26801	8966	12349	18299	23903	24375
12570	13535	13817	14100	14186	5725	8377	10521	13141	13270
45225	46396	46870	47615	47659	16368	27224	32662	41849	42504
24364	25787	27721	29041	29365	5067	9389	19214	25707	26226
14257	14004	16607	16961	17086	5062	6906	12497	15031	15283
26252	28591	28784	33413	33307	7071	11620	17966	28021	28119
16415	17786	19486	20045	20161	5644	9014	14194	17972	18122
8696	9144	9769	10260	10334	2928	4465	6768	9326	9480
14377	15673	15870	16968	17064	5719	8679	11254	15306	15500
7447	7912	9064	9941	10077	2796	4324	6761	9265	9364
40968	44342	46267	49232	49593	11761	19667	31647	44230	44835
13055	13840	14679	15350	16106	4976	6232	10399	14196	14493
11053	12303	13589	14826	14994	3925	6534	9651	13497	13671
13817	15068	15709	16047	16209	5938	8410	11518	14848	15095
6314	6742	7013	7637	7681	1758	3426	5061	7064	7144
12206	13101	13928	14996	15132	5765	7552	9779	13381	13560
43630	47887	48857	57955	58975	1962	12590	26208	50187	51545
5577	7168	6640	7829	7946	557	2535	3659	6912	7082

## HOUSING CONDITIONS OF THE POPULATION

## 19.7. Average of housing size,

	1990			1995			2000		
	total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas
<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

**by region**

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

2005			2007			2008			2009		
total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas
22,0	20,8	24,6	22,5	21,2	25,4	22,8	21,4	25,8	23,0	21,6	26,1
19,0	20,5	16,5	19,8	21,4	17,1	20,0	21,6	17,3	19,7	21,1	17,4
25,4	19,3	30,8	25,9	19,4	32,0	26,3	19,8	32,4	26,5	19,9	32,9
19,5	17,7	21,4	19,9	18,1	21,9	20,2	18,3	22,1	20,3	18,4	22,3
22,5	21,8	25,8	22,8	22,0	26,4	23,0	22,3	26,6	23,2	22,5	26,8
21,5	21,4	23,2	22,0	21,8	24,1	22,3	22,0	24,5	22,4	22,2	24,7
23,3	21,2	26,0	23,8	21,5	26,8	24,1	21,7	27,3	24,4	21,9	27,7
21,1	20,0	21,8	21,8	20,6	22,6	22,3	21,0	23,0	22,4	21,4	23,1
21,4	20,4	24,6	21,8	20,7	25,4	22,0	20,9	25,7	22,2	21,1	25,9
21,6	19,8	22,9	22,3	20,5	23,6	22,8	21,3	24,0	23,1	21,6	24,2
27,7	23,6	33,7	29,3	24,6	36,3	30,2	25,0	38,0	30,6	25,1	39,1
23,2	21,4	26,0	23,8	22,0	26,5	24,1	22,4	26,7	24,3	22,6	26,9
23,2	23,1	23,7	23,1	22,8	24,5	23,4	23,2	24,8	23,6	23,4	24,9
19,8	18,1	22,4	20,3	18,5	23,2	20,6	18,7	23,5	20,8	18,8	23,8
21,2	20,5	22,6	21,3	20,6	22,8	21,4	20,7	22,9	21,6	21,0	23,0
21,0	19,7	23,5	21,6	20,4	23,9	22,0	20,9	24,3	22,1	20,8	24,6
23,4	21,1	26,8	24,0	21,6	27,7	24,3	21,8	28,2	24,6	22,0	28,5
20,1	17,9	22,0	20,6	18,4	22,6	20,8	18,5	22,8	20,9	18,6	22,9
22,0	20,2	25,3	22,6	20,7	26,2	22,7	20,8	26,4	23,0	21,1	26,8
21,7	20,1	22,9	22,4	20,7	23,6	22,6	20,9	23,8	22,7	21,1	23,9
21,6	21,2	22,9	22,1	21,7	23,6	22,3	21,9	24,0	22,6	22,1	24,3
21,4	21,6	21,2	22,0	22,0	21,9	22,4	22,5	22,2	23,1	23,7	22,0
23,4	19,6	27,5	24,0	20,1	28,4	24,3	20,3	29,0	24,6	20,5	29,5
25,3	21,7	29,6	25,7	21,8	30,5	25,9	21,8	31,0	26,2	22,1	31,2
21,3	19,8	22,4	21,8	20,0	23,0	22,1	20,2	23,4	22,3	20,2	23,8
24,0	20,5	29,2	24,4	20,7	30,2	24,9	21,2	30,8	25,3	21,5	31,5
20,2	20,2	—	20,5	20,5	—	20,6	20,6	—	20,9	20,9	—
19,4	19,8	13,7	20,2	20,6	13,6	20,9	21,3	14,1	21,2	21,7	14,9

HOUSING CONDITIONS OF THE POPULATION

**19.8. Housing stock facilities**

*(percent)*

	1995		2000		2005		2008		2009	
	in urban areas	in rural areas	in urban areas	in rural areas	in urban areas	in rural areas	in urban areas	in rural areas	in urban areas	in rural areas
Percentage of accommodations equipped with										
water supply	71,5	15,2	75,3	17,9	76,6	20,0	77,3	23,3	77,5	25,2
sewage	69,7	9,5	73,7	12,9	75,4	15,7	76,1	19,1	76,4	21,2
central heating	69,5	11,2	72,8	18,3	74,2	24,4	75,5	31,4	76,0	33,6
gas supply	80,2	79,4	81,6	82,5	81,8	84,1	82,3	84,5	82,2	84,6
hot water supply	54,1	2,7	58,4	4,3	59,7	5,4	60,3	7,5	60,6	9,5
baths	65,4	8,2	70,0	11,1	71,6	13,4	72,4	16,7	72,6	18,7
electric stoves for floor	4,5	0,2	4,8	0,1	5,3	0,1	5,5	0,1	5,6	0,2

**19.9. Improving housing amenities in settlements**

	2000	2002	2003	2004	2005	2006	2007	2008	2009
Inhabited localities equipped with									
water supply									
cities	448	449	450	454	452	453	454	455	456
rural settlements of urban type	796	781	783	767	767	768	769	767	771
villages	6651	6506	6490	6375	6308	6305	6280	6283	6316
sewage									
cities	426	432	432	436	438	439	440	443	445
rural settlements of urban type	518	504	497	490	489	495	496	497	503
villages	841	834	813	792	746	744	742	737	737
gas supply (natural gas and with natural and liquefied gas <sup>1</sup> )									
cities	387	394	402	407	411	417	418	420	421
rural settlements of urban type	476	508	519	533	545	573	592	602	609
villages	8086	8799	8671	9444	10318	11661	12281	13018	13447
gas supply (with liquefied gas only <sup>1</sup> )									
cities	57	53	49	45	42	36	34	32	32
rural settlements of urban type	384	355	341	328	316	295	238	221	213
villages	18807	18050	18106	17318	16306	15172	14749	13964	13443

<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 covered; while urban-type communities should have at least 50 apartments and rural-type communities at least 10 apartments. Since 2006, the inhabited localities with natural gas are those where at least one of the consumers uses the natural gas directly from the gas pipe for the communal-general needs. The localities with natural and liquefied gas are those where at least one consumer uses the natural gas from the gas pipe and at least one consumer uses the liquefied gas from a gas-cylinder which is serviced by a gas-handling facility. The localities with liquefied gas are those where at least one consumer uses liquefied gas

## 20. EDUCATION

This section contains statistics on permanent pre-schools, secondary educational institutions, professional training institutes and institutions of higher education of different levels of accreditation, data on training of 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, lycées, gymnasiums, educational training complexes (associations), sanatorium schools of all levels as well as specialised schools (boarding schools) and schools of social rehabilitation.

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

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

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

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

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

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

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

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

Within the improvements made to the state statistical observation launched over institutions of higher education, the methodology behind the indicators of admission to and graduation from institutions of higher education has undergone changes.

From the 2004/05 academic year, the section gives data on enrollments to the primary cycle of education (i.e. students who just started their training at institutions of higher education) and graduations (excluding those who continue their training in order to receive a higher educational and qualification level).

# EDUCATION

## 20.1. Pre-school educational institutions

(end of year)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total institutions, thsd.	24,5	21,4	16,3	15,3	15,0	14,9	15,1	15,1	15,3	15,4	15,5 <sup>1</sup>
in urban areas	11,9	10,5	7,4	6,9	6,7	6,7	6,7	6,6	6,6	6,7	6,7
in rural areas	12,6	10,9	8,9	8,4	8,3	8,2	8,4	8,5	8,7	8,7	8,8
Enrollment capacity of the institutions, thsd. places	2277	2014	1117	1060	1053	1040	1056	1063	1084	1110	1121 <sup>2</sup>
in urban areas	1662	1463	832	790	782	767	773	780	789	808	814
in rural areas	615	551	285	270	271	273	283	283	295	302	307
Total children at the institutions, thsd.	2428	1536	983	973	977	996	1032	1081	1137	1195	1214
in urban areas	1877	1222	824	809	807	820	840	877	916	959	972
in rural areas	551	314	159	164	170	176	192	204	221	236	242
Percentage of total children of the specified age attending pre-school	57	44	40	48	49	50	51	53	54	54	56
in urban areas	64	53	52	65	65	65	64	66	66	66	68
in rural areas	43	28	18	21	22	24	27	29	31	32	33
Children at the institutions per 100 places	107	76	88	92	93	96	98	102	105	108	108
in urban areas	113	84	99	102	103	107	109	112	116	119	119
in rural areas	90	57	56	61	63	65	68	72	75	78	79

<sup>1</sup> 1,1 thsd. of these were non-functioning institutions. A third of these institutions (36%) has not been classed as fit for training or undergone major repair. Others (64%) were not functioning due to absence of children, lack of fuel, electric energy, funds, etc. 39% of institutions have not functioned for 6–10 years, while 26% have been idle for more than 10 years

<sup>2</sup> Excluding places at pre-school institutions that were not functioning for a year or more for any reason

# EDUCATION

## 20.2. Pre-school educational institutions, by region

	Total institutions							Enrollment, thsd.						
	1990	1995	2000	2005	2007	2008	2009	1990	1995	2000	2005	2007	2008	2009
<b>Ukraine</b>	<b>24525</b>	<b>21359</b>	<b>16347</b>	<b>15058</b>	<b>15305</b>	<b>15414</b>	<b>15508</b>	<b>2428,3</b>	<b>1535,6</b>	<b>983,0</b>	<b>1031,7</b>	<b>1137,5</b>	<b>1194,5</b>	<b>1213,9</b>
Autonomous Republic of Crimea	1062	865	684	613	605	604	602	148,4	74,5	36,3	40,3	45,8	48,5	49,1
<b>oblasts</b>														
Vinnitsya	1127	983	695	644	678	682	689	83,6	55,7	37,8	39,0	43,1	44,5	44,8
Volyn	495	468	305	355	407	421	428	43,1	30,4	17,0	23,1	27,7	29,4	30,3
Dnipropetrovsk	1737	1579	1115	954	951	948	951	207,5	137,2	81,3	82,3	89,6	93,6	94,9
Donetsk	2337	2040	1402	1155	1139	1146	1145	267,2	164,4	107,0	105,7	112,7	117,6	119,7
Zhytomyr	830	595	482	575	599	601	607	61,6	39,9	28,4	29,8	33,3	34,9	37,5
Zakarpattia	668	613	505	506	521	528	532	51,0	31,4	20,1	26,9	30,5	32,8	33,9
Zaporizhzhya	991	851	655	544	522	521	525	114,0	69,9	44,2	44,4	47,8	49,3	50,2
Ivano-Frankivsk	438	363	285	283	308	319	331	39,9	25,9	17,5	20,0	23,4	24,9	26,0
Kyiv	957	887	776	710	702	709	695	91,7	61,5	44,5	44,9	49,3	52,5	54,1
Kirovohrad	833	696	566	505	526	523	528	67,5	40,8	23,5	24,0	25,6	26,4	26,7
Luhansk	1200	1012	644	576	576	548	529	131,2	71,7	41,4	42,8	46,0	47,7	47,9
Lviv	858	679	483	478	512	536	554	83,7	47,4	34,9	40,8	48,0	51,9	53,4
Mykolayiv	871	785	541	517	538	540	543	76,5	49,1	28,9	29,3	32,5	33,0	33,9
Odesa	1263	1094	735	743	743	754	759	128,8	74,6	45,4	51,7	59,5	63,5	60,3
Poltava	1080	979	747	599	590	598	600	80,0	56,8	36,3	34,3	36,4	37,9	37,9
Rivne	487	364	263	265	315	339	360	43,1	28,9	18,2	22,3	26,9	29,6	30,4
Sumy	780	684	590	415	454	467	480	71,2	41,9	29,9	28,5	31,0	31,9	32,9
Ternopil	676	553	474	499	478	498	498	40,5	26,7	19,1	21,6	23,5	25,1	25,2
Kharkiv	1349	1227	742	612	624	627	634	150,9	95,8	55,1	55,4	60,9	64,0	64,8
Kherson	779	670	561	487	488	491	492	76,3	42,4	26,6	27,1	30,2	31,6	32,5
Khmelnyskiy	864	767	757	806	808	810	815	66,3	46,5	34,1	36,6	39,0	40,1	40,6
Cherkasy	902	885	791	691	687	688	688	80,4	57,0	36,1	35,8	37,4	38,5	38,5
Chernivtsi	368	312	252	309	328	337	345	34,9	20,0	15,3	21,2	23,7	24,9	25,8
Chernihiv	763	550	520	461	446	416	415	56,3	34,7	21,9	22,7	23,9	25,3	25,5
<b>cities</b>														
Kyiv	805	742	687	671	675	678	678	132,0	95,0	72,2	70,6	78,2	83,0	84,8
Sevastopol	...	116	90	85	85	85	85	...	15,5	10,0	10,6	11,6	12,1	12,3

# EDUCATION

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

(percentage of total children of the specified age)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009		
											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>54</b>	<b>54</b>	<b>56</b>	<b>68</b>	<b>33</b>
Autonomous Republic of Crimea	68	50	37	45	45	46	48	50	51	51	53	67	31
<b>oblasts</b>													
Vinnitsya	58	43	38	46	47	49	51	53	55	56	56	74	38
Volyn	44	34	24	31	34	36	38	42	44	45	47	66	28
Dnipropetrovsk	65	55	48	60	59	58	58	60	60	59	61	67	33
Donetsk	63	54	53	61	60	61	62	63	63	63	65	68	40
Zhytomyr	52	38	35	40	41	43	47	49	51	52	57	77	30
Zakarpattia	43	29	25	32	34	35	37	40	40	42	43	59	34
Zaporizhzhya	66	51	49	60	60	60	59	60	60	60	62	72	30
Ivano-Frankivsk	31	22	20	23	25	27	28	30	32	33	35	59	17
Kyiv	57	48	48	57	57	58	59	61	61	62	65	74	49
Kirovohrad	68	47	39	50	50	51	53	55	56	56	57	72	34
Luhansk	59	42	39	49	49	50	51	52	52	52	53	57	21
Lviv	35	23	23	28	30	32	33	36	38	40	41	59	16
Mykolayiv	66	51	43	55	55	54	55	57	59	58	60	70	42
Odesa	60	43	37	44	45	47	49	51	52	53	51	62	35
Poltava	61	50	45	54	54	55	56	58	58	59	60	76	34
Rivne	40	29	23	27	28	30	32	35	38	40	41	70	21
Sumy	66	48	49	54	56	59	60	62	65	66	68	78	48
Ternopil	43	31	29	34	38	40	41	41	43	45	46	67	29
Kharkiv	62	52	46	54	52	53	53	54	55	55	57	64	28
Kherson	70	45	40	51	51	53	52	57	57	58	61	71	47
Khmelnyskiy	57	44	43	53	56	58	59	60	61	61	62	75	46
Cherkasy	68	56	49	59	59	62	65	67	68	68	69	80	54
Chernivtsi	43	27	26	36	37	40	45	47	50	51	53	77	39
Chernihiv	57	44	39	47	48	48	50	52	53	55	56	74	24
<b>cities</b>													
Kyiv	60	58	63	76	71	66	65	64	62	61	64	64	—
Sevastopol	...	59	63	79	74	71	68	67	66	65	67	68	45

# EDUCATION

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

(percent)

	Language of instruction											
	Ukrainian						Russian					
	1995	2000	2005	2007	2008	2009	1995	2000	2005	2007	2008	2009
<b>Ukraine</b>	<b>66,0</b>	<b>78,0</b>	<b>84,2</b>	<b>85,0</b>	<b>85,6</b>	<b>85,8</b>	<b>33,0</b>	<b>21,6</b>	<b>15,2</b>	<b>14,4</b>	<b>13,8</b>	<b>13,6</b>
Autonomous Republic of Crimea	0,2	2,8	3,6	3,7	3,6	3,4	99,3	96,3	95,3	95,4	95,4	95,5
<b>oblasts</b>												
Vinnitsya	99,9	100,0	99,9	100,0	100,0	100,0	0,1	—	0,0	—	—	—
Volyn	99,0	100,0	100,0	100,0	100,0	100,0	1,0	—	—	—	—	—
Dnipropetrovsk	77,0	84,5	89,2	89,7	90,2	90,7	23,0	15,5	10,8	10,3	9,8	9,3
Donetsk	10,0	34,5	65,9	70,6	72,9	73,2	90,0	65,5	34,1	29,4	27,1	26,8
Zhytomyr	98,0	99,8	100,0	100,0	100,0	100,0	2,0	0,2	—	—	—	—
Zakarpattia	89,0	90,2	88,6	88,8	89,3	89,5	1,0	0,6	0,5	0,5	0,4	0,4
Zaporizhzhya	36,0	62,9	77,4	79,9	81,8	82,6	64,0	37,1	22,6	20,1	18,2	17,4
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	99,95	99,9	3,0	0,4	0,1	0,1	0,05	0,1
Kirovohrad	96,0	98,2	99,2	99,2	99,2	99,3	4,0	1,8	0,8	0,8	0,8	0,7
Luhansk	14,0	19,7	35,6	36,1	37,5	37,0	86,0	80,3	64,4	63,9	62,5	63,0
Lviv	99,6	99,7	99,9	99,8	99,8	99,8	0,3	—	—	—	—	—
Mykolayiv	71,0	90,4	96,2	96,5	96,6	96,1	29,0	9,6	3,8	3,5	3,4	3,9
Odesa	33,0	62,9	72,9	74,6	78,0	77,1	66,0	35,4	25,5	23,7	20,3	21,2
Poltava	98,0	98,3	99,1	98,7	98,6	98,7	2,0	1,7	0,9	1,3	1,4	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	98,0	98,1	98,7	13,0	2,3	2,5	2,0	1,9	1,3
Ternopil	100,0	100,0	100,0	100,0	100,0	100,0	—	—	—	—	—	—
Kharkiv	48,0	82,7	88,7	88,4	88,8	88,3	52,0	17,3	11,3	11,6	11,2	11,7
Kherson	82,0	83,2	86,3	86,6	86,9	87,7	18,0	16,8	13,7	13,4	13,1	12,3
Khmelnyskiy	99,0	99,9	99,9	99,9	99,96	99,96	1,0	0,1	0,0	0,1	0,04	0,04
Cherkasy	99,6	99,9	99,9	100,0	100,0	100,0	0,4	0,1	0,1	—	—	—
Chernivtsi	92,0	93,6	91,3	91,5	92,1	91,7	0,5	0,2	—	—	—	—
Chernihiv	92,0	99,5	99,9	99,9	99,94	99,9	8,0	0,5	0,1	0,1	0,06	0,1
<b>cities</b>												
Kyiv	99,0	99,9	99,9	99,9	99,9	99,9	1,0	0,1	0,1	—	—	—
Sevastopol	1,0	1,6	2,0	3,3	3,7	4,8	99,0	98,4	98,0	96,7	96,3	95,2

At the end of 2009, 7,3 thsd. children in multi-national regions were taught in Hungarian, Romanian, Moldavian, Crimean Tatar, and other languages.

EDUCATION

**20.5. Secondary educational institutions and institutions of higher education for 1914–2009**  
(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
2008/09	20969	4617	528	399	353	2365
2009/10	20576	4495	511	354	350	2245



## EDUCATION

### 20.6. Enrollment in educational institutions

*(beginning of academic year; thsd.)*

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

At the beginning of the 2009/10 academic year, 20,1 thsd. pupils were trained in 218 private secondary educational institutions, 355,8 thsd. students were trained in 187 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	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
Institutions	21,8	22,3	22,2	22,1	21,9	21,7	21,6	21,4	21,2	21,0	20,6
Pupils	7132	7143	6764	6350	6044	5731	5399	5120	4857	4617	4495
including grades 10–12 (10–16)	940	821	1049	1072	1060	1026	975	920	851	791	599
Total teachers	537	596	577	561	551	547	543	537	531	524	522

In 2009, 26,5 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	2007/ 08	2008/ 09	2009/ 10	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2007/ 08	2008/ 09	2009/ 10
<b>Ukraine</b>	<b>21825</b>	<b>22255</b>	<b>22210</b>	<b>21589</b>	<b>21214</b>	<b>20969</b>	<b>20576</b>	<b>7132</b>	<b>7143</b>	<b>6764</b>	<b>5399</b>	<b>4857</b>	<b>4617</b>	<b>4495</b>
Autonomous Republic of Crimea	583	625	645	632	626	621	615	314	329	295	223	198	188	185
<b>oblasts</b>														
Vinnitsya	1120	1116	1072	1040	1025	1012	994	246	248	245	205	184	174	169
Volyn	845	866	832	816	802	794	791	168	170	167	147	137	132	130
Dnipro- petrovsk	1079	1098	1113	1094	1074	1065	1054	523	522	492	378	336	319	311
Donetsk	1281	1325	1318	1235	1210	1194	1174	666	665	588	432	382	360	355
Zhytomyr	980	967	950	903	874	864	860	217	211	208	173	157	149	143
Zakarpattia	716	734	722	716	714	711	708	216	210	208	182	170	164	160
Zaporizhzhya	664	690	698	677	668	651	647	284	285	269	203	181	172	166
Ivano- Frankivsk	731	762	772	772	770	763	761	218	222	222	191	175	167	162
Kyiv	820	821	813	809	800	792	784	267	270	263	214	192	183	180
Kirovohrad	642	647	631	617	603	596	582	162	164	159	125	111	104	101
Luhansk	833	851	843	793	764	749	742	377	376	325	234	203	191	186
Lviv	1353	1457	1479	1487	1480	1469	1454	389	395	390	328	297	284	275
Mykolayiv	693	684	672	651	634	623	600	206	203	187	147	132	124	120
Odesa	951	944	975	975	969	969	967	364	355	344	283	258	248	243
Poltava	1037	1009	962	870	834	820	801	224	228	222	178	158	148	143
Rivne	766	791	796	750	729	724	711	188	193	192	171	161	155	151
Sumy	717	712	704	658	646	622	608	185	184	172	130	114	108	104
Ternopil	878	913	925	920	904	903	895	169	169	170	145	133	127	122
Kharkiv	1007	1015	1007	984	966	949	919	408	405	373	285	255	241	234
Kherson	582	588	581	575	570	568	517	195	195	182	143	127	120	116
Khmelnyskiy	1062	1099	1103	1075	1054	1033	960	210	217	212	177	160	152	145
Cherkasy	716	724	719	699	699	699	688	202	205	199	158	140	131	126
Chernivtsi	453	455	462	454	455	451	450	143	138	138	121	111	106	104
Chernihiv	909	891	843	778	735	719	689	179	177	166	129	114	108	103
<b>cities</b>														
Kyiv	341	398	497	534	535	534	531	357	350	327	261	239	231	230
Sevastopol	66	73	76	75	74	74	74	55	57	49	36	32	31	31

EDUCATION

**20.9. Secondary educational institutions at the beginning of 2009/10, 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>20576</b>	<b>4494666</b>	<b>521743</b>	<b>20358</b>	<b>4474616</b>	<b>516974</b>	<b>218</b>	<b>20050</b>	<b>4769</b>
Autonomous Republic of Crimea	615	184872	19279	602	183604	19062	13	1268	217
<b>oblasts</b>									
Vinnitsya	994	169357	22386	990	169039	22280	4	318	106
Volyn	791	129680	17108	791	129680	17108	—	—	—
Dnipropetrovsk	1054	311380	28794	1039	310482	28507	15	898	287
Donetsk	1174	354921	34424	1156	353785	34097	18	1136	327
Zhytomyr	860	143350	18654	856	142933	18577	4	417	77
Zakarpattia	708	159559	18570	703	159237	18493	5	322	77
Zaporizhzhya	647	166387	18447	641	165983	18314	6	404	133
Ivano-Frankivsk	761	161761	21742	759	161346	21693	2	415	49
Kyiv	784	180156	20296	778	179700	20185	6	456	111
Kirovohrad	582	100807	12520	580	100724	12487	2	83	33
Luhansk	742	185885	19357	737	185500	19243	5	385	114
Lviv	1454	275365	36239	1439	273994	35924	15	1371	315
Mykolayiv	600	119997	12720	598	119810	12668	2	187	52
Odesa	967	243115	26049	936	238905	25216	31	4210	833
Poltava	801	142669	17609	795	142337	17505	6	332	104
Rivne	711	150748	19046	711	150748	19046	—	—	—
Sumy	608	104164	13312	604	103966	13256	4	198	56
Ternopil	895	121969	18523	895	121969	18523	—	—	—
Kharkiv	919	234153	25274	901	231681	24825	18	2472	449
Kherson	517	115608	12997	515	115459	12953	2	149	44
Khmelnyskiy	960	144740	20502	958	144505	20444	2	235	58
Cherkasy	688	125494	16498	684	125270	16431	4	224	67
Chernivtsi	450	104271	12037	447	104165	11997	3	106	40
Chernihiv	689	103342	14245	688	103334	14232	1	8	13
<b>cities</b>									
Kyiv	531	230099	21938	485	226002	20835	46	4097	1103
Sevastopol	74	30817	3177	70	30458	3073	4	359	104

<sup>1</sup> Institutions of public and communal type of ownership

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

EDUCATION

**20.10. Day secondary educational institutions of new type at the beginning of 2009/10, by region**

	Gram-mar school	In which		Lycées	In which		Collegiums	In which		Educational training complexes	In which	
		pupils <sup>1</sup>	teachers		pupils <sup>1</sup>	teachers		pupils <sup>1</sup>	teachers		pupils	teachers
<b>Ukraine</b>	<b>588</b>	<b>294977</b>	<b>29437</b>	<b>386</b>	<b>151484</b>	<b>16569</b>	<b>46</b>	<b>26146</b>	<b>2511</b>	<b>2236</b>	<b>440332</b>	<b>52359</b>
Autonomous Republic of Crimea	5	3595	290	1	123	23	—	—	—	104	45163	4307
<b>oblasts</b>												
Vinnitsya	3	1870	164	3	813	115	—	—	—	89	24676	2713
Volyn	19	12988	1391	15	10058	963	3	2603	242	41	6901	914
Dnipro-petrovsk	17	9278	791	28	9570	1005	2	1489	144	80	22450	1964
Donetsk	36	15229	1455	33	15779	1477	2	987	86	85	29068	2647
Zhytomyr	32	17425	1712	9	5246	439	4	2177	203	50	10225	1155
Zakarpattya	13	5165	565	13	2300	297	—	—	—	35	4408	469
Zaporizhzhya	38	21336	2030	17	6533	786	6	3623	346	104	25930	2843
Ivano-Frankivsk	14	4305	522	8	2681	398	—	—	—	60	8691	1168
Kyiv	16	7478	729	16	2879	487	1	263	32	227	26727	4306
Kirovohrad	7	2110	202	2	505	79	—	—	—	50	22122	2085
Luhansk	49	20910	1920	11	4286	428	—	—	—	37	13268	1344
Lviv	26	10726	1275	13	2915	384	—	—	—	81	23936	2725
Mykolayiv	17	5430	565	6	1379	155	1	1244	101	23	2786	318
Odesa	11	5658	551	11	3002	320	—	—	—	189	52836	5730
Poltava	30	19889	1804	10	4891	477	2	1006	100	47	7516	908
Rivne	11	4823	555	11	1994	361	2	1254	132	68	24447	2647
Sumy	9	3560	401	1	224	30	—	—	—	201	15006	3036
Ternopil	15	5027	662	9	2588	369	3	167	53	64	4783	791
Kharkiv	52	31464	2711	53	23341	2254	5	3051	300	79	14141	1860
Kherson	14	7418	700	7	2824	394	—	—	—	36	7828	981
Khmelnyskiy	30	15130	1726	32	17210	1790	13	6134	643	60	6989	1067
Cherkasy	8	5195	508	11	1474	240	1	929	63	239	19999	3850
Chernivtsi	24	8392	994	12	4164	483	—	—	—	53	7698	1038
Chernihiv	26	12434	1307	9	4563	513	1	1219	96	39	2621	520
<b>cities</b>												
Kyiv	59	33417	3454	44	19808	2258	—	—	—	92	9915	944
Sevastopol	7	4725	453	1	334	44	—	—	—	3	202	29

<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	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
<b>Total institutions</b>	<b>21310</b>	<b>21903</b>	<b>21965</b>	<b>21855</b>	<b>21669</b>	<b>21484</b>	<b>21357</b>	<b>21184</b>	<b>20984</b>	<b>20745</b>	<b>20368<sup>1</sup></b>
level 1 <sup>st</sup>	3178	3254	3144	3046	2967	2855	2777	2673	2553	2422	2177
levels 1 <sup>st</sup> and 2 <sup>nd</sup>	7403	6639	6262	6063	5903	5812	5754	5675	5600	5511	5397
levels 1 <sup>st</sup> –3 <sup>rd</sup>	10318	11612	12157	12334	12390	12408	12418	12431	12432	12414	12394 <sup>1</sup>
special schools (boarding schools) and social rehabilitation schools	411	398	402	412	409	409	408	405	399	398	400
<b>Total pupils at the institutions, thsd.</b>	<b>6939</b>	<b>7007</b>	<b>6647</b>	<b>6237</b>	<b>5936</b>	<b>5626</b>	<b>5301</b>	<b>5026</b>	<b>4768</b>	<b>4533</b>	<b>4421<sup>1</sup></b>
level 1 <sup>st</sup>	67	96	107	108	108	108	101	93	89	85	82
levels 1 <sup>st</sup> and 2 <sup>nd</sup>	966	837	707	625	578	545	497	463	430	401	390
levels 1 <sup>st</sup> –3 <sup>rd</sup>	5821	6005	5764	5436	5185	4910	4642	4410	4183	3980	3883 <sup>1</sup>
special schools (boarding schools) and social rehabilitation schools	85	69	69	68	65	63	61	60	66	67	66
<b>Total teachers, thsd.</b>	<b>532</b>	<b>591</b>	<b>572</b>	<b>556</b>	<b>547</b>	<b>542</b>	<b>539</b>	<b>533</b>	<b>526</b>	<b>520</b>	<b>517</b>

<sup>1</sup> At the beginning of the 2008/09 academic year, the total for institutions includes 84 educational institutions of levels 2<sup>nd</sup> and 3<sup>rd</sup> with attendance of 20 thsd. pupils; at the beginning of the 2009/10 academic year, 82 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	thsd.	percentage of total pupils	thsd.	percentage of total pupils
1990/91	16689	80	4146	20	5696	85	1029	15
1995/96	17154	80	4288	20	5870	85	1009	15
2000/01	18774	87	2746	13	5997	92	521	8
2001/02	18968	88	2546	12	5859	93	442	7
2002/03	19140	89	2265	11	5684	94	374	6
2003/04	19251	91	1972	9	5461	95	308	5
2004/05	19146	91	1887	9	5205	95	265	5
2005/06	19236	92	1670	8	4948	96	219	4
2006/07	19199	93	1537	7	4718	96	191	4
2007/08	19127	93	1416	7	4490	96	167	4
2008/09	19007	94	1297	6	4289	97	146	3
2009/10	18677	94	1248	6	4194	97	135	3

<sup>1</sup> Excluding special schools (boarding schools), sanatorium schools and schools undergoing major repair

<sup>2</sup> Excluding pupils who require correction of physical and mental development and those 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 day 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	2007/08	2008/09	2009/10	1995/96	2000/01	2005/06	2007/08	2008/09	2009/10
<b>Ukraine</b>	<b>58</b>	<b>70</b>	<b>78</b>	<b>80</b>	<b>81</b>	<b>82</b>	<b>41</b>	<b>29</b>	<b>21</b>	<b>19</b>	<b>18</b>	<b>17</b>
Autonomous Republic of Crimea	0,1	0,9	5	6	7	8	99,5	97	93	91	90	89
<b>oblasts</b>												
Vinnitsya	91	98	99	99	99	99,5	9	2	1	1	1	0,5
Volyn	98	99	99,7	99,8	99,8	99,8	2	1	0,3	0,2	0,2	0,2
Dnipropetrovsk	46	68	78	80	81	81	54	32	22	20	19	19
Donetsk	6	14	29	36	40	43	94	86	71	64	60	57
Zhytomyr	86	96	99	99	99	99	14	4	1	1	1	1
Zakarpattia	84	86	86	86	86	87	4	2	1	1	1	1
Zaporizhzhya	31	45	60	65	68	70	69	55	40	35	32	30
Ivano-Frankivsk	98	99	99,7	99,6	99,6	99,6	2	1	0,2	0,3	0,3	0,3
Kyiv	92	97	99	99	99	99	8	3	1	1	1	1
Kirovohrad	75	89	96	97	98	98	25	11	4	3	2	2
Luhansk	9	17	34	40	44	47	91	83	66	60	56	53
Lviv	96	98	99	99	99	99	4	2	1	1	1	1
Mykolayiv	56	74	87	90	91	92	44	26	13	10	9	8
Odesa	32	47	65	69	71	72	66	51	33	29	27	26
Poltava	83	93	97	97	98	98	17	7	3	3	2	2
Rivne	99	99,7	99,9	99,96	99,97	99,97	1	0,3	0,1	0,04	0,03	0,03
Sumy	63	83	93	95	95	95	37	17	7	5	5	5
Ternopil	99	99,7	99,8	99,9	99,9	99,9	1	0,3	0,2	0,1	0,1	0,1
Kharkiv	37	55	71	74	74	75	63	45	29	26	26	25
Kherson	60	76	83	84	84	85	40	24	17	16	16	15
Khmelnyskiy	92	98	99,3	99,5	99,5	99,5	8	2	0,4	0,3	0,3	0,2
Cherkasy	86	96	98	99	99	99	14	4	2	1	1	1
Chernivtsi	78	81	81	82	82	82	5	2	0,7	0,5	0,5	0,5
Chernihiv	81	94	99	99	99	99,5	19	6	1	1	1	0,5
<b>cities</b>												
Kyiv	70	93	96	97	97	97	30	7	4	3	3	3
Sevastopol	0,0	2	2	2	2	3	99,98	98	98	98	98	97

<sup>1</sup> Excluding pupils who require correction of physical and mental development

In addition to Ukrainian and Russian, other national languages of instruction are used in the schools of Ukraine. At the beginning of the 2009/10 academic year, 21,1 thsd. children were taught in Romanian, 15,9 thsd. in Hungarian, 4,3 thsd. in Moldovian, 5,6 thsd. in Crimean Tatar, 1,4 thsd. in Polish, 0,4 thsd. in English, 0,1 thsd. in Slovakian and 0,04 thsd. in Bulgarian.

## 20.14. Night (part-time) secondary educational institutions

(beginning of academic year)

	1990/91	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09	2009/10
Total institutions	515	352	245	232	233	230	224	208
Total pupils (including distance learning) <sup>1</sup> , thsd.	193	136	117	98	94	89	83	74
of which grades 10–12 (10–16)	186	120	99	87	84	80	75	65

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

## EDUCATION

### 20.15. Pupils graduating from secondary educational institutions

(thsd.)

	Finished 2 <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
2008	546	539	7	427	399	28
2009	316	311	5	391	365	26

In 2009, 61% of graduates joined the 10<sup>th</sup> grade at day secondary educational institutions, 3% were enrolled to part-time evening shift schools, 18% entered to professional training institutions, and 17% were enrolled to institutions of higher education.

### 20.16. Professional training institutions

	Total institutions	Total pupils, thsd.	Enrolled pupils, thsd.	Graduated qualified workers, thsd.
1995	1179	555,2	300,5	277,3
2000	970	524,6	307,3	266,8
2001	965	512,3	309,1	278,8
2002	962	501,9	311,0	282,4
2003	953	493,1	311,2	275,6
2004	1011	507,3	327,6	283,4
2005	1023	496,6	314,2	286,6
2006	1021	473,8	303,7	289,3
2007	1022	454,4	299,2	285,1
2008	1018	443,6	288,1	269,6
2009	975 <sup>1</sup>	424,3	249,9	239,3
Vocational training of persons in 2009 who				
have completed secondary education	×	140,3	112,0	82,6
obtained qualification along with				
complete secondary education	×	241,7	74,7	87,7
obtained qualification without complete				
secondary education	×	21,9	13,0	13,7
involved in vocational training				
not working population	×	6,0	12,2	17,9
enterprise workers	×	13,7	31,5	30,5
involved in upgrading				
not working population	×	0,4	3,0	3,2
enterprise workers	×	0,3	3,5	3,7

<sup>1</sup> In addition to 971 institutions of the Ministry of Education and Science of Ukraine, data include 4 institutions of other ministries (agencies)

EDUCATION

**20.17. Skilled workers graduating from professional training institutions, by region**

(thsd.)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>269,6</b>	<b>239,3</b>
Autonomous Republic of Crimea	9,1	8,7	9,7	9,9	10,1	9,9	10,0	9,9	10,2	9,0	8,1
<b>oblasts</b>											
Vinnitsya	10,5	10,9	12,0	12,9	12,4	13,1	14,5	13,9	14,2	12,3	10,7
Volyn	6,9	7,1	7,4	8,1	8,0	8,9	8,6	8,9	8,6	8,2	6,2
Dniepropetrovsk	23,1	20,0	22,0	22,1	22,6	23,1	24,5	25,7	25,6	26,9	21,6
Donetsk	27,8	28,4	30,8	31,0	30,4	30,8	29,7	30,2	28,3	26,8	24,3
Zhytomyr	7,9	7,1	7,6	7,3	7,0	6,7	6,9	6,7	7,1	6,7	5,5
Zakarpattia	5,5	5,1	5,5	5,4	5,7	5,6	5,4	5,5	5,1	4,7	5,1
Zaporizhya	11,7	13,0	13,9	13,8	14,4	14,5	15,3	15,0	14,0	12,5	11,1
Ivano-Frankivsk	7,0	5,4	5,7	6,6	6,4	7,2	6,8	6,9	6,6	6,6	5,9
Kyiv	8,4	9,0	9,9	10,6	10,3	9,9	9,9	9,4	9,6	8,8	8,0
Kirovohrad	8,1	7,6	8,4	8,7	8,3	8,3	7,9	7,1	6,9	6,2	5,6
Luhansk	17,9	18,7	18,1	18,1	17,2	17,6	17,1	16,6	17,8	15,7	14,4
Lviv	20,0	19,3	19,1	18,6	17,8	18,9	19,5	19,5	20,1	18,7	17,2
Mykolayiv	7,8	8,1	8,1	8,6	8,5	8,7	8,5	8,9	8,6	8,6	8,1
Odesa	12,0	9,2	9,4	9,0	9,1	9,9	10,0	10,1	10,4	10,3	9,9
Poltava	10,5	10,6	10,9	10,6	9,6	9,8	10,4	10,9	11,0	10,0	8,5
Rivne	6,5	5,8	5,5	5,1	5,4	6,4	6,6	6,6	7,1	7,2	6,4
Sumy	8,0	8,9	8,8	9,5	8,8	8,8	9,4	10,1	9,2	9,6	8,7
Ternopil	5,6	4,8	4,9	5,2	5,1	6,2	6,6	6,9	7,2	6,7	6,0
Kharkiv	15,7	15,5	15,9	15,5	14,9	15,1	15,8	14,8	12,4	11,5	10,0
Kherson	7,0	5,9	6,3	6,7	7,0	7,3	7,1	7,1	7,5	7,3	5,2
Khmelnyskiy	7,9	7,2	7,6	7,6	7,1	7,4	7,0	8,3	8,6	8,3	7,8
Cherkasy	7,5	6,2	6,0	6,2	6,2	5,9	5,8	5,9	6,1	5,6	5,2
Chernivtsi	4,8	3,9	4,4	4,7	4,4	4,1	4,7	4,8	4,7	4,3	4,3
Chernihiv	5,2	6,3	6,8	6,8	6,0	6,4	6,0	6,0	5,3	4,9	4,9
<b>cities</b>											
Kyiv	13,2	12,8	12,6	12,1	11,4	11,4	10,9	11,9	11,3	10,7	9,0
Sevastopol	1,7	1,3	1,5	1,7	1,5	1,5	1,7	1,7	1,6	1,5	1,6



## EDUCATION

### 20.18. Institutions of higher education

*(beginning of academic 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	2008/09	2009/10	1990/91	1995/96	2000/01	2005/06	2008/09	2009/10
<b>Total institutions</b>	<b>742</b>	<b>782</b>	<b>664</b>	<b>606</b>	<b>528</b>	<b>511</b>	<b>149</b>	<b>255</b>	<b>315</b>	<b>345</b>	<b>353</b>	<b>350</b>
<b>Total students, thsd.</b>	<b>757,0</b>	<b>617,7</b>	<b>528,0</b>	<b>505,3</b>	<b>399,3</b>	<b>354,2</b>	<b>881,3</b>	<b>922,8</b>	<b>1402,9</b>	<b>2203,8</b>	<b>2364,5</b>	<b>2245,2</b>
full-time	510,7	455,6	400,8	373,4	311,4	289,1	520,0	616,3	859,5	1233,8	1310,6	1280,7
<b>Enrolled, thsd.</b>	<b>241,0</b>	<b>188,8</b>	<b>190,1</b>	<b>169,2</b>	<b>114,4</b>	<b>93,4</b>	<b>174,5</b>	<b>206,8</b>	<b>346,4</b>	<b>503,0<sup>1</sup></b>	<b>425,2<sup>1</sup></b>	<b>370,5<sup>1</sup></b>
full-time	155,8	142,2	141,2	124,8	98,4	79,4	110,9	150,7	219,5	305,0	293,4	266,5
<b>Graduated, thsd.</b>	<b>228,7</b>	<b>191,2</b>	<b>148,6</b>	<b>142,7</b>	<b>118,1</b>	<b>114,8</b>	<b>136,9</b>	<b>147,9</b>	<b>273,6</b>	<b>372,4<sup>2</sup></b>	<b>505,2<sup>2</sup></b>	<b>527,3<sup>2</sup></b>
full-time	143,9	131,5	109,5	101,9	82,8	81,3	73,3	91,7	189,1	199,6	264,5	269,8

<sup>1</sup> Persons enrolled to the elementary cycle of education (excluding those who have been enrolled to continue their training in order to obtain a higher educational and qualification levels)

<sup>2</sup> The graduates (excluding those who finished the relevant cycle of training and continue training in order to obtain a higher educational and qualification levels)

The number of students at the educational institutions of the 1<sup>st</sup> and 2<sup>nd</sup> levels of accreditation accounted for 4,2 thsd. disabled, 3,7 thsd. orphans and uncared children (aged under 18), at the educational institutions of the 3<sup>rd</sup> and 4<sup>th</sup> levels of accreditation – 12,4 thsd. and 6,4 thsd. respectively.

37,7 thsd. foreign students study at institutions of higher education of all levels of accreditation.

In 2009, 87,5 thsd. masters, 276,1 thsd. specialists, 103,9 thsd. bachelors and 174,5 thsd. junior specialists graduated from institutions of higher education of all levels of accreditation.

At the beginning of the 2009/10 academic year, institutions of higher education of all levels of accreditation employed 201,3 thsd. teachers, research and educational staff; this includes 13,3 thsd. doctors and 67,3 thsd. candidates of science, 12,6 thsd. professors and 46,0 thsd. senior lecturers.

### 20.19. Competitive examinations to institutions of higher education

*(number of applications per 100 enrolled 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	2005	2006	2007	2008	2009	1995	2000	2005	2006	2007	2008	2009
<b>All types of training</b>	<b>156</b>	<b>138</b>	<b>129</b>	<b>129</b>	<b>126</b>	<b>138</b>	<b>158</b>	<b>167</b>	<b>158</b>	<b>153</b>	<b>157</b>	<b>156</b>	<b>203</b>	<b>345</b>
full-time	160	143	135	135	131	142	164	168	174	169	176	172	233	407
part-time	161	133	129	118	119	122	148	151	134	134	123	117	146	191
distance learning	143	121	115	114	112	114	121	164	129	128	128	131	136	184

From year to year the percentage of students paying for their study increases. In 1995/96, 18% of students were enrolled on paid basis, whereas in 2009/10 this number amounted to 51%.

At the beginning of the 2009/10 academic year, institutions of higher education of all levels of accreditation trained 37,7 thsd. foreign students: 5,2 thsd. (13,8%) from China, 3,9 thsd. (10,4%) from the Russian Federation, 3,3 thsd. (8,7%) from Turkmenistan, 2,4 thsd. (6,4%) from India, 2,2 thsd. (5,9%) from the Jordan, 1,5 thsd. (4,0%) from the Iran and Syrian Arab Republic respectively.

EDUCATION

**20.20. Enrollment to institutions of higher education and training of specialists in 2009,  
by source of funds required for their training and educational and qualification levels**

	Enrolled to primary cycle of training, total	Funds from				Graduated from institutions of higher education <sup>1</sup>
		Central budget		local budgets		
		total, persons	percentage of total number of the enrolled	total, persons	percentage of total number of the enrolled	
<b>Total</b>	<b>463911</b>	<b>200699</b>	<b>43,3</b>	<b>27378</b>	<b>5,9</b>	<b>642056</b>
By educational and qualification levels						
master	50	40	80	—	—	87481
specialist	13140	4476	34	2	0,02	276142
bachelor	305819	129429	42	3467	1	103932
junior specialist	144902	66754	46	23909	17	174501

<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	2008/09	2009/10	1990/91	1995/96	2000/01	2005/06	2008/09	2009/10
<b>Ukraine</b>	<b>742</b>	<b>782</b>	<b>664</b>	<b>606</b>	<b>528</b>	<b>511</b>	<b>757,0</b>	<b>617,7</b>	<b>528,0</b>	<b>505,3</b>	<b>399,3</b>	<b>354,2</b>
Autonomous Republic of Crimea	25	33	26	22	18	17	21,7	19,8	14,1	11,2	8,6	7,6
<b>oblasts</b>												
Vinnitsya	28	29	26	20	18	17	27,8	24,0	22,8	17,8	17,1	16,7
Volyn	15	15	15	14	12	11	12,8	10,4	10,7	11,0	8,6	7,7
Dnipropetrovsk	72	75	43	35	34	34	79,1	64,7	37,0	32,6	27,0	23,9
Donetsk	83	82	68	63	60	57	88,0	65,7	51,1	56,8	47,3	39,1
Zhytomyr	21	22	20	20	18	18	20,4	17,0	17,5	22,7	18,3	16,5
Zakarpattia	15	16	15	14	11	11	11,4	10,5	8,2	7,0	4,8	4,7
Zaporizhzhya	27	29	23	23	20	18	29,8	22,2	18,4	18,9	13,2	11,6
Ivano-Frankivsk	18	20	25	22	20	18	15,8	15,1	19,4	18,3	16,8	14,4
Kyiv	16	16	18	20	18	18	16,9	15,0	12,8	11,3	10,2	9,6
Kirovohrad	18	19	18	17	15	15	16,2	11,8	11,2	12,3	10,2	9,0
Luhansk	40	43	30	33	29	28	40,0	33,4	25,0	28,0	19,7	16,8
Lviv	40	44	40	33	27	25	41,2	35,9	33,4	30,8	24,4	20,0
Mykolayiv	14	16	17	12	11	11	17,1	13,9	13,1	10,4	8,4	7,7
Odesa	35	36	32	23	19	19	38,9	30,1	27,6	24,8	17,4	14,7
Poltava	27	27	24	18	16	16	25,1	21,1	18,0	14,3	11,6	10,7
Rivne	15	17	11	11	11	11	13,1	12,2	12,8	11,0	10,9	10,4
Sumy	26	26	21	12	10	10	22,5	17,7	14,5	6,6	5,3	5,1
Ternopil	15	15	13	12	10	10	13,4	12,5	11,0	9,5	7,2	7,1
Kharkiv	49	50	39	38	36	33	55,6	42,8	31,2	29,3	27,4	22,8
Kherson	19	21	18	15	13	13	19,0	15,0	14,3	15,0	9,9	9,5
Khmelnyskiy	18	18	15	15	10	10	16,0	13,6	9,6	10,9	6,9	7,0
Cherkasy	20	22	20	21	12	12	19,6	17,4	16,2	17,8	11,1	10,6
Chernivtsi	18	18	16	16	13	13	14,2	12,5	13,6	13,6	10,6	10,0
Chernihiv	20	21	20	21	17	17	16,2	15,8	15,6	15,4	9,9	9,0
<b>cities</b>												
Kyiv	40	48	46	51	45	44	55,3	44,2	44,9	45,1	33,9	29,8
Sevastopol	4	4	5	5	5	5	3,3	3,4	4,0	2,9	2,6	2,2

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	2005/06	2007/08	2008/09	2009/10	1995/96	2000/01	2005/06	2007/08	2008/09	2009/10
<b>Ukraine</b>	<b>55</b>	<b>78</b>	<b>85</b>	<b>86</b>	<b>88</b>	<b>90</b>	<b>45</b>	<b>22</b>	<b>14</b>	<b>14</b>	<b>12</b>	<b>10</b>
Autonomous Republic of Crimea	—	—	3	3	4	5	100	100	97	97	96	95
<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	96	98	99	72	26	7	4	2	1
Donetsk	3	24	35	41	43	46	97	76	65	59	57	54
Zhytomyr	90	100	100	100	100	100	10	—	—	—	—	—
Zakarpattia	96	97	99	98	98	98	1	—	—	0,2	—	—
Zaporizhzhya	24	69	80	93	94	95	76	31	20	7	6	5
Ivano-Frankivsk	100	100	100	100	100	100	—	—	—	—	—	—
Kyiv	96	100	100	100	100	100	4	—	—	—	—	—
Kirovohrad	92	99	100	100	100	100	8	1	—	—	—	—
Luhansk	8	43	68	65	83	89	92	57	32	35	17	11
Lviv	100	100	100	100	100	100	—	—	—	—	—	—
Mykolayiv	54	95	100	100	100	100	46	5	—	—	—	—
Odesa	30	58	87	87	93	98	70	42	13	13	7	2
Poltava	84	90	100	100	100	100	16	10	—	—	—	—
Rivne	100	100	100	100	100	100	—	—	—	—	—	—
Sumy	53	92	100	100	100	100	47	8	—	—	—	—
Ternopil	100	100	100	100	100	100	—	—	—	—	—	—
Kharkiv	37	69	92	93	96	97	63	31	8	7	4	3
Kherson	50	73	89	89	87	95	50	27	11	11	13	5
Khmelnyskiy	98	100	100	100	100	100	2	—	—	—	—	—
Cherkasy	98	99,9	100	100	100	100	2	0,1	—	—	—	—
Chernivtsi	95	99,5	99	99	99	99	4	—	—	—	—	—
Chernihiv	80	99	100	100	100	100	20	1	—	—	—	—
<b>cities</b>												
Kyiv	72	98	99	100	100	100	28	2	1	—	—	—
Sevastopol	—	—	—	—	—	—	100	100	100	100	100	100

As of the beginning of the 2009/10 academic year, 78 students studied in Hungarian in the Zakarpattia oblast and 81 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	2008/09	2009/10	1990/91	1995/96	2000/01	2005/06	2008/09	2009/10
<b>Ukraine</b>	<b>149</b>	<b>255</b>	<b>315</b>	<b>345</b>	<b>353</b>	<b>350</b>	<b>881,3</b>	<b>922,8</b>	<b>1402,9</b>	<b>2203,8</b>	<b>2364,5</b>	<b>2245,2</b>
Autonomous Republic of Crimea	3	11	14	13	15	15	15,5	24,1	42,4	53,3	59,0	52,8
<b>oblasts</b>												
Vinnitsya	3	5	5	5	5	5	19,4	19,4	25,6	39,8	38,6	34,8
Volyn	1	2	3	4	4	4	9,4	11,6	18,1	23,8	27,4	27,0
Dnipropetrovsk	12	16	20	22	25	25	77,4	70,4	107,0	156,3	161,8	153,0
Donetsk	10	21	26	27	27	27	61,5	76,4	120,4	160,3	155,3	142,2
Zhytomyr	2	5	5	5	4	4	9,5	10,6	20,1	28,5	29,0	28,6
Zakarpattia	1	1	4	5	7	6	8,0	8,5	14,5	20,1	23,1	23,8
Zaporizhzhya	7	12	12	12	11	11	33,8	36,5	51,5	83,4	98,5	95,7
Ivano-Frankivsk	3	3	6	9	9	9	14,3	12,6	24,5	42,2	44,3	41,9
Kyiv	1	2	3	5	6	6	6,0	7,4	18,5	28,9	31,3	29,8
Kirovohrad	3	6	6	6	7	7	11,8	12,2	17,7	20,8	22,0	20,8
Luhansk	5	7	7	9	10	10	32,6	30,0	52,3	86,4	97,2	92,4
Lviv	12	15	17	28	26	24	67,7	59,3	83,8	127,8	143,2	142,7
Mykolayiv	2	3	3	5	5	5	12,8	13,2	21,7	33,5	35,5	36,4
Odesa	15	19	20	22	22	22	77,5	73,0	88,4	119,5	133,3	128,2
Poltava	5	6	8	8	7	7	22,6	20,8	38,5	58,8	62,1	57,7
Rivne	3	3	5	6	6	6	15,7	15,5	22,9	42,9	45,4	42,4
Sumy	4	5	6	5	5	5	15,5	16,2	27,0	59,2	54,0	49,4
Ternopil	3	7	9	11	10	9	17,5	22,6	43,8	57,4	56,0	51,5
Kharkiv	22	36	36	37	37	37	128,7	135,5	176,7	256,8	256,0	244,7
Kherson	3	5	6	6	8	8	15,7	17,0	25,2	29,7	31,9	29,9
Khmelnyskiy	3	7	10	10	10	10	16,5	17,9	28,7	39,4	47,9	45,3
Cherkasy	3	5	7	6	6	6	11,7	17,2	24,2	39,3	46,8	43,9
Chernivtsi	2	2	4	4	4	4	11,9	12,7	17,6	25,8	28,2	27,9
Chernihiv	2	5	4	5	5	5	10,9	11,3	19,4	26,7	26,1	24,9
<b>cities</b>												
Kyiv	18	45	66	65	68	69	150,2	165,1	259,9	525,7	593,3	560,8
Sevastopol	1	1	3	5	4	4	7,2	5,8	12,5	17,5	17,3	16,7

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	2005/06	2007/08	2008/09	2009/10	1995/96	2000/01	2005/06	2007/08	2008/09	2009/10
<b>Ukraine</b>	<b>51</b>	<b>73</b>	<b>82</b>	<b>83</b>	<b>88</b>	<b>89</b>	<b>49</b>	<b>27</b>	<b>18</b>	<b>17</b>	<b>12</b>	<b>11</b>
Autonomous Republic of Crimea	—	0,1	7	16	11	14	100	99,9	93	84	89	86
<b>oblasts</b>												
Vinnitsya	85	99	99	99	99	99	15	1	1	1	1	1
Volyn	97	100	100	100	100	100	3	—	—	—	—	—
Dnipropetrovsk	32	62	79	79	91	92	68	38	21	21	9	8
Donetsk	8	23	34	36	51	58	92	77	66	64	49	42
Zhytomyr	78	92	97	97	96	98	22	8	3	3	4	2
Zakarpattia	100	98	97	95	95	96	—	—	—	—	—	—
Zaporizhzhya	20	70	84	86	92	94	80	30	15	14	8	6
Ivano-Frankivsk	100	100	100	100	100	100	—	—	—	—	—	—
Kyiv	99	99,8	100	100	100	100	0,8	0,2	—	—	—	—
Kirovohrad	85	92	91	91	91	90	15	8	9	9	9	10
Luhansk	8	26	43	54	67	77	92	74	57	46	33	23
Lviv	100	100	100	100	100	100	—	—	—	—	—	—
Mykolayiv	42	91	99,8	99,8	99,8	99,8	58	9	0,2	0,2	0,2	0,2
Odesa	30	66	76	77	83	85	70	34	24	23	17	15
Poltava	68	83	99,1	99,7	100	100	32	17	0,9	0,3	—	—
Rivne	97	100	100	100	100	100	3	—	—	—	—	—
Sumy	41	100	99,8	100	99,8	99,9	59	—	0,2	—	0,2	0,1
Ternopil	100	100	100	99,9	99,9	99,8	—	—	—	—	—	—
Kharkiv	31	66	76	76	86	86	69	34	24	24	14	14
Kherson	40	60	65	70	88	96	60	40	35	30	12	4
Khmelnyskiy	99	99	99,8	99,9	99,9	99,9	1	1	0,2	0,1	0,1	0,1
Cherkasy	84	98	99,6	99,8	99,8	100	16	2	0,4	0,2	0,2	—
Chernivtsi	99,7	99,9	100	100	100	100	0,3	0,1	—	—	—	—
Chernihiv	78	94	96	96	97	97	22	6	4	4	3	3
<b>cities</b>												
Kyiv	67	94	96	96	97	96	33	6	3	4	3	3
Sevastopol	—	—	4	3	11	5	100	100	96	97	89	95

At the beginning of 2009/10, 1554 students in Kyiv city and 79 students in the Ternopil oblast were taught in English, 915 students in the Zakarpattia oblast were taught in Hungarian.

## EDUCATION

### 20.25. Training of postgraduate students

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total institutions offering postgraduate course	291	374	418	434	445	479	490	496	502	507	521	525
Total postgraduate students	13374	17464	23295	24256	25288	27106	28412	29866	31293	32497	33344	34115
Enrolled	4162	6261	7744	8027	8463	9022	9225	9711	10201	10286	10189	10470
full-time	2625	4445	5153	5277	5455	5790	5877	6006	6172	6188	6259	6403
part-time	1537	1816	2591	2750	3008	3232	3348	3705	4029	4098	3930	4067
Graduated	3377	3372	5132	5223	5550	5733	6100	6417	6840	7154	7343	7929
full-time	2055	2339	3715	3725	3890	3970	4156	4279	4527	4726	4768	5067
part-time	1322	1033	1417	1498	1660	1763	1944	2138	2313	2428	2575	2862

### 20.26. Training of doctoral students

	1991	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total institutions offering doctorate training	93	158	209	215	225	235	246	240	241	252	249	256
Total Doctorate students	503	1105	1131	1106	1166	1220	1271	1315	1373	1418	1476	1463
Enrolled	203	436	376	393	428	437	469	461	502	506	531	475
Graduated	123	224	401	371	333	352	366	373	396	414	424	465

## 21. HEALTH AND SOCIAL AID

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

In 2006 (Tables 21.1–21.2) the estimated data on medical institutions and staff employed are given.

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

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

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

**Data on hospital beds** is reported at the end of the year. Statistics show beds equipped

with necessary supplies and available for patient use, regardless of whether the beds are occupied by patients.

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

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

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

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

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

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

unknown, the abandoned by parents, the abandoned in the maternity hospital or other health institution, on the children refused to take home by parents, other relatives and homeless children.

**Adoption** is when an adoptive person

adopts a child into his family as a daughter or a son according to a court's decision.

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

### 21.1. Health care institutions, facilities and personnel<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
2008	222 <sup>2</sup>	465	2,9	437	9
2009	225 <sup>2</sup>	467	2,8	431	9

<sup>1</sup> Data for 1913 cover Ukraine within the frontiers of the former Ukrainian Soviet Republic before September 17, 1939, whereas for 1940–2009 the data cover the current territory of Ukraine

<sup>2</sup> Excluding dental technicians



## HEALTH AND SOCIAL AID

**21.2. Health care indicators**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total medical practitioners (doctors)											
thsd.	227	230	226	224	223	223	224	225	223	222 <sup>1</sup>	225 <sup>1</sup>
per 10 thsd. population	44,0	45,1	46,2	46,9	47,1	47,4	47,9	48,4	48,3	48,3	49,1
Total paramedical staff											
thsd.	607	595	541	526	523	522	496	493	488	465	467
per 10 thsd. population	117,5	116,5	110,3	110,0	110,3	110,9	106,2	106,1	105,5	101,1	102,0
Total hospitals, thsd.	3,9	3,9	3,3	3,1	3,0	2,9	2,9	2,9	2,8	2,9	2,8
In which beds											
thsd.	700	639	466	465	458	451	445	444	440	437	431
per 10 thsd. population	135,5	125,1	95,0	97,3	96,6	95,7	95,2	95,6	95,2	95,1	94,2
Total out-patient medical institutions, thsd.	6,9	7,2	7,4	7,4	7,6	7,7	7,8	7,9	8,0	8,8	8,8
including											
institutions with dental departments <sup>2</sup>	4,8	4,7	4,6	4,6	4,7	4,7	4,6	4,7	4,7	4,7	4,7
independent dental clinics <sup>2</sup>	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Capacity of out-patient facilities											
thsd. visits per shift	895	966	973	980	981	987	990	998	992	987	1000
per 10 thsd. population	173,1	189,0	198,4	205,0	206,8	209,6	211,7	214,8	214,7	214,8	218,3
Total ambulance outlets <sup>2</sup>	970	1064	1039	988	974	975	976	982	987	997	998
Total patients who received out-patient and ambulance services <sup>2</sup>											
mln.	17,8	16,0	14,0	13,9	13,9	13,8	13,8	13,8	13,9	13,6	13,5
per 1000 population	345	313	285	290	291	293	294	297	300	295	295

<sup>1</sup> See the second footnote to Table 21.1<sup>2</sup> Institutions belonging to the Ministry of Health Care of Ukraine

**21.3. Physicians of all specialisations, by region***(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2008 <sup>1</sup>	2009 <sup>1</sup>	1990	1995	2000	2005	2008 <sup>1</sup>	2009 <sup>1</sup>
<b>Ukraine</b>	<b>227,2</b>	<b>230,2</b>	<b>226,3</b>	<b>223,8</b>	<b>222,0</b>	<b>224,9</b>	<b>44,0</b>	<b>45,1</b>	<b>46,2</b>	<b>47,9</b>	<b>48,3</b>	<b>49,1</b>
Autonomous Republic of Crimea	12,9	12,1	11,1	10,7	9,6	9,6	60,8	55,6	53,3	54,4	49,1	49,0
<b>oblasts</b>												
Vinnitsya	7,7	8,3	8,3	8,3	8,1	8,1	40,4	44,3	46,6	48,9	49,0	49,4
Volyn	3,9	4,2	4,2	4,1	3,9	3,9	36,1	39,1	39,6	39,0	37,9	38,1
Dnipropetrovsk	17,1	18,5	17,5	16,6	16,6	16,7	43,9	48,3	47,7	48,3	49,2	49,8
Donetsk	23,7	23,5	22,4	21,6	19,7	19,9	44,5	45,4	46,0	46,9	44,0	44,7
Zhytomyr	5,0	5,1	5,4	5,2	5,0	5,0	32,9	34,8	38,5	39,3	39,0	38,9
Zakarpattia	4,9	5,2	5,2	5,2	5,1	5,1	39,2	40,6	40,6	42,1	41,2	41,3
Zaporizhzhya	9,1	9,2	9,5	8,8	8,6	8,7	43,6	44,2	48,3	47,6	47,1	47,9
Ivano-Frankivsk	6,1	6,4	6,6	6,7	7,8	8,4	42,7	44,1	45,6	48,7	56,6	60,6
Kyiv	6,1	6,2	6,0	5,8	6,8	7,1	31,2	32,6	33,4	32,8	39,2	41,5
Kirovohrad	4,8	4,2	4,0	3,7	3,7	3,6	38,7	34,5	35,3	35,2	36,0	36,1
Luhansk	11,0	11,2	10,7	10,3	10,2	10,2	38,4	40,3	41,2	43,0	43,8	44,1
Lviv	13,5	14,2	13,9	14,5	14,2	14,8	49,0	51,8	51,9	56,6	56,1	58,4
Mykolayiv	4,6	4,9	4,6	4,4	4,4	4,4	34,3	36,6	36,0	35,8	37,1	36,7
Odesa	13,5	12,3	11,9	11,2	11,5	11,7	51,8	47,9	48,0	46,8	48,5	49,0
Poltava	6,8	7,5	7,8	7,3	7,1	7,4	38,5	43,4	46,9	47,4	47,5	49,6
Rivne	3,7	4,2	4,6	4,7	4,8	4,9	31,9	35,2	38,9	40,6	41,4	42,2
Sumy	4,6	4,7	4,8	4,5	4,7	4,6	32,1	33,8	36,7	36,5	39,5	39,4
Ternopil	5,1	5,5	5,4	5,4	5,6	5,6	43,7	47,0	47,0	49,1	51,1	51,8
Kharkiv	15,7	16,0	15,2	15,8	15,6	15,8	49,5	52,1	52,0	56,1	56,3	57,4
Kherson	4,5	4,6	4,2	4,1	3,9	3,9	35,9	36,6	34,9	36,1	35,5	35,5
Khmelnyskiy	4,9	5,4	5,4	5,5	5,6	5,5	32,5	35,8	37,4	40,1	41,5	41,6
Cherkasy	5,6	5,6	5,4	5,1	5,0	5,0	36,9	37,2	37,9	37,8	38,9	38,7
Chernivtsi	4,0	4,3	4,4	4,9	5,6	5,7	42,7	45,6	47,2	54,0	61,8	63,7
Chernihiv	4,5	4,6	4,6	4,3	4,0	4,1	32,2	34,1	36,3	36,9	36,3	37,3
<b>cities</b>												
Kyiv	21,2	20,1	21,3	23,2	22,9	23,1	81,3	77,0	81,5	87,6	84,0	84,3
Sevastopol	2,7	2,2	1,9	1,9	2,0	2,1	67,6	54,1	48,0	49,1	51,9	55,4

<sup>1</sup> See the second footnote to Table 21.1

## HEALTH AND SOCIAL AID

**21.4. Paramedical personnel, by region***(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2008	2009	1990	1995	2000	2005	2008	2009
<b>Ukraine</b>	<b>607,2</b>	<b>595,1</b>	<b>541,0</b>	<b>496,3</b>	<b>464,6</b>	<b>466,9</b>	<b>117,5</b>	<b>116,5</b>	<b>110,3</b>	<b>106,2</b>	<b>101,1</b>	<b>102,0</b>
Autonomous Republic of Crimea	27,4	27,1	23,1	21,9	19,0	18,9	129,7	124,3	111,5	111,1	97,0	96,6
<b>oblasts</b>												
Vinnitsya	23,1	22,6	20,5	18,9	17,5	17,5	121,3	121,2	114,4	111,7	105,8	106,6
Volyn	13,9	13,3	11,8	11,3	11,1	11,2	130,2	123,6	112,5	108,8	107,1	108,5
Dnipropetrovsk	45,3	46,2	39,3	35,3	32,0	32,2	116,3	120,3	107,0	102,4	95,0	95,9
Donetsk	67,4	63,5	55,1	48,4	42,2	42,4	126,5	122,7	113,1	104,9	94,1	95,2
Zhytomyr	16,8	17,4	16,5	15,3	14,4	14,4	112,0	118,3	116,4	114,7	111,3	112,0
Zakarpattia	13,0	13,5	13,1	12,9	11,4	11,4	103,0	105,3	103,1	104,1	92,3	92,1
Zaporizhzhya	23,5	22,9	22,0	19,2	18,1	18,3	112,2	110,8	111,4	103,2	99,3	101,0
Ivano-Frankivsk	16,5	16,1	15,5	14,2	14,7	15,0	115,2	110,5	107,6	102,7	106,7	108,8
Kyiv	19,7	19,7	18,5	16,3	15,7	15,9	101,5	104,3	102,2	92,9	91,2	92,6
Kirovohrad	15,7	13,5	12,9	11,4	10,7	10,6	127,5	111,3	112,7	107,9	104,9	105,1
Luhansk	33,9	31,4	26,6	24,8	22,7	22,8	118,4	112,9	102,1	103,2	97,5	98,8
Lviv	28,8	30,5	30,5	30,1	27,8	28,3	104,8	111,2	113,8	117,6	109,5	111,6
Mykolayiv	13,8	13,8	12,3	11,1	10,2	10,2	102,7	103,0	95,9	90,9	85,5	85,7
Odesa	31,3	27,6	24,9	21,8	22,3	22,4	119,5	107,4	100,5	91,3	93,6	94,0
Poltava	19,2	20,3	19,4	16,8	15,3	15,3	109,8	117,2	116,9	108,3	101,6	102,5
Rivne	13,0	14,3	13,2	13,5	13,4	13,4	110,8	120,2	112,3	116,9	116,4	116,9
Sumy	16,2	15,6	14,5	13,0	12,8	12,8	113,9	112,0	110,5	106,7	108,2	109,3
Ternopil	13,7	13,2	12,5	12,2	12,1	12,1	117,3	113,1	109,0	109,9	110,7	111,7
Kharkiv	35,6	36,3	32,3	28,7	26,6	26,8	112,2	118,4	110,7	102,0	96,0	97,2
Kherson	15,6	14,7	12,2	11,3	10,3	10,4	124,1	116,7	100,8	100,3	94,2	95,4
Khmelnyskiy	16,3	16,6	14,7	13,8	14,0	14,0	107,7	110,2	102,1	100,4	104,8	105,2
Cherkasy	17,2	16,8	16,2	14,6	13,7	13,7	112,5	112,2	113,5	108,9	105,4	105,9
Chernivtsi	9,9	10,2	9,4	9,0	9,2	9,4	105,1	107,8	101,0	99,4	102,1	104,6
Chernihiv	16,0	16,3	15,1	13,3	12,5	12,4	113,8	120,7	119,1	114,6	112,2	112,7
<b>cities</b>												
Kyiv	38,6	36,6	34,6	33,4	31,3	31,4	148,0	140,1	132,8	125,9	115,0	114,4
Sevastopol	5,8	5,1	4,3	3,8	3,6	3,7	142,9	125,8	111,0	100,2	95,3	98,5

## HEALTH AND SOCIAL AID

**21.5. Hospital beds, by region***(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2008	2009	1990	1995	2000	2005	2008	2009
<b>Ukraine</b>	<b>700,3</b>	<b>638,9</b>	<b>466,0</b>	<b>444,9</b>	<b>437,3</b>	<b>431,4</b>	<b>135,5</b>	<b>125,1</b>	<b>95,0</b>	<b>95,2</b>	<b>95,1</b>	<b>94,2</b>
Autonomous Republic of Crimea	26,3	25,0	19,3	17,9	17,6	17,4	124,3	114,7	92,9	90,6	89,6	88,7
<b>oblasts</b>												
Vinnitsya	28,2	25,0	16,1	15,6	14,7	14,4	148,2	134,1	90,2	92,1	89,1	87,6
Volyn	14,7	13,7	8,9	8,6	8,6	8,7	137,5	127,5	84,2	82,5	83,7	83,6
Dnipropetrovsk	54,7	54,1	40,3	37,5	36,3	35,8	140,3	141,0	109,9	109,0	107,8	106,8
Donetsk	74,1	63,6	44,3	41,7	39,4	38,7	139,2	122,9	90,9	90,5	87,8	86,8
Zhytomyr	20,9	15,3	11,4	10,8	10,4	10,3	138,8	104,1	80,9	80,8	80,3	79,9
Zakarpattia	14,8	14,0	10,8	10,2	10,2	10,1	117,6	108,9	84,4	82,0	82,0	81,7
Zaporizhzhya	29,4	28,5	20,8	18,3	17,7	16,8	140,7	137,6	105,2	98,6	97,3	92,9
Ivano-Frankivsk	18,3	16,8	12,8	12,7	12,7	12,6	128,1	115,3	88,6	91,3	91,9	91,3
Kyiv	24,0	21,8	15,5	14,3	15,1	15,1	123,8	115,2	85,6	81,5	87,7	87,9
Kirovohrad	18,1	16,5	11,0	10,3	10,2	9,8	146,6	136,3	96,3	97,2	100,1	97,3
Luhansk	40,8	35,8	25,8	25,7	24,6	24,5	142,5	128,7	99,1	106,7	105,5	106,1
Lviv	34,3	29,5	25,8	24,8	25,1	24,8	124,9	107,7	96,3	97,0	99,1	98,1
Mykolayiv	17,9	17,7	11,1	10,6	10,4	10,2	133,6	131,6	86,7	87,2	86,7	85,7
Odesa	35,0	28,6	22,7	21,8	22,7	22,4	133,7	111,2	91,7	91,1	95,3	94,3
Poltava	24,0	23,7	14,4	13,8	13,7	13,5	137,0	136,8	87,2	89,1	91,2	90,8
Rivne	15,8	15,4	10,3	10,5	10,5	10,5	135,1	129,3	87,7	90,9	91,5	91,4
Sumy	20,0	17,6	11,9	11,4	11,3	11,3	140,4	126,5	90,8	93,2	95,5	96,2
Ternopil	15,5	14,3	10,7	10,1	10,1	9,9	132,5	122,5	93,0	91,4	92,6	90,8
Kharkiv	42,4	41,9	29,0	27,8	26,2	25,2	133,5	136,6	99,4	98,7	94,7	91,6
Kherson	16,5	15,5	11,2	11,8	11,2	11,2	131,0	122,8	92,7	105,0	101,8	102,4
Khmelnyskiy	20,6	19,1	13,2	12,2	12,4	12,3	136,0	127,1	91,6	88,9	92,8	92,7
Cherkasy	20,8	17,9	12,9	12,1	11,7	11,6	136,5	119,0	90,3	90,7	90,1	89,6
Chernivtsi	12,2	10,8	8,2	8,3	8,4	8,4	130,1	114,5	87,6	91,5	93,6	93,0
Chernihiv	20,1	19,0	14,2	13,0	13,1	12,6	143,0	140,7	112,1	112,1	117,7	114,8
<b>cities</b>												
Kyiv	36,6	33,6	30,3	30,1	30,0	29,9	139,9	129,0	116,4	113,6	109,9	109,1
Sevastopol	4,3	4,2	3,1	3,0	3,0	3,4	106,6	102,8	80,8	79,1	79,6	89,3

**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	2008	2009	1990	1995	2000	2005	2008	2009
<b>Ukraine</b>	<b>894,9</b>	<b>965,5</b>	<b>973,0</b>	<b>989,9</b>	<b>987,4</b>	<b>999,6</b>	<b>173,1</b>	<b>189,0</b>	<b>198,4</b>	<b>211,7</b>	<b>214,8</b>	<b>218,3</b>
Autonomous Republic of Crimea	31,9	34,1	35,1	34,9	33,7	34,4	150,7	156,5	169,5	176,6	172,3	176,0
<b>oblasts</b>												
Vinnitsya	24,3	25,7	25,3	25,8	25,6	25,8	127,6	137,7	141,3	152,5	154,8	157,3
Volyn	14,7	16,2	17,9	18,0	18,2	18,2	137,8	151,2	170,0	173,2	175,9	176,1
Dnipropetrovsk	82,4	93,1	93,7	93,2	92,9	92,8	211,5	242,4	255,7	270,6	275,6	276,9
Donetsk	79,7	82,3	86,4	94,0	84,9	85,0	149,6	158,9	177,3	204,0	189,2	190,8
Zhytomyr	28,8	31,1	32,5	32,3	32,4	32,1	191,8	211,5	230,3	242,7	250,3	249,2
Zakarpattia	22,3	24,0	24,2	24,8	26,2	26,7	177,1	187,1	189,9	199,7	211,6	214,8
Zaporizhzhya	31,9	33,2	36,4	37,1	36,8	36,9	152,6	160,3	184,3	199,4	202,1	203,8
Ivano-Frankivsk	18,6	20,3	20,5	20,6	22,9	23,2	130,0	139,2	141,8	149,0	166,3	168,2
Kyiv	31,4	35,4	35,1	34,3	35,8	35,9	161,8	187,5	194,5	195,0	207,9	209,3
Kirovohrad	26,2	27,9	27,2	27,0	28,8	28,9	212,1	230,1	238,3	254,1	282,0	285,9
Luhansk	52,0	52,7	53,9	53,4	51,2	49,0	181,4	189,5	207,0	222,2	219,9	212,5
Lviv	44,1	47,4	47,3	48,0	48,9	49,2	160,7	173,0	176,1	187,6	192,8	194,4
Mykolayiv	20,6	22,3	23,3	22,3	23,2	23,2	153,7	166,2	181,4	183,4	193,9	194,9
Odesa	51,1	51,4	48,3	50,9	48,9	49,6	195,4	200,1	195,1	212,8	205,3	208,2
Poltava	33,2	37,0	37,2	38,1	37,0	38,3	189,6	213,2	224,4	246,5	246,0	256,7
Rivne	20,1	23,3	22,7	23,7	26,9	33,2	171,6	196,2	192,9	204,7	233,6	288,3
Sumy	23,5	27,2	26,9	27,5	27,5	27,5	165,1	195,1	204,7	224,4	232,6	234,9
Ternopil	18,0	19,5	19,8	20,2	21,4	21,6	153,6	166,4	173,0	181,8	196,5	199,3
Kharkiv	56,1	59,0	57,2	60,9	58,1	60,2	176,8	192,2	195,8	216,3	210,2	218,7
Kherson	20,8	20,9	21,0	21,4	21,6	20,8	165,6	165,2	173,2	190,6	197,1	190,6
Khmelnyskiy	22,6	25,2	25,8	25,2	25,4	25,6	149,6	168,0	178,8	184,2	190,0	192,1
Cherkasy	25,1	27,3	27,4	27,6	29,3	29,2	164,2	181,7	191,5	206,2	225,2	226,2
Chernivtsi	15,3	15,2	15,1	15,9	16,9	17,1	162,2	161,2	162,4	175,3	187,1	190,1
Chernihiv	22,2	24,0	24,1	23,8	23,8	24,5	158,2	178,6	190,9	205,6	214,3	222,3
<b>cities</b>												
Kyiv	70,8	82,0	81,1	81,6	81,8	82,7	270,9	314,4	311,2	307,7	300,2	301,4
Sevastopol	7,2	7,8	7,6	7,4	7,3	8,0	177,4	191,6	196,1	195,1	192,0	212,5

**21.7. Morbidity, by disease***(cases of newly registered diseases)*

	Thsd.						Per 100 thsd. population					
	1990	1995	2000	2005	2008	2009	1990	1995	2000	2005	2008	2009
<b>Total diseases</b>	<b>32188</b>	<b>32547</b>	<b>33471</b>	<b>32912</b>	<b>32467</b>	<b>33032</b>	<b>62335</b>	<b>63474</b>	<b>67966</b>	<b>70138</b>	<b>70460</b>	<b>72007</b>
including												
some infectious and parasitic diseases	1333	1504	1436	1337	1279	1225	2582	2934	2915	2850	2777	2670
neoplasm	310	327	382	408	406	407	601	639	776	870	882	888
diseases of blood and hemogenic organs and selected immunity disorders	114	191	246	238	228	223	221	373	499	506	495	486
diseases of endocrine system, nutrition and metabolic disorders <sup>1</sup>	307	272	596	549	530	521	594	531	1210	1170	1150	1135
psychological and behavioural disorders	265	267	243	228	227	203	514	521	494	486	492	444
diseases of the nervous system <sup>2</sup>	2640	3037	748	754	753	754	5112	5923	1519	1607	1635	1643
diseases of eyes and eye adventive organ <sup>2</sup>	...	...	1541	1615	1611	1619	...	...	3129	3441	3497	3530
diseases of ears and mamillary appendix <sup>2</sup>	...	...	1149	1197	1188	1196	...	...	2332	2550	2578	2606
diseases of blood circulation system	1149	1390	2338	2430	2478	2423	2225	2710	4747	5179	5377	5282
diseases of respiratory organs	17021	15705	14639	13894	13671	14528	32962	30628	29727	29609	29669	31671
digestion disorders	1189	1332	1429	1410	1362	1370	2303	2597	2903	3004	2955	2986
diseases of skin and hypodermic cellular tissue	1799	2144	1996	1936	1911	1890	3483	4181	4053	4126	4147	4121
disease of bony and muscle systems and connective tissue	1374	1416	1571	1600	1567	1544	2661	2761	3191	3411	3401	3367
diseases of urogenital system	1224	1544	1939	2185	2136	2140	2370	3012	3937	4655	4635	4665
pregnancy, delivery and postnatal period	414	516	588	661	668	644	3358 <sup>3</sup>	4051 <sup>3</sup>	4621 <sup>3</sup>	5342 <sup>3</sup>	5552 <sup>3</sup>	5417 <sup>3</sup>
congenital anomalies (defects of growth), deformation and chromosome disorders	41	47	62	53	51	52	79	92	125	114	111	114
traumas, poisoning and some other consequences of external affects	2866	2647	2339	2264	2263	2164	5550	5161	4749	4825	4912	4716

<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, from 1999 diseases of eyes and eye adventive organ and diseases of ears and mamillary appendix were eliminated from class of diseases of the nervous system and hearing and classified in separate groups

<sup>3</sup> Per 100 thsd. women of fertility age (15–49)

**21.8. Incidence of selected infections diseases**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total cases</b>											
Acute intestinal diseases, thsd.	107,3	123,3	102,5	75,3	76,3	75,1	83,2	71,0	84,0	79,3	83,0
Typhoid fever and paratyphus A, B and C	172	189	103	31	34	38	90	23	13	8	6
Infections caused by salmonella, thsd.	16,5	15,3	8,0	8,5	8,1	6,8	7,5	7,8	10,1	9,8	9,5
Virus hepatitis including serum, thsd.	147,6	164,6	38,6	45,9	41,0	31,6	26,9	16,7	12,1	8,9	6,3
Flu and acute infections of respiratory organs, mln.	12,5	10,7	9,8	7,9	9,0	8,0	8,5	7,5	8,5	8,1	9,3
Scarlet fever, thsd.	32,2	16,7	16,1	16,6	10,6	9,2	10,3	11,6	15,2	18,3	12,0
Diphtheria	109	5277	365	285	158	123	98	68	81	61	21
Whooping cough, thsd.	4,2	1,2	2,2	0,4	0,8	2,2	1,5	2,5	2,2	1,0	1,4
Tetanus	102	72	36	36	34	20	16	24	28	17	12
Acute poliomyelitis	—	1	6	1	1	3	1	1	—	—	—
Measles, thsd.	6,8	1,9	0,8	7,5	0,4	0,1	2,4	42,7	1,0	0,0	0,0
<b>Per 100 thsd. population, cases</b>											
Acute intestinal diseases	207,8	240,4	208,1	157,0	160,2	159,0	177,3	152,3	181,2	172,1	181,0
Typhoid fever and paratyphus A, B and C	0,3	0,4	0,2	0,1	0,1	0,1	0,2	0,0	0,0	0,0	0,0
Infections caused by salmonella	32,0	29,8	16,2	17,6	16,9	14,4	15,9	16,7	21,7	21,3	20,8
Virus hepatitis including serum	285,8	320,9	78,3	95,6	86,0	66,8	57,3	35,9	26,1	19,4	13,8
Flu and acute infections of respiratory organs	24194	20935	19897	16546	18816	16909	18051	16089	18419	17498	20228
Scarlet fever	62,3	32,6	32,6	34,5	22,3	19,4	21,9	24,9	32,8	39,7	26,2
Diphtheria	0,2	10,3	0,7	0,6	0,3	0,3	0,2	0,1	0,2	0,1	0,0
Whooping cough	8,1	2,3	4,6	0,9	1,6	4,7	3,2	5,3	4,7	2,2	3,0
Tetanus	0,2	0,1	0,1	0,1	0,1	0,0	0,0	0,1	0,1	0,0	0,0
Acute poliomyelitis	—	0,0	0,0	0,0	0,0	0,0	0,0	0,0	—	—	—
Measles	13,2	3,8	1,7	15,6	0,9	0,3	5,1	91,7	2,2	0,1	0,1

**21.9. New HIV infections and number of persons registered as HIV positive<sup>1</sup>**

	HIV infected persons						Of which positive persons					
	1995	2000	2005	2007	2008	2009	1995	2000	2005	2007	2008	2009
Total newly registered HIV infected person												
thsd.	1,5	6,3	13,8	17,7	19,0	19,9	0,04	0,7	4,2	4,6	4,4	4,4
per 100 thsd. population	2,9	12,9	29,4	38,2	41,2	43,3	0,1	1,3	9,0	9,9	9,5	9,7
Total patients registered at medical institutions, end of year												
thsd.	1,5	30,7	62,9	81,8	91,8	101,3	0,1	0,9	5,1	8,9	10,4	11,8
per 100 thsd. population	3,0	63,1	134,6	177,1	199,7	221,2	0,1	1,9	10,9	19,4	22,7	25,9

<sup>1</sup> Including foreign citizens

At the end of 2009, 57% of HIV infected and registered as HIV positive persons were males and 48% were those infected through drug injections.

**21.10. HIV infected and HIV positive, by region<sup>1</sup>***(total newly registered)*

	HIV infected persons					Including HIV infected persons – positive persons				
	2000	2005	2007	2008	2009	2000	2005	2007	2008	2009
<b>Ukraine</b>	<b>6307</b>	<b>13786</b>	<b>17685</b>	<b>18973</b>	<b>19860</b>	<b>653</b>	<b>4220</b>	<b>4575</b>	<b>4386</b>	<b>4446</b>
Autonomous Republic of Crimea	412	896	960	1005	1118	92	235	227	233	180
<b>oblasts</b>										
Vinnitsya	101	248	339	314	323	8	82	114	118	157
Volyn	96	158	210	244	262	3	26	80	77	80
Dnipropetrovsk	920	2045	2670	3085	3626	17	778	715	782	928
Donetsk	1503	2997	3773	3992	4061	73	1343	1209	940	814
Zhytomyr	59	225	266	340	345	7	68	84	106	111
Zakarpattia	17	36	43	42	50	1	9	3	5	5
Zaporizhzhya	144	406	454	527	501	18	102	122	134	144
Ivano-Frankivsk	18	74	97	166	117	4	8	17	29	41
Kyiv	63	333	633	700	730	3	95	217	155	192
Kirovohrad	45	173	269	239	254	1	13	48	59	54
Luhansk	153	525	548	678	610	5	67	156	200	176
Lviv	89	209	255	315	462	5	43	75	114	118
Mykolayiv	453	802	1167	1189	1130	75	288	322	109	75
Odesa	977	1349	1704	1555	1568	275	442	186	179	165
Poltava	121	303	390	378	409	—	80	111	101	136
Rivne	22	82	158	216	240	4	9	32	25	16
Sumy	36	92	179	185	214	3	21	14	52	65
Ternopil	60	65	124	129	105	—	14	46	32	21
Kharkiv	153	401	453	517	557	8	42	73	94	103
Kherson	195	327	550	589	591	18	61	63	79	91
Khmelnyskiy	110	241	238	201	263	1	48	58	69	72
Cherkasy	151	300	376	358	391	3	94	161	177	131
Chernivtsi	25	62	67	90	99	9	23	40	36	10
Chernihiv	84	236	349	439	483	1	27	57	72	99
<b>cities</b>										
Kyiv	217	1023	1184	1258	1096	15	73	266	346	377
Sevastopol	83	178	229	222	255	4	129	79	63	85

<sup>1</sup> See the footnote to Table 21.9



**21.11. Incidence of malignant tumours**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total newly registered											
thsd.	155,4	158,6	156,6	155,3	155,3	155,9	157,5	153,6	154,1	152,9	152,4
per 100 thsd. population	301	309	318	324	326	330	336	330	333	332	332
Total patients registered at medical institutions, end of year											
thsd.	670,5	732,6	768,3	798,8	818,0	839,5	864,3	891,8	913,0	934,1	960,9
per 100 thsd. population	1297	1434	1567	1672	1724	1782	1849	1919	1977	2032	2099

**21.12. Incidence of malignant tumours in 2009, by location**

	Thsd.			Per 100 thsd. population		
	total	including		total	including	
		males	females		males	females
Total newly registered	152,4	73,8	78,6	332,1	348,9	317,8
including malignant tumour						
lips, mouth and throat	5,4	4,4	1,0	11,7	20,8	4,0
oesophagus	1,8	1,5	0,3	3,8	7,1	1,1
stomach	11,0	6,6	4,4	24,0	31,3	17,8
rectum	8,7	4,5	4,2	19,1	21,5	17,0
larynx	2,3	2,2	0,1	5,1	10,6	0,4
trachea, bronchi, lungs	16,6	13,6	3,0	36,2	64,3	12,1
skin	21,0	8,7	12,3	45,8	41,2	49,6
mammary glands	15,4	0,1	15,3	33,5	0,6	61,7
womb	11,3	×	11,3	45,6 <sup>1</sup>	×	45,6
kidney	4,9	2,9	2,0	10,6	13,6	8,1
urine bladder	4,8	3,9	0,9	10,4	18,5	3,6
thyroid gland	2,5	0,4	2,1	5,4	2,1	8,3
lymphatic and hemogenic tissue	7,7	3,9	3,8	16,8	18,7	15,2

<sup>1</sup> Per 100 thsd. females

**21.13. Incidence of mental illness**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total newly registered											
thsd.	128,9	135,6	129,0	120,0	115,8	115,5	113,6	108,0	112,6	115,1	106,8
per 100 thsd. population	250	264	262	250	243	244	242	232	243	250	233
Total registered at medical institutions, end of year											
thsd.	1178	1169	1202	1191	1181	1177	1176	1179	1176	1176	1171
per 100 thsd. population	2280	2288	2452	2492	2490	2500	2516	2537	2545	2559	2558

**21.14. Incidence of active tuberculosis**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total newly registered											
thsd.	16,5	21,5	29,8	36,5	37,0	38,4	39,6	38,9	37,1	35,9	33,4 <sup>1</sup>
per 100 thsd. population	31,9	41,8	60,4	76,0	77,8	81,2	84,4	83,4	80,1	78,0	72,9
including active form of tuberculosis of respiratory organs											
thsd.	14,7	19,9	27,9	34,7	35,3	36,6	37,8	37,1	35,5	34,4	31,8
per 100 thsd. population	28,5	38,9	56,7	72,3	74,0	77,4	80,5	79,7	76,7	74,6	69,3
Total patients registered at medical institutions, end of year											
thsd.	98,3	99,5	122,9	138,6	141,4	106,7 <sup>2</sup>	103,2	99,2	93,2	88,8	84,0
per 100 thsd. population	190,2	194,8	250,6	290,1	298,1	226,6	220,7	213,6	201,8	193,1	183,5

<sup>1</sup> Among the persons newly registered as sick of active form of tuberculosis in 2009 70% were males, and 95% were sick of respiratory tuberculosis

<sup>2</sup> The decrease in the number of the sick is explained by the decision taken by the Ministry of Health Care of Ukraine to revise the category of persons subject to regular medical check-up

## HEALTH AND SOCIAL AID

**21.15. Incidence of active tuberculosis, by region***(total newly registered)*

	Persons						Per 100 thsd. population					
	1990	1995	2000	2005	2008	2009	1990	1995	2000	2005	2008	2009
<b>Ukraine</b>	<b>16465</b>	<b>21459</b>	<b>29753</b>	<b>39608</b>	<b>35925</b>	<b>33424</b>	<b>31,9</b>	<b>41,8</b>	<b>60,4</b>	<b>84,4</b>	<b>78,0</b>	<b>72,9</b>
Autonomous Republic of Crimea	548	747	1190	1743	1706	1673	26,1	34,2	57,2	88,0	87,0	85,5
<b>oblasts</b>												
Vinnitsya	726	668	999	1199	1070	965	38,0	35,7	55,6	70,4	64,5	58,5
Volyn	308	469	611	714	672	652	29,0	43,7	58,0	68,7	65,0	63,1
Dnipropetrovsk	1120	1490	2329	2841	3122	3290	28,8	38,6	63,2	82,1	92,3	97,9
Donetsk	1496	2408	3364	4816	4121	3860	28,1	46,2	68,6	103,9	91,4	86,3
Zhytomyr	622	770	932	1295	1170	1004	41,0	52,1	65,7	96,8	90,0	77,8
Zakarpattia	479	420	616	737	746	748	38,2	32,8	48,3	59,2	60,2	60,3
Zaporizhzhya	670	949	1303	1736	1500	1303	32,1	45,7	65,6	92,9	82,1	71,8
Ivano-Frankivsk	500	591	837	1101	959	941	35,0	40,6	57,9	79,3	69,5	68,3
Kyiv	629	800	989	1244	1227	1068	32,4	42,1	54,5	70,5	71,1	62,1
Kirovohrad	478	447	736	1184	1002	897	38,8	36,7	64,0	110,7	97,6	88,3
Luhansk	899	1282	1997	2784	2383	2117	31,4	45,8	76,2	115,0	101,9	91,4
Lviv	870	1301	1748	2023	1828	1866	31,8	47,4	65,0	78,9	72,0	73,7
Mykolayiv	453	573	941	1365	1226	1167	33,9	42,6	72,9	111,5	102,3	97,9
Odesa	1091	1248	1720	2292	2084	1873	41,7	48,4	69,3	95,6	87,5	78,7
Poltava	495	532	830	879	904	842	28,2	30,5	49,9	56,5	59,9	56,2
Rivne	405	664	776	940	879	800	34,6	55,8	65,7	81,2	76,4	69,6
Sumy	425	585	724	724	657	594	29,8	41,8	54,7	58,7	55,3	50,5
Ternopil	379	516	509	756	656	614	32,4	44,0	44,3	67,9	60,0	56,4
Kharkiv	975	1321	1593	2563	2012	1749	30,7	42,8	54,3	90,8	72,5	63,4
Kherson	543	624	1122	1978	1369	1209	43,4	49,2	92,2	174,9	124,2	110,4
Khmelnyskiy	497	563	786	887	863	793	32,8	37,4	54,3	64,4	64,3	59,4
Cherkasy	490	546	730	931	871	867	32,1	36,2	50,7	69,2	66,7	66,9
Chernivtsi	266	355	428	512	437	446	28,3	37,5	45,8	56,5	48,5	49,5
Chernihiv	509	603	792	901	928	817	36,2	44,5	62,2	77,0	82,9	73,8
<b>cities</b>												
Kyiv	498	852	956	1228	1280	1023	19,1	32,6	36,7	46,5	47,2	37,4
Sevastopol	94	135	195	235	253	246	23,4	33,0	50,1	62,4	67,0	65,0

**21.16. Incidence of illnesses due to drug addiction**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total newly registered with psychological and behavioural disorders due to addiction to											
alcohol (alcoholism and alcohol psychoses)											
thsd.	66,1	63,6	51,8	51,9	52,7	56,2	57,0	53,9	59,0	60,2	48,3
per 100 thsd. population	128	124	105	108	111	119	122	116	127	131	105
narcotics and other psychoactive materials (excluding alcohol)											
drug and toxin addiction											
thsd.	3,4	12,3	11,7	11,2	9,2	7,3	6,9	6,4	5,8	6,0	6,3
per 100 thsd. population	6,6	24,0	23,9	23,3	19,3	15,5	14,7	13,6	12,5	13,0	13,7
Total sick of psychological and behavioural diseases registered at medical institutions											
due to alcohol addiction (alcoholism and alcohol psychoses)											
thsd.	760,4	736,2	687,7	668,9	659,0	656,0	650,2	643,2	636,6	633,5	618,8
per 100 thsd. population	1471	1441	1402	1400	1389	1393	1391	1384	1378	1378	1352
narcotics and other psychoactive materials, excluding alcohol (drug and toxin addiction)											
thsd.	22,5	46,5	76,0	86,6	88,3	88,4	87,9	86,6	85,1	83,1	81,8
per 100 thsd. population	44	91	155	181	186	188	188	186	184	181	179

At the end of 2009, 224,6 thsd. persons were registered as those addicted to alcohol, narcotics or other psychoactive materials, including 116,6 thsd. newly registered.

**21.17. Incidence of venereal disease**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total newly registered											
Syphilis											
thsd.	3,1	61,0	45,2	30,8	26,2	23,1	19,8	16,1	13,9	11,6	9,2
per 100 thsd. population	6,0	119,0	91,9	64,1	54,9	48,9	42,2	34,5	30,0	25,1	20,1
Gonorrhoea											
thsd.	37,8	45,9	26,1	22,5	20,5	19,4	18,2	15,4	13,8	12,5	11,0
per 100 thsd. population	73,2	89,4	52,9	46,8	42,9	41,0	38,7	33,1	29,9	27,2	24,0
Total sick of syphilis registered at medical institutions, end of year											
thsd.	15,8	114,9	168,1	135,7	121,2	108,7	96,2	86,4	78,2	70,7	61,9
per 100 thsd. population	30,5	225,0	342,8	284,1	255,5	230,9	205,7	185,9	169,3	153,8	135,2

## HEALTH AND SOCIAL AID

**21.18. Abortions**

	1990	1995	2000	2002	2003	2004	2005	2006 <sup>1</sup>	2007	2008	2009
Total abortions <sup>2</sup> , thsd.	1019	740	434	346	316	289	264	230	225	217	195
per 1000 women aged 15–49	82,6	58,2	34,1	27,6	25,3	23,2	21,3	18,7	18,5	18,1	16,4
per 100 deliveries (including still-born)	155	150	113	89	77	68	62	51	48	43	38

<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	2002	2003	2004	2005	2006	2007	2008	2009
--	------	------	------	------	------	------	------	------	------	------	------

**Thsd.**

Total injured with one or more days of disability and fatal accidents	139,6	80,5	34,3	27,8	25,7	23,3	21,2	19,7	18,8	16,5	12,8 <sup>1</sup>
including fatal accidents	2,6	2,1	1,2	1,2	1,1	1,1	1,0	1,0	1,1	0,9	0,6
Total person-days of disability	3182	2122	...	893	860	839	769	746	706	653	505

**Per 1000 employees**

Total injured with one or more days of disability and fatal accidents	6,2	4,5	2,6	2,3	2,1	1,9	1,8	1,7	1,6	1,4	1,2
including fatal accidents	0,117	0,116	0,095	0,100	0,094	0,089	0,084	0,083	0,093	0,080	0,055
Total person-days of disability	140,7	118,2	...	72,7	71,9	70,2	65,7	63,6	61,6	56,7	46,8

**Per 1 injured**

Total person-days of disability	22,8	26,4	...	32,1	33,5	36,1	36,3	37,8	37,6	39,6	39,6
---------------------------------	------	------	-----	------	------	------	------	------	------	------	------

<sup>1</sup> Therefore, 0,5 thsd. of the injured partially lost their ability to work and were transferred from their main job to another job for one working day and more

In 2009, traumas unrelated to production caused injuries of 2,3 thsd. persons; death of 0,8 thsd. persons, loss of 42 thsd. person-days of work, 18,5 person-days per injured person.

## HEALTH AND SOCIAL AID

**21.20. Industrial injuries, by region**

	Thsd.						Per 1000 employees					
	1990	1995	2000	2005	2008	2009	1990	1995	2000	2005	2008	2009
<b>Ukraine</b>	<b>139,6</b>	<b>80,5</b>	<b>34,3</b>	<b>21,2</b>	<b>16,5</b>	<b>12,8</b>	<b>6,2</b>	<b>4,5</b>	<b>2,6</b>	<b>1,8</b>	<b>1,4</b>	<b>1,2</b>
Autonomous Republic of Crimea	3,0	1,0	0,5	0,4	0,4	0,3	2,9	1,4	1,1	1,0	0,9	0,7
<b>oblasts</b>												
Vinnitsya	3,5	1,6	0,5	0,5	0,4	0,3	4,2	2,3	1,0	1,2	1,1	0,9
Volyn	2,0	1,2	0,6	0,5	0,4	0,3	4,4	3,4	2,1	2,1	1,7	1,4
Dnipropetrovsk	8,3	5,9	2,5	1,9	1,3	1,0	5,0	3,9	2,3	1,7	1,3	1,0
Donetsk	40,1	31,5	12,9	6,4	5,3	4,5	17,3	16,7	9,3	5,0	4,2	3,9
Zhytomyr	2,7	1,4	0,4	0,4	0,3	0,2	4,1	2,6	0,9	1,3	1,1	0,8
Zakarpattya	1,0	0,2	0,2	0,1	0,1	0,1	2,0	0,6	0,7	0,5	0,3	0,3
Zaporizhzhya	5,4	2,4	1,0	0,8	0,7	0,4	5,6	2,9	1,6	1,5	1,3	0,8
Ivano-Frankivsk	1,2	0,4	0,2	0,3	0,2	0,1	2,1	0,9	0,6	1,0	0,8	0,4
Kyiv	4,0	1,5	0,4	0,4	0,3	0,2	5,3	2,7	1,0	1,1	0,8	0,6
Kirovohrad	3,2	1,4	0,6	0,4	0,2	0,2	5,8	3,1	1,9	1,5	1,0	1,0
Luhansk	20,7	12,7	6,3	3,0	2,3	1,8	16,1	12,6	9,1	4,8	3,9	3,2
Lviv	2,7	1,6	1,8	0,8	0,5	0,4	2,2	1,6	2,5	1,3	0,9	0,7
Mykolayiv	2,7	1,4	0,5	0,3	0,2	0,1	4,4	2,7	1,4	1,1	0,7	0,6
Odesa	5,0	1,5	0,5	0,5	0,3	0,3	4,4	1,8	1,0	0,8	0,5	0,5
Poltava	4,0	1,9	0,7	0,5	0,4	0,3	4,9	3,0	1,4	1,2	1,0	0,7
Rivne	2,3	1,0	0,2	0,2	0,2	0,2	4,7	2,3	0,8	0,9	0,7	0,7
Sumy	4,3	2,0	0,7	0,6	0,5	0,3	6,5	3,7	1,8	2,0	1,9	1,2
Ternopil	1,8	0,7	0,2	0,2	0,1	0,1	3,6	1,8	0,6	0,7	0,6	0,5
Kharkiv	7,1	2,5	0,9	0,8	0,6	0,4	5,3	2,3	1,1	1,1	0,8	0,6
Kherson	3,0	1,3	0,4	0,3	0,2	0,1	5,3	3,0	1,5	1,2	0,9	0,7
Khmelnyskiy	2,4	1,2	0,5	0,3	0,3	0,2	3,4	2,1	1,2	1,0	1,0	0,9
Cherkasy	2,2	1,0	0,4	0,3	0,2	0,2	3,2	1,7	0,9	0,9	0,8	0,6
Chernivtsi	0,9	0,3	0,1	0,1	0,1	0,1	2,4	1,0	0,4	0,6	0,7	0,5
Chernihiv	3,1	1,6	0,5	0,3	0,2	0,1	5,2	3,2	1,3	1,1	0,7	0,6
<b>cities</b>												
Kyiv	3,0	1,1	0,7	0,8	0,7	0,5	2,3	1,4	1,1	0,8	0,7	0,5
Sevastopol	...	0,2	0,1	0,1	0,1	0,1	...	1,5	1,3	1,8	0,9	0,7

**21.21. Industrial deaths, by region**

	Persons						Per 1000 employees					
	1990	1995	2000	2005	2008	2009	1990	1995	2000	2005	2008	2009
<b>Ukraine</b>	<b>2640</b>	<b>2083</b>	<b>1239</b>	<b>989</b>	<b>927</b>	<b>595</b>	<b>0,117</b>	<b>0,116</b>	<b>0,095</b>	<b>0,084</b>	<b>0,080</b>	<b>0,055</b>
Autonomous Republic of Crimea	104	57	44	30	60	21	0,102	0,084	0,089	0,068	0,136	0,049
<b>oblasts</b>												
Vinnitsya	133	85	37	22	18	10	0,159	0,124	0,074	0,059	0,051	0,030
Volyn	45	41	22	13	20	13	0,099	0,114	0,083	0,057	0,089	0,063
Dnipropetrovsk	188	169	75	92	87	44	0,112	0,112	0,070	0,085	0,081	0,044
Donetsk	386	356	216	177	182	135	0,166	0,189	0,156	0,137	0,145	0,115
Zhytomyr	67	46	29	21	24	17	0,104	0,087	0,075	0,067	0,084	0,062
Zakarpattia	41	25	13	13	6	7	0,087	0,069	0,051	0,063	0,028	0,035
Zaporizhzhya	101	74	52	49	21	18	0,104	0,091	0,083	0,089	0,040	0,036
Ivano-Frankivsk	50	39	14	14	18	15	0,084	0,093	0,045	0,057	0,070	0,063
Kyiv	89	64	32	41	36	20	0,116	0,111	0,075	0,104	0,089	0,056
Kirovohrad	58	46	31	23	20	20	0,104	0,101	0,102	0,085	0,084	0,087
Luhansk	212	195	202	84	85	52	0,165	0,192	0,290	0,138	0,145	0,094
Lviv	121	69	36	47	39	15	0,100	0,071	0,049	0,084	0,065	0,027
Mykolayiv	67	57	23	19	16	4	0,108	0,112	0,064	0,065	0,060	0,015
Odesa	140	115	64	48	30	24	0,123	0,137	0,118	0,083	0,050	0,044
Poltava	95	77	31	27	35	14	0,117	0,122	0,064	0,061	0,085	0,037
Rivne	58	31	20	12	13	16	0,119	0,073	0,073	0,048	0,057	0,073
Sumy	83	50	37	24	19	16	0,127	0,094	0,094	0,081	0,072	0,064
Ternopil	56	46	21	18	14	7	0,114	0,112	0,073	0,091	0,073	0,040
Kharkiv	139	111	54	48	30	28	0,104	0,103	0,067	0,066	0,042	0,043
Kherson	72	61	34	15	22	9	0,125	0,137	0,115	0,068	0,103	0,045
Khmelnyskiy	84	59	35	28	23	21	0,118	0,105	0,079	0,087	0,079	0,084
Cherkasy	88	54	19	14	22	12	0,130	0,096	0,047	0,047	0,076	0,044
Chernivtsi	37	19	10	4	7	7	0,098	0,066	0,050	0,024	0,044	0,046
Chernihiv	56	52	36	23	18	4	0,093	0,102	0,101	0,081	0,067	0,016
<b>cities</b>												
Kyiv	70	73	46	76	62	46	0,053	0,093	0,069	0,077	0,056	0,041
Sevastopol	...	12	6	7	—	—	...	0,109	0,072	0,097	—	—

## HEALTH AND SOCIAL AID

**21.22. Disabled persons, by region***(beginning of 2010)*

	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>2631111</b>	<b>311747</b>	<b>1070820</b>	<b>1091070</b>	<b>157474</b>	<b>58</b>
Autonomous Republic of Crimea	122294	14153	59804	42999	5338	63
<b>oblasts</b>						
Vinnitsya	109199	15161	37859	49517	6662	66
Volyn	74047	9512	30091	29496	4948	72
Dnipropetrovsk	162912	17717	59503	75361	10331	49
Donetsk	258293	28421	90168	126946	12758	58
Zhytomyr	90744	14686	37386	33459	5213	71
Zakarpattia	63078	6114	24581	27093	5290	51
Zaporizhzhya	92864	10703	37441	38942	5778	51
Ivano-Frankivsk	87984	8666	35302	37834	6182	64
Kyiv	101598	11817	50506	32565	6710	59
Kirovohrad	54144	5471	21843	23235	3595	54
Luhansk	111082	11841	46011	46596	6634	48
Lviv	169933	17550	56323	85524	10536	67
Mykolayiv	61920	6728	22411	28424	4357	52
Odesa	138449	17273	70958	43366	6852	58
Poltava	82611	10147	33926	33454	5084	55
Rivne	66278	6447	23632	30174	6025	58
Sumy	59759	8295	24134	23769	3561	51
Ternopil	57516	7271	21304	24344	4597	53
Kharkiv	144054	13793	66047	56686	7528	52
Kherson	49937	6061	18000	22690	3186	46
Khmelnyskiy	106749	13808	39994	47140	5807	80
Cherkasy	86246	11442	33200	37038	4566	67
Chernivtsi	45491	4651	18173	18984	3683	50
Chernihiv	78792	14290	31973	29128	3401	72
<b>cities</b>						
Kyiv	138398	17854	71869	40754	7921	50
Sevastopol	16739	1875	8381	5552	931	44

<sup>1</sup> Disabled children younger than 18 entitled to social pensions



**21.23. Persons declared disabled for the first time in 2009, by disease**

	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>175,4</b>	<b>143,2</b>	<b>100,0</b>	<b>100,0</b>	<b>47</b>	<b>54</b>
due to the following diseases						
infectious and parasitic diseases	9,5	9,3	5,4	6,5	3	3
neoplasm	33,5	24,9	19,1	17,4	9	9
endocrine system, nutrition and metabolic disorders	7,5	5,9	4,3	4,1	2	2
blood and hemogenic organs and selected disorders involving the immunity	0,4	0,4	0,2	0,3	0	0
psychological and behavioural disorders	10,3	9,9	5,8	6,9	3	4
nervous system	9,4	8,7	5,4	6,0	2	3
eyes and eye adventive organ	6,4	4,9	3,7	3,4	2	2
ears and mamillary appendix	1,3	1,2	0,7	0,8	0	0
blood circulation	41,5	28,7	23,7	20,1	11	11
respiratory organs	5,2	4,4	2,9	3,1	1	2
digestion organs	5,0	4,7	2,8	3,3	1	2
urogenital system	2,2	2,0	1,3	1,4	1	1
bony and muscle systems and connective tissue	18,5	15,6	10,6	10,9	5	6
traumas, poisoning and consequences of other external reasons, other reasons	24,7	22,6	14,1	15,8	7	9

<sup>1</sup> Population aged 18 and older<sup>2</sup> All population of working age

Of total number of the injured, 6,3 thsd. persons were recognised disabled due to a work related injury or an occupational disease, of whom 5,5 thsd. (88,6%) were of working age.

## HEALTH 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	2009	1995	2000	2005	2009	1995	2000	2005	2009
<b>Ukraine</b>	<b>261,2</b>	<b>215,2</b>	<b>212,2</b>	<b>175,4</b>	<b>71,4</b>	<b>62,6</b>	<b>64,9</b>	<b>53,9</b>	<b>65</b>	<b>54</b>	<b>56</b>	<b>47</b>
Autonomous Republic of Crimea	14,8	13,1	11,3	7,4	4,2	4,0	4,0	2,4	87	77	70	45
<b>oblasts</b>												
Vinnitsya	8,1	7,6	7,8	7,1	4,0	3,5	3,6	3,3	55	53	58	53
Volyn	6,0	4,7	4,0	3,8	2,5	1,9	1,8	1,7	74	58	50	48
Dnipropetrovsk	19,7	15,7	15,5	12,3	2,5	2,0	2,0	1,8	64	52	55	44
Donetsk	32,7	21,5	24,4	18,2	3,6	2,8	2,7	1,6	78	53	63	48
Zhytomyr	7,6	7,4	6,3	5,5	3,2	3,0	2,5	2,3	65	65	59	53
Zakarpattia	3,5	3,4	5,3	4,2	2,1	2,1	3,7	2,9	37	35	57	43
Zaporizhzhya	11,1	8,1	7,9	6,8	1,9	1,6	1,5	1,3	68	50	52	45
Ivano-Frankivsk	4,7	5,7	5,5	4,6	2,3	2,8	3,1	2,5	43	51	51	42
Kyiv	10,8	7,4	7,1	6,5	4,2	2,8	2,8	2,5	72	50	50	46
Kirovohrad	6,3	4,7	4,6	3,9	2,4	1,7	1,6	1,7	66	51	54	47
Luhansk	11,5	9,8	10,6	8,7	2,3	2,0	2,6	1,3	51	45	53	44
Lviv	15,6	13,1	11,3	10,8	4,2	4,6	4,3	4,3	74	61	56	53
Mykolayiv	5,0	5,3	6,2	5,2	1,4	1,6	2,0	1,7	48	52	63	53
Odesa	12,6	11,8	12,9	9,5	3,7	4,3	4,7	3,7	62	59	67	49
Poltava	8,9	7,7	6,6	6,0	3,5	3,1	2,6	2,4	64	57	52	48
Rivne	6,3	5,5	5,0	4,4	3,3	2,7	2,5	2,3	71	61	57	50
Sumy	7,8	5,6	3,9	3,8	2,6	1,6	1,1	1,0	70	52	39	38
Ternopil	4,0	3,5	4,9	3,9	2,0	1,7	2,8	2,3	44	38	56	45
Kharkiv	14,5	12,0	9,9	8,7	2,9	2,2	1,7	1,5	58	49	42	37
Kherson	6,0	4,6	5,0	3,7	1,8	1,5	1,9	1,3	62	48	55	41
Khmelnyskiy	6,3	6,0	5,7	5,4	2,5	2,5	2,4	2,4	53	51	52	50
Cherkasy	7,7	7,0	6,2	4,9	3,0	2,5	2,4	1,9	64	60	57	46
Chernivtsi	3,0	3,3	4,0	3,2	1,5	1,6	2,3	1,9	42	45	57	45
Chernihiv	8,9	6,4	5,7	5,0	3,7	2,4	2,2	1,8	81	61	59	54
<b>cities</b>												
Kyiv	16,1	12,5	12,5	10,3	—	—	—	—	78	58	56	45
Sevastopol	1,7	1,8	2,1	1,6	0,05	0,1	0,1	0,1	53	57	68	51

**21.25. Care homes for the aged and disabled (adults and children)***(Ministry of Labour and Social Policy of Ukraine system; end of year)*

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total care homes	274	280	275	314	314	316	319	320	321	322	325
in which beds, thsd.	61,9	58,1	53,0	55,1	55,8	56,5	57,1	57,9	58,1	58,8	58,6
for aged and disabled adults	50,6	47,9	43,8	46,1	46,8	47,6	48,3	49,1	49,5	50,5	50,4
for disabled children	11,3	10,2	9,2	9,0	9,0	8,9	8,8	8,8	8,6	8,3	8,2

In 2009, 925 departments for social assistance serviced 518,3 thsd. persons, and 743 territory centres rendered consumer and medical services and provided social assistance to disabled persons using resident and temporary facilities and at their homes.

**21.26. Care homes for the aged and disabled (adults and children), by region**

	Total care homes					In which beds				
	1990	1995	2000	2005	2009	1990	1995	2000	2005	2009
<b>Ukraine</b>	<b>274</b>	<b>280</b>	<b>275</b>	<b>319</b>	<b>325</b>	<b>61883</b>	<b>58068</b>	<b>52997</b>	<b>57124</b>	<b>58612</b>
Autonomous Republic of Crimea	6	7	10	10	12	1490	1704	1802	1932	1983
<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	6204
Zhytomyr	13	12	12	15	15	2680	2425	2249	2644	2640
Zakarpattia	9	9	7	7	7	1721	1721	1396	1422	1353
Zaporizhzhya	12	12	11	11	11	2725	2570	2240	2390	2590
Ivano-Frankivsk	8	8	8	8	9	1610	1360	1325	1325	1440
Kyiv	7	9	9	12	12	1445	1592	1699	1982	2026
Kirovohrad	12	12	12	12	12	2341	2065	1590	1885	1900
Luhansk	14	14	14	19	20	3475	3138	2616	3268	3536
Lviv	15	13	13	13	13	2985	1966	1650	1748	1810
Mykolayiv	10	10	10	10	10	1805	1481	1417	1542	1582
Odesa	10	10	10	10	10	2301	2277	2149	2140	2173
Poltava	13	14	14	14	14	2865	2965	2600	2675	2555
Rivne	6	6	7	7	7	1370	1275	1165	1151	1213
Sumy	14	13	13	13	13	2604	2087	1957	2011	2001
Ternopil	7	7	7	7	7	1376	1276	1276	1276	1276
Kharkiv	16	16	16	18	18	3675	3675	3675	3660	3338
Kherson	6	6	6	11	11	1755	1651	1443	1650	1713
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	1110
Chernihiv	10	9	9	9	9	2316	2085	1975	2028	2114
<b>cities</b>										
Kyiv	6	7	7	7	8	2255	2507	2507	2507	2647
Sevastopol	1	1	1	1	1	170	170	170	179	179

## HEALTH AND SOCIAL AID

**21.27. Cash benefits to low-income persons incapable of working in 2009***(by Pension Fund)*

	Number of beneficiaries, thsd.		Average benefit per person, UAH
	total	including in rural areas	
<b>Total</b>	<b>557,2</b>	<b>242,7</b>	<b>43,70</b>
of which pensioners			
retired due to disability	50,4	26,0	55,84
survivors who lost their benefactor	0,8	0,3	37,92
entitled to social benefits	86,9	42,2	37,42
Of the total, single pensioners	33,1	13,1	57,17

**21.28. Cash and in-kind assistance to low-income persons incapable of working in 2009***(provided by social protection agencies, charity organisations and other establishments)*

	Persons in need for assistance, thsd.		Of which		Average benefit per person, UAH
	total	of which in rural areas	single, incapable of working and disabled persons	of which in rural areas	
<b>Total</b>	<b>1583,5</b>	<b>794,2</b>	<b>958,2</b>	<b>469,3</b>	<b>×</b>
Received assistance					
cash	302,9	133,2	151,2	71,8	227,7
in-kind	1007,9	483,8	728,7	358,7	127,5

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 AND SOCIAL AID

**21.29. Selected boarding schools and institutions for social protection of children***(end of year)*

	2000	2002	2003	2004	2005	2006	2007	2008	2009
Boarding schools for orphans and children deprived of parents' guardianship									
institutions	44	52	53	54	54	55	53	51	78 <sup>1</sup>
enrollment <sup>2</sup>	12254	13173	13110	12593	11954	10553	9145	7926	10697
Children's homes under the Ministry of Education and Science									
institutions	83	96	101	106	109	114	115	115	114
enrollment <sup>2</sup>	5552	6116	6417	6690	6434	6119	5918	5486	5154
Children homes under the Ministry of Health Care									
institutions	47	50	50	50	50	50	50	49	48
enrollment <sup>2</sup>	4992	5177	5261	5387	5267	5011	4454	3951	3704
Children homes under the Ministry of Labour and Social Policy									
institutions	58	56	56	56	56	56	56	55	55
enrollment <sup>2</sup>	7977	7781	7856	7716	7475	7304	7158	7125	6937
Shelters for minors									
institutions	86	91	94	93	96	95	95	94	90
children <sup>3</sup>	27773	30007	28432	26194	23674	21221	20593	17780	14242

<sup>1</sup> From 2009 to the number of boarding schools for orphans and children deprived of parents' guardianship was included the number of special boarding schools

<sup>2</sup> The total number of children who are in boarding institutions, excluding orphans, include children that have parents

<sup>3</sup> Were during the reporting year

At the end of 2009, 3185 children resided at 484 family type children's homes, 4934 in 2931 foster homes and 3585 in 30 centres of social and psychological rehabilitation.

**21.30. Adopted orphans and children deprived of parents' guardianship***(persons)*

	2000	2002	2003	2004	2005	2006	2007	2008	2009
Quantity of adopted children during the year	7692	6925	6345	5596	5241	4318	5229	5261	5274
Ukrainian citizens, total	5492	4584	4103	3515	3085	3184	3528	3644	3823
from orphans and children deprived of parental guardianship	2043	1760	1635	1492	1419	1477	1784	2066	2374
from children living with one of the parents and adopted either by step-father or step-mother	3449	2824	2468	2023	1666	1707	1744	1578	1449
Adopted by foreigners, total	2200	2341	2242	2081	2156	1134	1701	1617	1451
from orphans and children deprived of parental guardianship	2200	2341	2187	2058	2110	1092	1670	1587	1428
from children living with one of the parents and adopted either by step-father or step-mother	...	...	55	23	46	42	31	30	23
Orphans and children deprived of parental guardianship by the end of year, total	...	...	96112	97590	97829	102912	102924	103542	100787

**21.31. Children who were in centres of social and psychological rehabilitation  
and shelter-care facilities for children<sup>1</sup>**

	Children who were in centres of social and psychological rehabilitation			Children who were in shelter-care facilities		
	2006	2008	2009	2006	2008	2009
<b>Total</b>	<b>15109</b>	<b>3930</b>	<b>3585</b>	<b>21221</b>	<b>17780</b>	<b>14242</b>
town-dwellers	12534	2017	2304	12588	9948	7964
rural dwellers	2575	1913	1281	8633	7832	6278
boys	10217	2084	1996	13429	10788	8333
girls	4892	1846	1589	7792	6992	5909
Have complete family	8682	1470	851	5083	4373	3555
Have incomplete family	5689	1105	1743	11142	10309	8942
Children from families where parents evade their responsibilities	438	557	508	×	×	×
Orphans and children deprived of parents guardianship						
those at boarding schools, family houses, vocational training schools	116	963	527	4200	2471	1155
those sent to centres to settle their affairs	134	284	368	×	×	×
those who live in family-type children's homes	×	×	×	36	17	46
those who live in tutors' family or with curators	460	108	96	760	610	544
Those in centres or shelter-care facilities due to <sup>2</sup>						
difficult life circumstances	14465	3086	2835	×	×	×
absence of family environment	331	549	337	×	×	×
transition from shelter-care facilities for children	257	287	395	×	×	×
cruel behaviour	56	8	18	×	×	×
vagrancy, without care, mendicancy	×	×	×	11735	9820	×
conflicts with counterparts, adults at educational institutions	×	×	×	1768	1317	×
physical abuse	×	×	×	195	153	108
mental violence	×	×	×	44	35	28
sexual violence	×	×	×	24	7	×
child's individual application	13388	2469	2215	1809	1404	1412
withdrawal from family	×	×	×	5018	4638	6475
find on to street	×	×	×	510	383	318
violation of the rights to housing and property	×	×	×	104	19	×
involvement into the worst labour (porno-sex business, exploitation, etc.)	×	×	×	14	4	7
leaving family without permission	×	×	×	×	×	4471
leaving boarding school without permission	×	×	×	×	×	878
transferring from other shelters	×	×	×	×	×	339
delivering from accepting and distribution center	×	×	×	×	×	96
delivering from health care institution	×	×	×	×	×	220
returning from prison	×	×	×	×	×	33
economic violence	×	×	×	×	×	148
Got into shelter-care facilities several times	×	×	×	2118	1650	901

<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 centre or shelter-care facility has been recorded the relevant number of times

**21.32. Subsidies to the population in 2009, 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>1249,3</b>	<b>143443,8</b>	<b>256,0</b>	<b>89249,9</b>
Autonomous Republic of Crimea	19,0	1102,9	8,6	2722,7
<b>oblasts</b>				
Vinnitsya	46,1	3649,7	42,8	16888,7
Volyn	21,7	2522,4	3,4	856,4
Dnipropetrovsk	79,8	10465,2	4,0	1305,8
Donetsk	200,3	27572,1	10,1	3120,0
Zhytomyr	37,9	2590,6	18,5	5658,1
Zakarpattia	21,1	2306,0	7,1	1921,4
Zaporizhzhya	39,9	3771,1	6,4	2038,3
Ivano-Frankivsk	27,3	6037,5	4,4	1349,0
Kyiv	46,9	5953,7	7,6	2664,0
Kirovohrad	40,7	3358,7	18,7	8381,1
Luhansk	74,9	9430,9	4,7	1779,1
Lviv	48,3	7933,2	2,9	789,2
Mykolayiv	14,9	978,7	6,8	2149,4
Odesa	23,7	1629,3	12,5	3576,3
Poltava	45,3	5715,8	3,5	1434,4
Rivne	21,6	3498,5	3,5	885,6
Sumy	72,7	6819,1	14,3	4547,5
Ternopil	24,8	2647,8	5,4	1590,2
Kharkiv	129,5	16845,3	10,1	4310,0
Kherson	23,0	1753,3	9,7	3815,2
Khmelnyskiy	38,7	3866,9	14,5	5029,1
Cherkasy	55,3	5245,2	20,4	7666,7
Chernivtsi	12,6	860,1	7,7	2516,5
Chernihiv	45,6	3892,8	8,2	2209,0
<b>cities</b>				
Kyiv	35,9	2871,3	0,0	7,2
Sevastopol	1,8	125,7	0,2	39,0

## 22. CULTURE, LEISURE, SPORT AND TOURISM

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

**Cultural institutions** comprise theatres, philharmonic societies, television and radio broadcasting companies, cinemas, publishing houses, museums, libraries, club institutions, circuses, parks for recreation and leisure, extracurricular institutions of aesthetic education for children and youths.

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

**Exhibition centers** are institutions whose main activity is to organise exhibitions, and provide services related to the design and conduct of exhibitions (fairs). Exhibition centers should employ qualified staff and have relevant material and technical base (special exhibition areas and equipment). They can lease these areas and equipment for exhibitions and fairs to be held.

**Organisers of exhibitions** are enterprises that according to their statute are engaged in the design of exhibitions on the budget, commercial or mixed basis.

**Exhibitions** are activities associated with demonstration of products and services to be promoted on the domestic and international market with the purpose of studying the situation on the market.

**Fairs** are activities directly connected with trade (retail or wholesale) that are carried out in a specific place at the fixed dates.

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

necessary supplies for the month of their maximum use.

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

**Health care institutions for children** are set up for the purpose of entitling each child to enjoy rest and health improving facilities. Most popular are health institutions 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 institutions that may be operational in summer: sanatorium-like institutions, suburban rest facilities, leisure and labour centers, those for senior pupils and students, etc.

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

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

**Excursion participants** are persons who take organised tours in Ukraine. The duration of tours should not exceed 24 hours. An excursion trip ought to be conducted by a guide who shows people the specially tailored way to particular places and explains their points of interest in order to get them acquainted with historical, cultural, natural monuments, museums, significant sites, etc.



CULTURE, LEISURE, SPORT AND TOURISM

**22.1. Basic institutions of culture and art in 1913–2009**

	Theatres	Museums	Libraries	Cinemas	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
2008	138	478	20628	2417	18790
2009	136	499	20057	2153	18718

<sup>1</sup> At the end of 1914

CULTURE, LEISURE, SPORT AND TOURISM

**22.2. Theatres, concert organisations and museums**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Total professional theatres (including drama schools), end of year	125	136	131	131	135	133	135	137	138	138	136
opera and ballet	7	7	6	7	7	7	7	7	7	7	7
drama and musical comedy	82	89	87	86	89	85	88	89	90	90	89
children's	36	40	38	38	39	41	40	41	41	41	40
Attendance of theatres per year, mln.	17,6	8,3	5,7	6,2	6,1	6,0	6,2	6,3	6,6	7,0	6,2
Total concert organisations	44	53	61	67	71	77	78	81	79	77	77
Attendance of concert organisations per year, mln.	15,0	7,3	3,8	6,6	4,0	4,9	4,4	4,1	4,2	4,0	3,8
Total museums (including their branches), end of year	214	314	378	376	394	422	437	445	458	478	499 <sup>1</sup>
Attendance of museums per year, mln.	31,8	17,4	16,0	17,5	17,6	18,5	18,9	20,2	21,1	21,9	20,8

<sup>1</sup> In 2009, of the total number of museums 170 were museums of folk lore, 150 history and archaeological, 74 museums of fine arts and 50 literary museums

At the end of 2009, according to the state register there were 143,4 thsd. immovable historical and cultural monuments, of which 69,9 thsd. monuments of archeology, 53,5 thsd. monuments of history, 2,9 thsd. monuments of monumental art, 16,9 thsd. monuments of urban construction and architecture, 272 of garden art, 4 of landscape and 11 of science and technics.

**22.3. Libraries, cinemas and cultural institutions**

	Total						Including in rural areas					
	1990	1995	2000	2005	2008	2009	1990	1995	2000	2005	2008	2009
Total general and universal libraries, thsd.	25,6	23,8	20,7	19,8	20,6	20,1	18,7	18,0	15,7	15,1	15,1	15,2
Library stocks, mln. copies	419	370	343	330	352	338	188	168	151	146	142	144
Cinemas, thsd.	27,2	16,1	6,9	3,3	2,4	2,2	22,2	13,6	5,9	2,5	1,8	1,6
Cinema attendance per year, mln.	552	36	6	10	10	11	200	15	2	1	1	0,5
Club-houses, thsd.	25,1	23,0	20,4	19,1	18,8	18,7	21,0	19,8	17,7	16,8	16,6	16,5
total seats, mln.	6,5	5,9	5,4	5,0	4,8	4,8	4,8	4,6	4,3	4,0	3,9	3,9

**22.4. Cultural and arts institutions in 2009, by region**

	Theatres	Museums	Libraries		Cinemas <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>136</b>	<b>499</b>	<b>20057</b>	<b>15233</b>	<b>2153</b>	<b>1571</b>	<b>18718</b>	<b>16529</b>
Autonomous Republic of Crimea	6	25	797	523	95	35	646	515
<b>oblasts</b>								
Vinnitsya	2	26	1023	858	315	279	1160	1048
Volyn	2	10	609	489	13	3	671	624
Dnipropetrovsk	13	8	835	471	18	—	623	520
Donetsk	5	24	1022	370	33	—	672	410
Zhytomyr	2	7	942	806	6	—	1093	1012
Zakarpattia	4	14	505	429	36	24	474	437
Zaporizhzhya	5	22	591	388	58	40	471	395
Ivano-Frankivsk	4	18	769	645	285	256	721	660
Kyiv	1	24	907	773	45	20	844	777
Kirovohrad	2	30	602	474	44	28	601	530
Luhansk	5	17	762	372	14	1	566	385
Lviv	11	22	1364	1147	88	67	1405	1272
Mykolayiv	3	3	523	405	26	7	541	487
Odesa	7	13	906	810	24	11	742	686
Poltava	2	30	827	707	46	22	868	801
Rivne	2	11	605	500	33	20	681	637
Sumy	2	13	600	473	12	2	627	560
Ternopil	2	21	915	808	65	52	922	869
Kharkiv	7	32	868	638	124	102	712	620
Kherson	2	7	1018	665	68	20	455	401
Khmelnyskiy	3	18	955	829	248	224	1187	1102
Cherkasy	2	27	750	660	139	109	745	691
Chernivtsi	3	4	407	348	139	121	393	355
Chernihiv	4	30	750	631	143	121	784	718
<b>cities</b>								
Kyiv	31	39	142	—	23	—	81	—
Sevastopol	4	4	63	14	13	7	33	17

<sup>1</sup> In 2009, based on data from the Ministry of Culture and Tourism of Ukraine, of the total number of cinemas actually were functional: 412 in urban areas and 466 in rural areas

CULTURE, LEISURE, SPORT AND TOURISM

**22.5. Availability of cultural institutions, by region**

(per 100 population)

	Library stocks, items				Seats in cinemas				Seats in club-houses			
	1990	1995	2000	2009	1990	1995	2000	2009	1990	1995	2000	2009
<b>Ukraine</b>	<b>806</b>	<b>715</b>	<b>693</b>	<b>736</b>	<b>11</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>10</b>
Autonomous Republic of Crimea	725	654	658	644	14	5	1	1	13	9	10	10
<b>oblasts</b>												
Vinnitsya	1107	1082	1057	1046	16	10	11	7	22	21	21	21
Volyn	897	795	718	686	14	10	2	1	19	16	14	14
Dnipropetrovsk	657	582	557	692	7	2	1	0,2	8	7	6	5
Donetsk	587	543	533	632	7	3	1	0,3	6	6	5	5
Zhytomyr	945	864	841	818	14	11	4	0,2	21	20	19	19
Zakarpattia	781	678	591	520	9	6	5	1	13	11	10	8
Zaporizhzhya	666	583	551	571	12	7	2	0,4	11	9	9	8
Ivano-Frankivsk	830	687	667	640	10	7	7	4	13	12	12	12
Kyiv	760	690	654	618	11	7	4	1	13	13	12	12
Kirovohrad	987	890	860	851	16	12	2	1	19	18	18	18
Luhansk	580	521	481	607	8	4	0,4	0,2	7	7	6	6
Lviv	789	598	548	763	9	6	2	0,4	11	10	10	10
Mykolayiv	882	836	801	755	13	3	2	1	15	13	13	13
Odesa	975	838	842	884	9	7	6	0,3	10	11	10	8
Poltava	922	840	821	804	16	13	8	1	17	17	17	15
Rivne	956	806	769	1002	12	7	4	0,5	15	14	13	12
Sumy	931	829	785	741	14	7	3	0,3	17	16	16	14
Ternopil	1030	778	744	754	14	13	4	1	20	19	18	18
Kharkiv	903	757	822	746	7	5	1	2	9	8	7	7
Kherson	728	652	644	1556	15	10	8	1	15	14	12	11
Khmelnyskiy	1073	1047	1024	862	16	13	6	5	24	23	23	23
Cherkasy	1012	903	952	868	17	13	11	3	19	18	18	18
Chernivtsi	912	786	734	673	11	9	8	4	14	12	12	11
Chernihiv	935	914	922	951	15	13	9	4	18	18	17	18
<b>cities</b>												
Kyiv	566	497	418	391	2	1	1	0,4	2	1	0,4	1
Sevastopol	...	...	609	582	...	...	2	1	...	...	3	3

CULTURE, LEISURE, SPORT AND TOURISM

**22.6. Attendance at cultural and arts institutions, by region**

(per 100 population)

	Museums				Theatres				Concert organisations				Cinema performances			
	1990	1995	2000	2009	1990	1995	2000	2009	1990	1995	2000	2009	1990	1995	2000	2009
<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>13</b>	<b>29</b>	<b>14</b>	<b>8</b>	<b>8</b>	<b>1064</b>	<b>69</b>	<b>12</b>	<b>23</b>
Autonomous Republic of Crimea	308	89	90	133	33	21	14	22	69	22	16	16	1537	40	13	25
<b>oblasts</b>																
Vinnitsya	31	19	31	38	20	9	8	9	21	8	7	5	1083	83	15	23
Volyn	21	15	8	12	28	19	13	11	33	17	9	9	1088	65	4	3
Dnipropetrovsk	29	22	21	22	34	16	9	13	16	6	1	2	989	26	2	18
Donetsk	16	15	15	20	17	10	9	11	16	28	18	19	835	157	6	10
Zhytomyr	15	9	7	14	25	19	8	8	19	11	3	7	1148	128	14	14
Zakarpattia	28	14	13	25	37	24	16	13	12	10	7	11	1054	38	5	5
Zaporizhzhya	25	28	23	33	25	11	5	7	33	19	10	3	1155	33	9	11
Ivano-Frankivsk	44	14	22	31	17	7	9	11	22	6	1	2	1023	46	4	10
Kyiv	28	20	14	24	7	2	0,3	3	59	3	5	1	842	54	11	26
Kirovohrad	9	9	9	23	28	18	10	10	22	14	11	12	1263	75	11	13
Luhansk	33	25	19	24	20	7	7	9	31	10	3	3	850	35	3	12
Lviv	81	41	39	58	72	22	13	17	16	6	5	12	1011	48	6	3
Mykolayiv	26	24	24	27	39	30	20	18	22	9	4	4	1060	29	9	23
Odesa	78	44	31	37	52	29	18	21	26	6	6	9	1054	70	25	2
Poltava	61	47	43	49	21	8	5	6	23	2	7	4	1235	118	15	8
Rivne	33	21	11	21	34	11	8	9	31	6	4	4	1259	65	7	10
Sumy	16	9	7	17	26	8	14	9	18	7	1	5	1174	65	12	12
Ternopil	47	36	36	39	21	11	7	8	26	5	1	3	1168	90	16	5
Kharkiv	21	11	17	37	27	13	11	13	21	12	3	3	776	55	18	50
Kherson	21	22	24	13	25	20	14	12	37	97	4	3	1452	50	20	11
Khmelnyskiy	27	10	14	32	21	15	7	10	11	13	2	10	1124	70	20	30
Cherkasy	46	50	47	59	23	14	8	7	19	7	5	12	1352	56	15	26
Chernivtsi	18	28	29	27	31	16	5	8	48	16	11	11	1097	133	34	35
Chernihiv	46	64	39	86	30	16	11	14	23	11	2	13	1072	112	12	8
<b>cities</b>																
Kyiv	308	139	132	154	126	40	36	40	80	18	29	14	1082	29	21	128
Sevastopol	...	...	163	260	...	...	29	30	...	...	4	8	...	97	67	25

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	2008/ 09	2009/ 10	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2008/ 09	2009/ 10
Children's music schools	1204	1201	1036	966	908	905	295,2	285,9	194,1	185,4	181,1	185,5
Special secondary music schools	4	5	4	4	5	6	1,8	2,0	1,7	1,7	2,1	2,2
Children's arts schools	110	244	307	370	418	422	32,2	74,8	77,6	101,7	115,5	122,2
Children's painting schools	126	138	130	124	123	124	20,0	22,4	18,5	20,1	22,4	23,5
Secondary painting schools	2	1	1	2	3	2	0,7	0,6	0,5	0,6	0,8	0,4
Children's choreographic schools	5	10	9	12	10	10	1,6	2,0	1,9	2,3	2,4	2,2
Children's choral singing schools	1	6	6	6	9	9	0,1	1,1	0,9	0,9	1,5	1,4
Evening schools total music education	87	3	2	2	2	2	14,0	0,9	0,5	0,7	0,7	0,6

## 22.8. Publication of books, magazines and newspapers

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Books</b>											
Total books (published items)	7046	6109	7749	12444	13805	14790	15720	15867	17987	24040	22491
Number of copies, mln.	170	68	44	48	39	53	54	54	56	58	49
of which in Ukrainian	95	32	29	30	24	36	33	30	29	33	28
<b>Magazines</b>											
Total magazines and other periodicals	185	604	1245	1923	2246	2385	2182	2301	2420	2422	2515
Annual circulation, mln. copies	166	24	52	84	130	124	132	138	237	270	256
of which in Ukrainian	150	17	12	26	24	35	25	24	29	37	30
<b>Newspapers</b>											
Total newspapers	1787	1877	2667	3045	2891	3014	2974	2918	2885	2647	2499
One-off circulation, mln. copies	25	21	48	87	75	88	80	90	61	59	55
of which in Ukrainian	17	10	13	32	23	29	25	31	22	19	19
Annual circulation, mln. copies	4652	1630	3459	4860	4347	4508	4960	4235	3665	3966	3445

## 22.9. Exhibition activity

	2005	2006	2007	2008	2009
Activities carried out	1094	1107	1088	1174	1076
including					
exhibitions	572	566	593	653	512
fairs	522	541	495	521	564
Total built-up area of fairs, thsd.sq.m	1231	1540	1476	1836	1267
Total display area of exhibition centers, thsd.sq.m	203	210	169	192	196
Participants in exhibition actions	66376	74082	74937	82453	68745
of which foreigners	3571	3862	4684	4940	3168
Visitors of exhibition actions, thsd.	9834	11891	11006	13309	10629

**22.10. Local television and radio programmes of state broadcasting companies in 2009,  
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>490,53</b>	<b>94,75</b>	<b>4,10</b>	<b>386,54</b>	<b>95,82</b>	<b>0,32</b>
Autonomous Republic of Crimea	14,40	59,7	34,1	3,70	78,4	5,4
<b>oblasts</b>						
Vinnitsya	18,00	100,0	—	14,32	100,0	—
Volyn	14,40	100,0	—	15,69	100,0	—
Dnipropetrovsk	16,27	100,0	—	15,33	100,0	—
Donetsk	8,40	100,0	—	16,85	100,0	—
Zhytomyr	16,84	100,0	—	15,69	99,6	—
Zakarpattia	14,40	92,4	—	16,30	93,9	—
Zaporizhzhya	14,40	100,0	—	15,73	100,0	—
Ivano-Frankivsk	—	—	—	1,60	100,0	—
Kyiv	23,23	100,0	—	18,54	100,0	—
Kirovohrad	21,00	100,0	—	1,85	100,0	—
Luhansk	14,95	100,0	—	16,50	100,0	—
Lviv	9,60	89,6	10,4	2,07	100,0	—
Mykolayiv	14,40	100,0	—	15,66	100,0	—
Odesa	14,40	69,5	13,9	4,16	100,0	—
Poltava	14,40	95,1	4,9	16,73	100,0	—
Rivne	14,40	100,0	—	12,06	100,0	—
Sumy	14,40	100,0	—	15,85	100,0	—
Ternopil	14,00	100,0	—	5,65	100,0	—
Kharkiv	12,30	100,0	—	9,70	100,0	—
Kherson	14,40	99,3	0,7	15,62	100,0	—
Khmelnyskiy	12,40	96,8	3,2	15,68	100,0	—
Cherkasy	14,40	96,5	3,5	9,57	100,0	—
Chernivtsi	14,40	95,1	—	15,45	97,4	—
Chernihiv	26,79	100,0	—	1,89	100,0	—
<b>cities</b>						
Kyiv (National TV and Radio Company) <sup>2</sup>	111,95	97,5	2,2	92,39	86,2	—
Sevastopol	12,00	30,8	66,7	1,96	46,0	52,6

<sup>1</sup> Excluding city (rayon) broadcasting<sup>2</sup> Including broadcasting for other regions

In addition to 60,3 hours of intrastate broadcasting the National TV and Radio Company during 31,8 hours a day produced programmes for foreign countries mainly in Ukrainian (60%). 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>	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>	2007/ 08 <sup>2</sup>	2008/ 09 <sup>2</sup>
<b>Total</b>	<b>3841</b>	<b>3417</b>	<b>3327</b>	<b>3260</b>	<b>3268</b>	<b>3245</b>	<b>3164</b>	<b>3110</b>	<b>3073</b>	<b>3041</b>
Sanatoria	473	489	480	469	472	465	468	471	465	460
including children's sanatoria	194	199	185	180	177	173	171	171	171	171
Rest homes providing medical treatment	32	62	69	67	59	59	52	52	53	53
Dispensaries	556	517	377	325	311	291	277	269	262	252
Rest homes and guest houses	332	294	266	292	302	321	301	302	302	296
Recreation centers and other rest facilities	2213	1862	2037	2042	2068	2052	2012	1969	1950	1940
Institutions for 1–2 day stay	235	193	98	65	56	57	54	47	41	40
<b>Beds<sup>3</sup>, thsd.</b>	<b>646</b>	<b>562</b>	<b>502</b>	<b>489</b>	<b>481</b>	<b>482</b>	<b>482</b>	<b>466</b>	<b>462</b>	<b>453</b>
Sanatoria	149	145	136	132	133	131	136	131	129	127
including children's sanatoria	39	37	35	37	36	34	34	33	32	33
Rest homes providing medical treatment	6	14	15	16	14	14	12	12	13	14
Dispensaries	55	43	31	27	25	23	23	21	21	21
Rest homes and guest houses	115	83	63	62	62	65	63	64	64	62
Recreation centers and other rest facilities	302	263	247	247	242	244	243	234	232	226
Institutions for 1–2 day stay	19	14	10	5	5	5	5	4	3	3
<b>Persons who improved their health<sup>4</sup>, thsd.</b>	<b>6394</b>	<b>3515</b>	<b>2870</b>	<b>3148</b>	<b>3176</b>	<b>3267</b>	<b>3278</b>	<b>3486</b>	<b>3592</b>	<b>3122</b>
Sanatoria	1616	1223	1105	1264	1316	1299	1321	1419	1527	1330
including children's sanatoria	206	236	221	262	272	274	276	274	284	247
Rest homes providing medical treatment	89	102	114	129	119	129	117	131	144	119
Dispensaries	821	511	274	276	241	244	236	236	232	211
Rest homes and guest houses	1324	431	276	360	380	385	368	410	382	318
Recreation centers and other rest facilities	2305	1175	1063	1101	1104	1186	1211	1273	1287	1130
Institutions for 1–2 day stay	239	73	38	18	16	24	25	17	20	14

<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 October 1, 2001 up to September 30, 2002), etc.

<sup>2</sup> The total includes institutions which did not function for various reasons and beds registered there

<sup>3</sup> Maximum use is one 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 and leisure facilities, by region<sup>1</sup>**

	Sanatoria and rest institutions providing medical treatment						Rest homes and guest houses					
	total (2008/ 09)	total beds					total (2008/ 09)	total beds				
		1990	1995	2000	2005/06	2008/09		1990	1995	2000	2005/06	2008/09
<b>Ukraine</b>	<b>513</b>	<b>154484</b>	<b>158507</b>	<b>150554</b>	<b>148229</b>	<b>141216</b>	<b>296</b>	<b>114980</b>	<b>83282</b>	<b>62923</b>	<b>63372</b>	<b>61590</b>
Autonomous Republic of Crimea	142	56330	60220	56981	53844	55549	131	43028	37339	27590	28938	28041
<b>oblasts</b>												
Vinnitsya	21	5391	5993	5246	5171	5164	—	1459	570	—	200	—
Volyn	6	1271	1331	1482	2029	1477	1	39	39	39	44	510
Dnipro-petrovsk	20	3365	2742	2742	2509	2548	4	3285	2000	1140	1150	650
Donetsk	18	6972	6197	4200	4239	4084	50	17226	14824	9475	11535	11002
Zhytomyr	6	1010	1820	2750	1620	1425	—	818	—	—	—	—
Zakarpattia	21	4509	4307	3564	3763	4045	1	424	170	200	—	60
Zaporizhzhya	17	6424	5725	5169	4864	4577	8	2622	2236	1812	1322	928
Ivano-Frankivsk	15	2260	2134	2743	2279	2292	3	517	451	145	220	174
Kyiv	13	3806	3302	3004	2851	2282	2	1464	540	748	188	168
Kirovohrad	3	785	680	630	310	360	—	350	70	450	450	—
Luhansk	12	1552	2157	1207	1613	1028	—	3312	527	60	—	—
Lviv	57	20149	20437	19807	21157	16437	7	307	24	340	392	320
Mykolayiv	10	1190	1930	2374	3958	4336	16	10862	4492	6791	4471	3950
Odesa	37	16230	17233	15053	14545	13383	10	7236	2646	2023	2074	2009
Poltava	13	4670	4941	4462	3920	3713	2	251	177	177	385	350
Rivne	9	655	859	1324	1378	1284	—	—	37	—	—	—
Sumy	3	712	580	535	460	460	—	1059	660	—	—	—
Ternopil	10	1250	1300	1729	1796	1590	—	212	—	—	—	—
Kharkiv	15	4901	4082	3714	3282	3065	2	3360	1253	1705	1406	606
Kherson	12	1381	1197	2119	2763	2780	50	12440	12289	8482	9423	11408
Khmelnyskiy	13	1629	1557	1610	1673	1741	—	265	100	—	—	—
Cherkasy	9	2420	2325	2300	2604	1841	—	537	198	—	—	—
Chernivtsi	6	910	785	897	897	897	—	260	220	—	—	—
Chernihiv	7	895	1426	1759	1325	1325	2	1022	585	336	100	261
<b>cities</b>												
Kyiv	16	2867	2897	2598	3135	3363	2	1070	910	650	450	450
Sevastopol	2	950	350	555	244	170	5	1555	925	760	624	703

<sup>1</sup> See the first footnote to Table 22.11

**22.13. Health camps for children in 2009, 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>17379</b>	<b>647</b>	<b>197,9</b>	<b>166,8</b>	<b>1719,2</b>	<b>397,7</b>	<b>38</b>
Autonomous Republic of Crimea	570	80	30,7	25,7	115,3	61,7	28
<b>oblasts</b>							
Vinnitsya	769	19	5,7	5,1	82,2	12,1	45
Volyn	567	13	3,5	2,0	47,4	6,2	38
Dnipropetrovsk	939	22	7,6	6,5	101,3	14,5	44
Donetsk	979	72	25,7	22,4	113,4	56,1	32
Zhytomyr	490	11	2,4	2,3	30,1	5,1	22
Zakarpattia	553	18	5,8	2,4	78,4	6,2	48
Zaporizhzhya	356	53	16,5	16,0	60,1	39,3	26
Ivano-Frankivsk	764	4	3,8	0,9	70,3	3,0	42
Kyiv	472	12	4,2	2,8	39,1	8,3	26
Kirovohrad	541	6	2,1	1,4	38,9	4,2	39
Luhansk	913	37	11,2	10,9	68,2	19,8	37
Lviv	526	18	3,6	2,4	50,3	6,2	20
Mykolayiv	553	21	6,1	5,4	39,1	7,0	31
Odesa	1121	43	11,4	10,4	125,1	27,7	49
Poltava	1037	28	6,1	5,6	58,4	15,0	43
Rivne	585	1	1,7	0,3	67,0	0,7	45
Sumy	776	24	5,4	5,1	55,1	11,2	51
Ternopil	402	12	2,2	2,2	26,7	5,1	21
Kharkiv	863	34	7,7	6,9	107,0	14,5	52
Kherson	491	49	16,5	16,5	72,2	42,9	32
Khmelnyskiy	865	11	2,6	1,5	87,8	4,1	63
Cherkasy	1006	14	4,3	2,5	62,0	5,3	50
Chernivtsi	402	12	3,7	3,0	55,9	6,8	53
Chernihiv	569	19	3,4	3,1	36,4	5,1	38
<b>cities</b>							
Kyiv	177	4	1,3	0,8	15,3	2,0	19
Sevastopol	93	10	2,7	2,7	16,2	7,6	46

Additionally, in health and resort institutions of Ukraine, particularly in all-year children's health camps in 2009, 720,5 thsd. children improved their health, of which in summer – 480,2 thsd.

**22.14. Sports school for children, by region***(end of 2009)*

	Sports schools for children and youths		Olympic reserve specialized sports schools for children and youths		Highest sport skills schools	
	total	persons	total	persons	total	persons
<b>Ukraine</b>	<b>1449</b>	<b>561316</b>	<b>241</b>	<b>64385</b>	<b>34</b>	<b>3828</b>
Autonomous Republic of Crimea	47	19157	8	1444	1	110
<b>oblasts</b>						
Vinnitsya	58	19842	5	1484	1	89
Volyn	40	13517	3	472	1	83
Dnipropetrovsk	99	43333	19	7168	1	306
Donetsk	109	47606	21	8156	1	395
Zhytomyr	51	14157	2	845	1	82
Zakarpattia	30	17027	3	1048	1	127
Zaporizhzhya	51	17007	15	3991	1	115
Ivano-Frankivsk	43	19829	8	1623	1	62
Kyiv	66	26589	4	628	2	190
Kirovohrad	38	14078	2	571	1	51
Luhansk	58	21700	17	4356	1	170
Lviv	80	26993	19	3466	1	199
Mykolayiv	45	15035	17	3365	1	104
Odesa	63	27426	11	2579	1	93
Poltava	52	15520	5	1185	1	104
Rivne	53	21250	2	500	1	112
Sumy	49	15030	5	877	1	82
Ternopil	35	11253	4	995	1	76
Kharkiv	91	49449	12	2940	2	389
Kherson	46	14752	5	1176	1	91
Khmelnyskiy	56	20380	2	703	1	99
Cherkasy	47	13132	1	451	1	80
Chernivtsi	36	14714	1	129	1	82
Chernihiv	47	14692	7	1782	2	196
<b>cities</b>						
Kyiv	48	23402	40	11385	5	292
Sevastopol	11	4446	3	1066	1	49

**22.15. Activity of physical training and sports institutions<sup>1</sup>***(end of year)*

	2000	2003	2004	2005	2006	2008	2009
Persons that go in for sport	1014911	1196882	1243973	1265956	1300647	1317750	1186727
including							
sports school for children and the youth, Olympic reserve specialised schools for children and the youth and the highest sport skills schools	633980	699690	729627	723727	726435	727604	629529
disabled	7169	12871	15722	17342	16154	21561	19734
females	247222	312554	345453	322902	345226	308520	285129
Persons that engaged in all types of physical training and health improving activity	4105054	4643804	4878838	5030943	5080287	5223118	4920428 <sup>2</sup>
including							
secondary educational institutions <sup>3</sup>	1914177	1977234	2034553	2037429	2006644	1719508	1533656
professional training institutions <sup>3</sup>	129489	158813	164586	167580	164262	141626	133860
institutions of higher education <sup>3</sup>							
1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation	156214	173890	196574	210021	207620	215577	204494
3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation	174581	233403	266077	299993	313985	426556	407987
enterprises, establishments, organisations at working and free time	1390181	1623251	1695569	1760229	1809439	1620243	1461799
by place of residence	233551	340967	371610	390547	409007	677682	797450
Of total number of persons engaged in all types of physical training and health improving activities							
females	1250958	1466399	1548029	1598754	1485156	1850078	1759793
disabled involved in rehabilitation and health improving activity	22069	28361	33765	33464	36677	39586	37972
Physical training and sports clubs for children and teenagers, by place of residence	1251	1497	1544	1585	1652	1109	1028
Persons attending physical and sports clubs for children and teenagers, by place of residence	143306	161605	175315	185971	195407	115076	118646
Pupils and students included into special medical group due to health status	454863	408567	403087	377924	364451	402293	439876 <sup>4</sup>
including							
secondary educational institutions	310347	261935	256548	227849	211899	196918	238449
professional training institutions	30810	25620	25186	25884	25061	25581	23866
institutions of higher education							
1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation	48615	46127	46299	44430	44168	40058	39705
3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation	65091	74885	75054	79761	83323	112689	109734

<sup>1</sup> Here and elsewhere (Tables 22.16, 22.17) based on data from the Ministry of Ukraine for Family, Youth and Sport<sup>2</sup> Including 381182 children in pre-school educational institutions, excluding physical training and health improving activity within the framework of training<sup>3</sup> Excluding physical training and health improving activity within the framework of training<sup>4</sup> Including 28122 children in pre-school educational institutions

## CULTURE, LEISURE, SPORT AND TOURISM

**22.16. Sports facilities***(end of year)*

	2000	2002	2003	2004	2005	2006	2007	2008	2009
Stadiums with stands for 1500 seats	1128	1152	1151	1155	1147	1131	1118	1104	1101
Sports grounds	35674	37078	39466	40021	39977	40232	40303	39371	40037
including tennis-courts	845	1085	1137	1180	1205	1227	1245	1271	1319
Football grounds	9910	10706	10722	10996	11248	11331	11433	11805	11797
Ski lodges per 100 pair of skis and more	122	124	115	111	103	105	99	81	71
Shooting range, covered and semi-covered, at least 25 m long	7598	7197	6783	6653	6538	6376	5917	5651	5487
Swimming pools	509	508	504	506	510	510	512	553	545
of which									
50 m long	50	49	47	46	44	46	...	52	50
covered	419	431	428	430	436	436	...	481	472
including 50 m long	26	24	24	24	24	26	...	29	26
Gymnasiums with 162 sq.m space	17032	17127	17067	17136	17189	17240	17215	17210	17216
Track-and-field lanes in covered premises	114	122	115	126	131	130	...	...	...
of which 200 m long, oval track	36	38	41	43	41	40	...	...	...
Track-and-field shots that are not a part of stadiums	183	195	215	211	231	236	...	247	248
Grounds (gymnastics) equipped with simulators	11300	11330	11145	11242	11286	11642	11761	11576	11650
Premises for physical training and health improving sessions	13139	14323	14730	14910	15180	15494	15572	15978	16182
of which equipped with simulators	4315	4998	5173	5349	5494	5657	...	5698	5807
Jump skis	19	20	21	22	22	20	20	26	25
of which for freestyle	3	3	3	5	5	5	...	6	6
Horse riding sports centers	29	29	32	32	33	37	47	53	55
Cycle tracks	4	4	4	4	4	4	4	4	4
Facilities with manufactured ice	10	12	11	11	13	24	42	51	59
of which with field area of 30×61 m	8	8	8	8	10	14	...	23	28

**22.17. Physical training and health improving activity***(end of 2009)*

	Persons involved in all types of physical training and health improving activity		Persons aged 6–18	
	total	in rural areas	total	in rural areas
<b>Total</b>	<b>4920428</b>	<b>1189362</b>	<b>2299754</b>	<b>630093</b>
including				
pre-school educational institutions	381182	63921	19914	2204
secondary educational institutions	1533656	527156	1533656	527156
professional training institutions	133860	13093	106682	10495
institutions of higher education	612481	8232	220456	5311
enterprises, establishment, organisations at working and free time	1461799	365622	139203	50668
by place of residence	797450	211338	279843	34259
disabled involved into rehabilitation and health improvement activity	37972	4293	—	—

In 2009, 1028 physical training and sports clubs for children and teenagers operated in the country by place of residence. They were attended by 118,6 thsd. persons including 29 and 2,1 thsd. in rural area accordingly.

**22.18. Tourist flows***(thsd.)*

	2000	2002	2003	2004	2005	2006	2007	2008	2009
Ukraine's citizens who traveled abroad <sup>1</sup>	13422	14729	14795	15488	16454	16875	17335	15499	15334
Foreign citizens who visited Ukraine <sup>1</sup>	6431	10517	12514	15629	17631	18936	23122	25449	20798
Tourists attended by Ukraine's tourism entities <sup>2</sup>	2014	2265	2857	1890	1826	2206	2864	3042	2290
including									
foreign tourists	378	418	591	436	327	299	373	373	282
tourists (Ukraine's citizens) who traveled abroad	285	302	344	442	567	868	336	1282	914
domestic tourists	1351	1545	1922	1012	932	1039	2155	1387	1094
The number of sightseers <sup>2</sup>	1644	1992	2691	1502	1705	1769	2393	2406	1909

<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 2009, the most popular destinations for Ukraine's citizens were Russian Federation, Poland, Moldova, Republic of, Hungary, Belarus, Romania, Turkey, Slovakia, Egypt, Germany and Czech Republic.

Among foreigners who visited our country are Russian, Moldavian, Belarusian, Polish, Romanian, Hungarian, Slovak, German, American and Uzbek citizens outnumbered those from other countries.

CULTURE, LEISURE, SPORT AND TOURISM

**22.19. Hotels and other institutions for short-term stay, by region**

(end of year)

	Institutions, total				In which rooms				Total accommodation space, thsd.sq.m			
	2000	2005	2008 <sup>1</sup>	2009 <sup>1</sup>	2000	2005	2008	2009	2000	2005	2008	2009
<b>Ukraine</b>	<b>1308</b>	<b>1232</b>	<b>1595</b>	<b>1684</b>	<b>51012</b>	<b>51686</b>	<b>71580</b>	<b>76019</b>	<b>949,1</b>	<b>1072,4</b>	<b>1508,4</b>	<b>1624,6</b>
Autonomous Republic of Crimea	89	78	93	96	5570	5982	7188	7384	99,0	115,6	146,9	152,9
<b>oblasts</b>												
Vinnitsya	32	25	23	22	1166	784	778	755	22,3	15,9	15,4	15,8
Volyn	32	26	30	30	1137	996	1122	1139	20,9	18,2	20,1	20,2
Dnipropetrovsk	84	106	103	103	2941	4323	4239	4489	57,9	98,6	93,0	101,0
Donetsk	73	69	75	79	3240	3154	3371	3274	57,0	67,5	71,9	75,7
Zhytomyr	37	31	44	45	1155	950	1588	1546	23,3	22,5	36,6	36,7
Zakarpattia	39	38	61	69	1395	1462	2523	2621	23,4	27,8	61,8	63,3
Zaporizhzhya	59	40	31	30	1823	1520	1488	1611	28,9	24,3	28,4	32,0
Ivano-Frankivsk	34	33	35	37	1188	1142	1395	1560	19,9	20,7	34,8	38,7
Kyiv	46	39	37	47	1369	1331	1302	1743	22,1	21,0	23,4	35,1
Kirovohrad	21	17	17	16	520	578	619	631	10,1	8,2	9,5	11,1
Luhansk	43	56	101	94	1851	1866	2476	2333	30,4	38,1	50,6	48,7
Lviv	55	100	148	155	2526	3927	4931	5116	40,9	77,1	98,4	109,4
Mykolayiv	44	30	95	121	1143	702	5015	6641	20,8	14,8	89,4	116,3
Odesa	96	79	81	80	3674	3262	3952	3817	75,7	75,3	89,1	84,6
Poltava	65	45	48	46	1647	1234	1349	1419	27,4	23,4	27,2	25,5
Rivne	23	22	22	23	1018	1200	1114	1165	15,9	22,4	23,5	24,2
Sumy	46	44	29	36	898	842	853	1071	18,3	17,9	20,7	25,1
Ternopil	27	29	40	39	1187	1094	1336	1118	27,3	28,0	35,1	31,7
Kharkiv	76	51	50	51	2328	1905	1816	1790	49,1	44,0	41,7	40,7
Kherson	47	34	120	131	1247	995	7628	8327	24,8	21,9	140,4	154,7
Khmelnyskiy	30	22	29	29	763	728	974	957	15,0	12,6	18,8	18,6
Cherkasy	36	36	55	59	1215	1092	1644	1855	21,1	20,9	33,9	40,6
Chernivtsi	18	12	27	28	943	785	1391	1453	13,8	11,6	30,1	30,5
Chernihiv	52	51	65	64	822	927	1434	1470	13,3	16,0	29,4	30,7
<b>cities</b>												
Kyiv	95	109	125	141	7637	8246	9415	10064	157,3	192,5	225,9	246,4
Sevastopol	9	10	11	13	609	659	639	670	13,2	15,6	12,4	14,4

<sup>1</sup> Including other institutions for short-term stay that are available seasonally

**22.20. Service facilities in hotels and other places for short-term stay, by region***(end of year)*

	Parking lots			Restaurants, cafes, bars, etc.			Saunas (steam rooms, swimming pools), laundries			Trade outlets (shops, kiosks, etc.)		
	2000	2008	2009	2000	2008	2009	2000	2008	2009	2000	2008	2009
<b>Ukraine</b>	<b>251</b>	<b>387</b>	<b>415</b>	<b>515</b>	<b>827</b>	<b>866</b>	<b>302</b>	<b>661</b>	<b>711</b>	<b>94</b>	<b>155</b>	<b>157</b>
Autonomous Republic of Crimea	10	53	64	44	104	97	35	80	81	10	18	11
<b>oblasts</b>												
Vinnytsya	6	7	7	17	12	9	9	9	8	3	3	3
Volyn	9	7	7	13	14	14	9	12	10	1	1	3
Dnipropetrovsk	11	12	17	16	34	38	24	42	44	1	3	4
Donetsk	15	23	26	37	56	56	16	47	48	—	4	4
Zhytomyr	8	10	10	9	16	16	4	13	13	1	5	5
Zakarpattia	3	22	27	29	64	78	13	50	56	4	1	2
Zaporizhzhya	6	11	11	12	12	12	11	13	12	—	1	1
Ivano-Frankivsk	6	10	18	15	22	23	7	20	23	2	1	3
Kyiv	6	10	13	13	15	25	8	16	21	2	2	2
Kirovohrad	6	4	4	11	8	9	6	8	9	8	3	2
Luhansk	5	7	6	14	6	6	8	6	4	2	1	1
Lviv	17	31	26	42	99	110	21	58	74	2	9	8
Mykolayiv	8	11	12	17	22	38	6	11	15	5	4	8
Odesa	18	28	24	38	45	47	17	32	35	12	11	11
Poltava	10	12	13	12	12	15	11	20	21	1	1	1
Rivne	8	4	4	9	6	6	4	7	7	2	3	3
Sumy	5	8	8	13	14	12	10	14	15	5	4	4
Ternopil	5	9	9	14	18	11	3	20	19	1	5	5
Kharkiv	11	18	16	19	28	28	10	21	21	3	1	1
Kherson	6	20	22	9	40	41	11	38	41	1	45	47
Khmelnyskiy	6	11	10	5	13	13	3	4	5	1	1	—
Cherkasy	11	13	12	14	20	17	14	17	16	4	4	5
Chernivtsi	5	8	9	10	18	20	4	21	26	2	5	5
Chernihiv	11	6	6	6	6	7	9	23	22	6	2	—
<b>cities</b>												
Kyiv	36	30	30	69	108	104	27	55	58	14	14	15
Sevastopol	3	2	4	8	15	14	2	4	7	1	3	3



**22.21. Capacities of hotels and other places for short-term stay, by region**

	Maximum capacity, beds				Total guests registered, thsd.				Ratio of use <sup>1</sup>			
	2000	2005	2008	2009	2000	2005	2008	2009	2000	2005	2008	2009
<b>Ukraine</b>	<b>102906</b>	<b>106048</b>	<b>161955</b>	<b>174398</b>	<b>3287,4</b>	<b>3938,2</b>	<b>4590,1</b>	<b>3622,1</b>	<b>0,24</b>	<b>0,33</b>	<b>0,24</b>	<b>0,18</b>
Autonomous Republic of Crimea	11329	12710	14839	15324	204,5	256,6	377,4	292,7	0,28	0,35	0,26	0,21
<b>oblasts</b>												
Vinnitsya	2464	1519	1563	1495	67,5	56,9	69,8	44,9	0,17	0,36	0,34	0,20
Volyn	2378	1961	2137	2148	92,6	89,6	92,8	66,7	0,21	0,27	0,31	0,18
Dnipropetrovsk	6025	11658	10925	11009	194,9	270,3	243,1	171,9	0,21	0,24	0,20	0,13
Donetsk	5910	5457	5764	5676	154,9	180,6	154,7	116,1	0,22	0,22	0,20	0,16
Zhytomyr	2312	1752	4736	4801	59,8	75,0	81,0	56,2	0,11	0,23	0,17	0,08
Zakarpattia	2839	3152	5367	5554	84,3	99,2	130,7	104,4	0,19	0,34	0,24	0,17
Zaporizhzhya	3554	2696	2382	2566	148,9	122,2	91,4	70,2	0,32	0,30	0,34	0,23
Ivano-Frankivsk	2305	2092	2804	3774	58,2	72,7	66,4	65,4	0,17	0,23	0,20	0,13
Kyiv	2693	2447	2458	4067	97,5	121,7	135,8	124,5	0,20	0,23	0,34	0,19
Kirovohrad	970	1066	1089	1102	31,6	42,3	33,2	26,5	0,18	0,36	0,15	0,19
Luhansk	3297	3807	5789	5270	47,7	75,4	102,0	70,7	0,09	0,20	0,12	0,09
Lviv	4893	8701	11081	11364	164,3	237,3	369,9	292,7	0,19	0,18	0,22	0,18
Mykolayiv	2490	1486	13271	17563	40,1	74,7	117,8	108,7	0,09	0,29	0,12	0,10
Odesa	8161	6619	7788	7541	243,1	289,8	241,7	213,7	0,20	0,28	0,20	0,16
Poltava	3421	2571	2877	2832	125,3	83,7	93,1	75,2	0,24	0,31	0,26	0,17
Rivne	1833	2519	2624	2760	66,4	90,7	73,6	60,5	0,19	0,35	0,24	0,19
Sumy	2372	2054	2355	2923	59,5	67,2	57,2	47,7	0,16	0,25	0,19	0,12
Ternopil	2478	3082	4478	3930	51,6	72,6	71,3	51,2	0,13	0,31	0,15	0,13
Kharkiv	4859	3467	3261	3230	143,2	160,2	179,3	160,9	0,18	0,24	0,30	0,34
Kherson	2817	2186	21681	23210	64,0	48,2	147,6	130,3	0,19	0,13	0,17	0,14
Khmelnyskiy	1578	1352	1806	1778	46,8	80,9	111,2	80,7	0,18	0,28	0,27	0,21
Cherkasy	2491	2139	3960	5163	73,8	119,9	103,1	74,3	0,20	0,25	0,18	0,11
Chernivtsi	1793	1398	4675	4764	52,9	50,9	73,7	54,3	0,21	0,20	0,18	0,15
Chernihiv	1887	2095	4023	4183	56,2	91,4	108,4	68,5	0,18	0,38	0,21	0,15
<b>cities</b>												
Kyiv	14478	14757	16907	18980	810,2	974,1	1224,8	958,2	0,40	0,68	0,52	0,40
Sevastopol	1279	1305	1315	1391	47,6	34,1	39,1	35,0	0,78	0,22	0,35	0,29

<sup>1</sup> Rate of capacity usage for hotels is estimated as a ratio of general duration of stay (person-days) to maximum capacity (beds) multiplied by 365 days

## 23. CRIMINAL JUSTICE

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

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

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

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

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

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

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

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

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

**Psychotropic substances** are some psychic substances that are included into a List of drugs (DET, DMT, LSD, mescaline, alphetamin, amobarbital, etc.). Toxic substances are phenil-acetone, ephedrine, calcium-permanganat).

**Crime rate** – the number of registered crimes per 100 thsd. average annual present population.

**Conviction rate** – the number of convicted persons (by Court's decisions that became legal) per 100 thsd. average annual present population.

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

**The State fire supervision** refers to fire protection of communities and objects, coordination of activities of ministries, other central bodies of executive power dealing with improvements to fire protection that is secured by Ministry of 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	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total registered cases<sup>1</sup></b>	<b>369,8</b>	<b>641,9</b>	<b>567,8</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>	<b>390,2</b>	<b>439,5</b>
of which											
premeditated murders											
and attempted murders	2,8	4,8	4,8	4,3	4,0	3,8	3,3	3,2	2,9	2,7	2,5
premeditated severe injuries	6,7	8,8	6,9	6,0	6,3	5,9	5,7	5,3	5,5	5,1	4,1
rapes and attempted rapes	2,7	1,9	1,2	1,0	1,0	1,0	0,9	1,0	0,9	0,9	0,8
hooliganism	18,8	37,1	23,4	14,0	20,1	15,9	15,0	13,4	12,1	11,7	10,5
violent crime	3,1	5,3	5,6	5,2	5,7	5,5	6,7	6,5	5,7	5,0	5,1
robberies	17,8	32,1	23,0	21,1	36,5	40,8	47,1	41,7	32,3	26,9	27,6
extortion	1,5	3,6	2,7	2,1	1,9	1,3	1,2	0,9	0,7	0,6	0,6

<sup>1</sup> For 1990 and 1995, by internal affair bodies, including transport police; for 2000–2009, including tax police

Out of all crimes registered by the law enforcement agencies and tax police in 2009, 158,6 thsd. were classified as grave and very grave offences.

23.2. Registered crimes, by region

(thsd.)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine<sup>1</sup></b>	<b>369,8</b>	<b>641,9</b>	<b>567,8</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>	<b>390,2</b>	<b>439,5</b>
Autonomous Republic of Crimea	23,6	34,4	30,2	22,8	26,7	26,3	23,8	18,8	20,8	19,9	23,0
<b>oblasts</b>											
Vinnitsya	8,6	14,6	14,0	13,0	14,9	15,0	12,5	11,4	10,6	10,5	10,8
Volyn	4,5	7,6	7,7	6,8	8,9	8,3	8,6	8,2	8,3	7,4	7,8
Dnipropetrovsk	41,7	81,4	65,6	51,5	55,5	53,9	46,5	38,1	36,0	33,1	41,0
Donetsk	44,2	62,7	54,7	46,8	60,3	59,3	58,2	52,2	49,5	46,9	53,4
Zhytomyr	8,3	15,4	15,8	10,7	13,9	11,8	10,0	8,7	7,9	7,9	8,9
Zakarpattia	3,5	7,6	6,7	6,7	6,7	6,7	6,6	5,6	5,2	5,1	5,7
Zaporizhzhya	17,3	32,4	32,6	24,9	32,6	30,7	28,4	25,8	27,4	24,5	25,1
Ivano-Frankivsk	4,6	9,1	8,9	7,9	8,9	7,8	7,5	6,4	5,8	5,3	5,6
Kyiv	10,2	17,2	15,8	13,0	16,1	14,9	13,5	12,3	12,1	11,8	13,9
Kirovohrad	8,5	12,9	12,8	10,0	11,4	10,2	9,6	7,8	7,1	7,4	9,7
Luhansk	25,9	50,6	39,3	31,5	41,6	42,0	35,3	29,7	28,2	26,7	29,7
Lviv	14,9	26,0	22,1	18,6	19,9	19,4	18,7	16,9	15,4	13,8	13,9
Mykolayiv	11,3	20,4	17,9	12,8	15,5	14,4	14,2	12,5	11,3	11,1	11,7
Odesa	23,1	34,1	26,9	22,9	30,0	26,0	23,5	21,2	20,0	20,0	21,3
Poltava	10,0	18,8	17,7	14,9	19,1	18,3	17,9	15,3	14,7	12,9	13,7
Rivne	4,1	7,1	7,7	6,9	9,0	7,6	7,7	6,3	5,9	5,9	7,1
Sumy	6,8	15,0	14,4	12,1	13,8	12,0	11,3	9,7	9,2	8,3	9,7
Ternopil	3,5	6,8	6,4	5,5	6,2	6,1	5,7	5,4	4,9	4,7	5,2
Kharkiv	26,6	49,5	43,1	36,6	45,1	37,4	32,0	26,8	25,7	24,6	25,8
Kherson	9,4	16,8	14,4	11,2	16,2	13,7	13,2	10,6	10,0	10,0	10,7
Khmelnyskiy	4,9	10,6	10,4	8,8	11,8	10,8	10,6	9,6	8,5	8,2	9,2
Cherkasy	7,4	13,8	14,4	11,2	12,8	11,6	10,3	8,8	8,1	7,9	9,3
Chernivtsi	3,0	5,2	4,7	4,7	6,0	5,4	5,1	5,1	5,0	5,1	5,9
Chernihiv	7,7	11,3	12,6	10,7	12,1	10,8	9,5	8,0	7,4	7,1	8,9
<b>cities</b>											
Kyiv	20,9	36,6	28,6	22,0	32,0	29,4	33,4	29,5	26,0	26,4	35,5
Sevastopol	...	3,9	4,3	3,7	5,2	4,7	4,7	4,7	4,4	4,8	5,2

<sup>1</sup> See the footnote to Table 23.1

The crime rate (total registered crime cases per 100 thsd. population) equaled 1246 in 1995, 1147 in 2000, 1057 in 2001, 955 in 2002, 1185 in 2003, 1112 in 2004, 1044 in 2005, 915 in 2006, 878 in 2007, 843 in 2008 and 954 in 2009.

CRIMINAL JUSTICE

**23.3. Crimes related on narcotics and other harmful drugs**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total registered crime</b>	<b>7236</b>	<b>38181</b>	<b>45748</b>	<b>58085</b>	<b>57435</b>	<b>65740</b>	<b>65017</b>	<b>64630</b>	<b>63838</b>	<b>63666</b>	<b>57624</b>
including											
theft, appropriation, extortion of drugs, psychotropic substances or similar products or cartured by swindle or abuse of official position	289	275	332	355	344	404	352	327	319	289	252
illegal production, purchase, storage, transportation and trafficking of drugs for sale or other purposes (plus sales)	6440	36223	40138	50592	49216	53852	53456	53379	53235	52628	48557
inclination for drugs	64	151	385	398	649	815	965	954	991	825	661
setting up and keeping places for illegal consumption, production or the making of drugs, psychotropic agents or similar products	93	668	1664	2276	2477	2708	2743	2662	2487	2443	2098

In 2009 the home affairs departments registered 8,7 thsd. criminal cases committed by drug addicts, 1,9 thsd. cases were committed under drug intoxication.

From February, 1995 criminal punishment has been introduced for activities related to illegal turnover of precursors.

**23.4. Court convictions, by selected crime**

(thsd.)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total convicted</b>	<b>104,2</b>	<b>212,9</b>	<b>230,9</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>	<b>146,9</b>	<b>146,4</b>
of whom of											
theft	33,2	92,5	108,4	85,4	84,9	80,5	60,1	39,9	32,8	29,0	32,7
robberies	5,1	9,0	10,0	10,3	11,3	13,1	13,4	14,9	14,3	12,6	12,6
violent crime	2,1	3,6	4,9	4,5	4,7	4,5	4,4	4,7	4,8	3,8	4,0
extortion	0,6	1,3	1,4	1,0	1,1	1,0	0,7	0,6	0,5	0,4	0,4
intended murders and attempted murders	1,9	3,1	3,9	3,0	3,0	2,2	2,1	2,0	2,3	2,0	1,9
intended severe injuries	3,3	4,2	4,9	4,2	4,6	4,5	4,1	4,0	4,2	3,8	3,9
rapes and attempted rapes	2,6	1,4	0,9	0,6	0,4	0,6	0,7	0,6	0,5	0,5	0,5

## CRIMINAL JUSTICE

**23.5. Court convictions, by region**

(thsd.)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine<sup>1</sup></b>	<b>104,2</b>	<b>212,9</b>	<b>230,9</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>	<b>146,9</b>	<b>146,4</b>
Autonomous Republic of Crimea	5,7	8,7	10,9	11,7	11,7	12,4	10,2	9,1	8,1	8,2	8,7
<b>oblasts</b>											
Vinnitsya	3,3	6,4	7,7	6,6	5,8	6,2	5,2	5,1	5,0	5,7	5,4
Volyn	1,8	3,9	3,7	3,2	3,5	3,8	3,2	3,2	2,7	2,9	2,9
Dnipropetrovsk	9,4	25,6	22,1	13,0	18,6	16,9	13,6	13,9	13,2	13,1	13,2
Donetsk	11,7	24,6	25,8	21,6	22,5	23,4	22,2	19,9	16,7	16,8	17,6
Zhytomyr	2,7	6,6	5,8	5,6	5,4	6,0	4,5	4,3	4,2	3,8	3,9
Zakarpattia	1,5	3,2	3,7	3,9	3,3	3,2	2,6	2,4	2,2	2,0	2,1
Zaporizhzhya	6,8	7,0	13,3	10,8	10,8	10,8	11,4	9,0	9,2	9,0	8,9
Ivano-Frankivsk	1,8	4,4	3,6	2,8	3,1	3,3	3,4	3,1	2,9	2,7	2,7
Kyiv	4,0	6,8	8,1	7,1	6,5	6,8	5,6	5,6	4,8	4,6	4,9
Kirovohrad	3,1	5,9	6,1	5,4	5,7	4,9	4,0	3,5	3,2	3,6	3,4
Luhansk	6,8	13,4	17,4	12,7	12,9	15,6	12,9	10,2	11,4	11,1	10,4
Lviv	3,6	9,4	8,4	7,0	6,6	7,1	6,0	5,7	5,4	4,7	4,4
Mykolayiv	3,5	5,7	6,5	6,6	7,0	7,4	6,8	5,8	5,5	5,0	4,7
Odesa	5,1	10,8	12,6	10,4	10,5	9,5	9,2	8,5	7,8	7,3	7,8
Poltava	3,4	6,9	7,0	6,3	6,6	6,4	6,7	6,1	5,3	4,4	4,3
Rivne	1,2	3,1	3,2	3,1	3,6	3,2	3,0	2,8	2,7	2,8	2,4
Sumy	4,0	7,9	6,8	6,3	6,4	5,8	4,6	4,5	4,1	3,6	3,9
Ternopil	1,6	4,2	3,0	2,4	2,3	2,3	2,1	2,1	1,8	1,9	2,0
Kharkiv	6,5	13,7	15,8	13,9	13,7	15,1	13,7	11,8	10,9	10,0	9,4
Kherson	2,8	4,9	6,8	5,5	5,9	5,9	5,5	5,2	4,6	4,3	4,4
Khmelnyskiy	2,3	5,7	4,8	3,5	4,3	4,7	4,1	3,9	3,9	3,6	3,6
Cherkasy	3,2	6,5	7,0	6,0	5,2	5,0	4,2	3,6	3,8	3,6	3,6
Chernivtsi	1,4	2,7	2,9	2,5	2,5	2,4	1,8	2,1	1,9	1,7	1,7
Chernihiv	2,9	5,5	6,2	5,9	5,7	6,0	4,6	4,1	3,9	3,5	3,3
<b>cities</b>											
Kyiv	4,1	8,4	9,3	8,0	8,3	8,2	3,9	3,6	5,9	5,4	5,4
Sevastopol	...	1,0	1,9	1,6	1,8	1,5	1,3	1,3	1,3	0,9	0,8

<sup>1</sup> In 2000, including those convicted by interregional courts; in 2001–2009, including those convicted by military courts

The conviction rate (number of convicted per 100 thsd. population) equaled 413 in 1995, 466 in 2000, 416 in 2001, 403 in 2002, 421 in 2003, 432 in 2004, 376 in 2005, 344 in 2006, 328 in 2007, 317 in 2008 and 318 in 2009.

CRIMINAL JUSTICE

**23.6. Convicted persons by category**

(percent)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<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>	<b>100,0</b>
Aged, years											
14–17	12,1	7,8	8,7	10,4	10,5	10,6	9,9	8,7	7,3	6,9	5,9
18–24	24,5	25,1	27,8	29,7	29,3	28,5	29,5	29,0	29,2	27,5	27,1
25–29	21,0	18,2	18,5	17,9	17,8	17,0	17,0	17,5	18,3	18,2	19,1
30 and older	42,4	48,9	45,0	42,0	42,4	43,9	43,6	44,8	45,2	47,4	47,9
Of total convicted											
females	9,5	14,4	13,8	12,4	12,1	13,3	12,8	13,0	12,0	12,4	12,7
persons with non-lifted conviction or conviction still in effect, earlier convicted persons, or those whose conviction has been lifted or no longer in effect	31,5	25,2	34,3	32,4	33,6	36,5	34,2	34,6	36,7	35,2	37,6
persons of working age not working or studying	23,2	39,8	60,3	62,0	63,0	62,9	64,8	65,4	66,6	66,4	67,5
persons who committed crime in the state of alcoholic intoxication	43,6	28,4	23,9	23,8	24,4	26,0	25,6	26,4	26,7	26,1	26,3

**23.7. Convicted persons, by major type of sentence**

(percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>
By type of sentence									
lifetime deprivation of freedom	0,1	0,1	0,1	0,0	0,0	0,1	0,1	0,0	0,1
term deprivation of freedom	34,7	31,4	30,3	26,5	25,9	24,0	25,0	22,4	24,2
fines	3,1	5,4	4,4	5,5	6,6	8,8	10,2	14,9	14,7
compulsory work	5,1	2,3	1,8	1,4	1,2	1,1	0,9	0,9	0,7
public works	0,1	0,9	1,4	1,7	1,9	2,4	2,8	3,6	5,3
restriction of freedom	0,3	1,6	1,7	1,9	2,0	2,1	2,3	2,6	2,5
freed from punishment	15,8	54,3	59,0	61,9	61,1	60,1	57,2	53,1	49,3
other types of punishment	40,8	4,0	1,3	1,1	1,3	1,4	1,5	2,5	3,2

CRIMINAL JUSTICE

**23.8. Share of young people (below 30 years of age), convicted for selected crimes**

(percent of the number of persons convicted for the respective crime)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
<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>54,8</b>	<b>52,6</b>	<b>52,1</b>
For crimes									
against national security	—	—	—	—	—	—	—	—	—
against personal life and health	41,0	41,2	43,8	42,9	43,1	44,1	45,4	45,4	45,4
against personal will and dignity	42,9	40,0	44,0	49,2	43,7	49,1	49,5	56,0	50,9
against sex freedom and sex inviolability	63,6	68,5	67,9	64,5	66,6	65,3	65,5	65,1	65,0
against electoral, labour and other rights of a person and a citizen	18,7	21,2	20,8	19,8	21,4	23,8	23,7	24,1	24,0
against property	63,0	64,3	64,9	65,4	68,3	70,3	70,8	69,3	65,4
in economic sphere	27,3	30,8	29,8	26,6	26,8	24,1	23,2	22,8	21,0
against environment	41,4	41,1	46,1	43,4	40,3	42,1	38,0	39,4	40,8
against public safety	33,6	34,2	33,9	30,1	28,9	27,3	25,0	26,2	26,9
against safety of production	27,3	17,8	15,5	13,8	17,4	16,1	18,0	16,9	18,6
against safety of traffic and use of transport	78,1	69,4	68,8	66,8	65,1	63,0	63,4	60,9	61,3
against civil order and morality	67,7	69,6	70,4	70,2	71,0	70,4	70,0	67,6	69,7
related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	50,0	54,0	53,1	49,1	48,5	47,2	48,1	46,9	46,9
in the spheres of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	65,3	54,0	55,2	62,7	61,0	45,9	53,6	61,3	71,3
against state and local authorities and associations of citizens	35,9	34,3	31,5	31,6	31,1	32,5	33,9	35,1	34,7
in the sphere of use of computers, computing systems and networks	—	—	100,0	62,5	57,1	70,5	63,3	50,9	62,7
in the sphere of office activity	11,2	12,3	12,5	12,3	14,0	16,4	18,1	18,1	18,4
against justice	49,2	49,2	46,7	47,5	44,7	43,1	43,6	44,5	45,8
against the established order of military service (military crimes)	89,7	87,1	87,5	85,2	85,9	82,5	85,8	78,8	76,5
against peace, security of the humankind and the international order	—	—	—	—	—	—	—	—	100,0
other crimes <sup>1</sup>	56,8	62,8	61,6	58,5	54,1	50,5	53,1	42,2	40,1

<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	2008	2009
<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>	<b>6,9</b>	<b>5,8</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	4,1	3,4
against personal will and dignity	—	5,0	2,0	2,5	0,6	1,8	1,5	2,6	2,3
against sex freedom and sex inviolability	5,5	12,8	13,8	15,1	13,3	16,9	11,7	13,6	13,6
against electoral, labour and other rights of a person and a citizen	0,2	0,1	0,1	0,1	0,2	0,5	0,4	0,6	0,4
against property	13,6	15,0	15,5	16,3	16,4	15,6	13,8	13,6	11,1
in economic sphere	1,7	1,0	0,8	0,8	0,9	1,0	0,9	1,0	0,7
against environment	0,7	2,2	1,8	2,0	1,9	1,7	0,7	2,1	0,5
against public safety	3,1	3,0	2,5	2,5	2,1	1,3	1,0	1,4	0,9
against safety of production	—	—	—	—	—	—	0,5	—	—
against safety of traffic and use of transport	17,3	14,5	13,8	13,1	10,4	9,7	9,4	8,2	8,1
against civil order and morality	9,9	12,6	11,7	11,2	10,5	9,9	7,9	8,9	6,5
related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	2,2	2,2	2,5	2,9	2,6	2,6	2,1	2,0	1,7
in the spheres of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	2,0	2,1	0,2	0,5	1,7	1,4	0,5	0,6	2,2
against state and local authorities and associations of citizens	1,6	1,4	0,9	1,1	1,1	0,9	1,0	0,6	0,3
in the sphere of use of computers, computing systems and networks	—	—	—	12,5	—	4,5	—	—	—
in the sphere of office activity	0,1	0,0	0,1	—	—	—	—	—	—
against justice	1,5	1,7	1,1	0,9	1,0	0,7	0,7	0,9	1,1
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	4,5	4,1

<sup>1</sup> Convicted by articles of the 1960 *Criminal Code of Ukraine*



## CRIMINAL JUSTICE

**23.10. Institutions executing sentences and number of prisoners***(end of year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of institutions	135	137	142	142	142	147	147	147	147	146	151
including											
for females	7	11	12	12	12	13	12	12	12	12	12
for minors	11	11	11	11	11	11	11	11	11	10	10
Number of prisoners	159,5	175,3	150,9	154,6	150,9	153,7	138,3	128,9	118,4	112,6	110,4
including											
for females	7,9	10,9	9,1	9,3	9,1	9,3	8,5	8,0	6,9	6,4	6,3
for minors	2,4	2,5	2,1	2,4	2,4	2,5	2,1	2,2	1,3	1,1	0,9

**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	2009	1990	1995	2000	2005	2009
	thsd.					percent				
<b>Total</b>	<b>66,1</b>	<b>67,0</b>	<b>39,8</b>	<b>41,5</b>	<b>22,4</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 education institutions	26,1	29,4	15,6	22,5	11,8	39,5	43,9	39,1	54,3	52,7
pupils of professional training institutions	16,1	10,7	6,5	7,0	4,0	24,3	15,9	16,3	16,8	17,7
did not work or study	5,4	15,9	10,0	7,8	4,5	8,2	23,8	25,2	18,7	20,3
have one parent	21,9	18,9	10,4	11,0	6,1	33,1	28,2	26,1	26,4	27,1
have no parents	1,3	1,2	0,9	1,2	0,8	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	1,2	1,9	2,0	2,6	4,1	5,2

CRIMINAL JUSTICE

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

(thsd.)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>6515,9</b>	<b>22400,6</b>	<b>9395,4</b>	<b>7097,3</b>	<b>7013,7</b>	<b>6370,3</b>	<b>7677,9</b>	<b>8867,5</b>	<b>9874,9</b>	<b>8280,5</b>
Committed offences related to industrial hygiene and health care	161,0	161,5	179,7	248,2	267,5	272,2	279,6	305,5	285,2	283,1
encroachment on property	59,7	87,4	12,8	9,6	9,5	13,0	23,0	26,5	30,1	26,4
of which petty stealing of another's property	58,8	85,0	10,9	5,6	5,4	8,4	17,6	19,6	21,8	17,9
related to environmental protection, use of natural resources, and protection of historical and cultural monuments	80,9	146,0	142,5	156,5	165,9	150,5	176,1	187,0	209,5	213,6
related to industry, construction, and use of fuel and energy resources	50,9	64,0	81,5	97,2	101,1	105,3	107,1	122,2	135,3	125,1
related to agriculture, and infringements of veterinary and sanitary regulations	73,4	87,5	95,5	121,0	127,7	136,9	136,8	142,6	146,9	123,1
related to transport, road services and communications	4379,2	18040,4	6507,4	4502,2	4392,4	3877,8	4942,6	5753,7	6506,5	4834,8
related to housing rights of citizens, housing and community amenities, and equipping localities with services and utilities	36,3	49,9	75,9	80,6	88,1	79,2	81,6	110,3	113,3	111,7
related to trade, public catering, consumer services, finance and business activities	89,5	868,1	555,4	459,9	476,6	361,5	395,2	482,2	508,4	526,4
related to standardisation, product quality, weights, measures and certification	6,6	27,2	25,9	25,2	26,4	23,0	27,1	26,3	21,6	20,0
encroachment on public safety and order	1251,4	2291,7	1142,4	832,4	781,2	730,2	797,4	913,0	952,6	1096,3
of which minor hooliganism	290,2	541,5	252,8	234,1	203,1	168,4	170,6	182,6	207,4	239,1
excessive consumption of spirits at public places and presence at public places	700,6	1459,2	690,3	451,0	399,7	361,5	407,1	462,7	471,0	556,8
in the state of alcohol intoxication	327,0	576,9	576,4	564,5	577,3	620,7	711,4	798,2	965,5	920,0
encroachment on the established procedures	—	—	—	—	—	—	0,0	0,0	0,0	0,0
infringement on popular declaration of intend and the established order of its implementation	—	—	—	—	—	—	0,0	0,0	0,0	0,0

In 2009, the courts with court decisions have considered 1296,2 thsd. cases on administrative proceedings, among which 1111,7 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		2009	
	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>1541,8</b>	<b>1191,4</b>
of which										
reinstatement	3,8	1,8	3,6	2,0	5,5	3,1	3,8	2,2	3,7	1,5
payment of wages	1,1	0,7	0,9	0,7	237,6	232,3	56,0	53,5	21,5	14,6
indemnification of financial damage, inflicted by employees to state enterprise, establishment, organisation	9,8	8,4	1,8	1,7	1,8	1,6	0,7	0,6	0,8	0,5
divorce	172,2	164,4	172,4	168,7	156,9	154,8	140,7	138,8	143,7	112,9

**23.14. State notary services**

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
Total state notary offices	729	822	795	801	796	826	821	822	822	844
Total notary actions (will witnessing, heritage certificates issuing, execution of court orders, etc), thsd.	4532	8216	3920	3831	4414	4094	4096	4228	4387	3591
Total state duty for notary activities received by the budget, mln. UAH	...	22,3	50,8	65,6	82,6	71,2	89,8	98,3	102,2	101,6

In 2009, 4981 private notary who had carried out 12404 thsd. notarial actions reported to the State justice agencies.

## CRIMINAL JUSTICE

**23.15. Fires**

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total fires</b>	<b>47875</b>	<b>37596</b>	<b>41794</b>	<b>40374</b>	<b>49654</b>	<b>53751</b>	<b>51432</b>	<b>55708</b>	<b>49838</b>	<b>48998</b>
Fire consequences										
total killed, persons	2067	2423	3660	3929	3822	4182	4038	3983	3896	3183
of whom children	166	149	133	130	92	119	126	139	92	66
total injured, persons	1332	1532	1819	1854	1872	1912	1903	1871	1817	1648
total rescued, persons	2073	6901	6640	7536	4104	4114	3632	3224	6546	3297
Total direct losses, mln. UAH	73,2	70,3	111,4	128,6	92,1	292,5	204,9	576,8	2945,2	486,5
Destroyed or damaged										
buildings and dwellings	8198	17704	21189	20700	17401	20918	20256	23129	21043	21832
car equipment	956	2142	2637	2454	2342	2457	2555	2862	3084	3034
Loss of livestock, heads	1386	835	912	999	460	675	825	528	812	1246
Destroyed fodder, t	39191	24203	20615	14545	14009	19529	15155	16024	15536	14498

**23.16. Fires, by cause**

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total fires</b>	<b>47875</b>	<b>37596</b>	<b>41794</b>	<b>40374</b>	<b>49654</b>	<b>53751</b>	<b>51432</b>	<b>55708</b>	<b>49838</b>	<b>48998</b>
Arsons	3640	2273	1664	1454	1329	1546	1469	1644	1814	2110
Equipment disrepair	791	294	177	157	186	161	141	121	117	107
Infractions of electric equipment and appliances, assembling and operation rules	11693	10693	10750	10351	10758	10907	10965	10628	10545	10357
Infractions of heating and heat generating equipment, assembling and operation rules	4600	3535	3972	3764	3827	4022	4292	3666	3733	3950
Careless use of fire	18408	14925	19012	15420	24866	30944	29296	33738	28441	28193
Children's mischief with fire	3931	2294	1836	1544	1710	1769	1299	1324	1015	896
Unidentified reasons	323	11	8	3	—	3	3	3	2	4
Other reasons	4489	3571	4375	7681	6978	4399	3967	4584	4171	3381

## 24. NATURAL RESOURCES AND ENVIRONMENT PROTECTION

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

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

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

**Recultivation of land** is a complex of operations aimed at recreation of the productivity, economic value of lands and improvement of environment.

**Land damage** refers to actions that make land lose its economic importance or are a source of negative influence on the environment due to the damaged soil, hydrological regime and creation of a technogenic relief as a result of economic activity.

**Consumption of fresh water** is the usage of all kinds of water, derived from different sources (including surface and subsurface water, formation water, mine water, sea water, etc.) to meet economic needs. These waters were collected or received from water supply units that belong to enterprises, water utilities and other water systems. The reuse of waste and drainage water is excluded.

**Use of recycled water** is measured by the amount of fresh water saved by the use of water returned to the water supply system after reprocessing. It includes the use of recycled waste and drainage waters. Reused water does

not include water spent in systems supplying communal and industrial heat.

**Discharge (drainage) of waste waters** refers to waters that were disposed of into the natural waters and transferred to others water users.

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

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

**Stationary emission of pollutants** into the atmosphere refers to the emission of pollutants during an operational process from stationary technical unit (equipment, devices, machines, etc.). It also refers to emissions from waste banks, reservoirs and other storages.

**Hazardous wastes** are wastes that have physical, chemical, biological or other hazardous properties that are or could be a danger to the environment and human health. They require special methods and means to treat them.

Hazardous wastes contain the substances with dangerous properties that lead to toxicity, explosive risk, fire risk, high reaction capability, they could have pathogenic organisms.

**Neutralization (liquidation) of wastes** is the reduction or elimination of hazardous wastes through the mechanical, chemical or biological processing.

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

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

**Capacity of purifying facilities** is maximal volume of recycled water purified in a year.

**Hazardous substance** is a substance of chemical or biological origin that is present or come into the atmosphere and can directly or indirectly cause the negative impact upon the health of the human being and environment.

**Greenhouse gases** are gases that detain infrared irradiation of the land surface, thus causing the global warming on the planet. The basic greenhouse gases include carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitric oxide (N<sub>2</sub>O), hydro-fluorine carbon, perfluorine carbon, hecsofluoride sulfur (SF<sub>6</sub>).

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

**Emission of the pollutants into the atmosphere from stationary source** is total amount of contaminants coming to the air basin from stationary sources both after treatment at dust-arresting and gas-cleaning systems as a result of insufficient capture and purification at organised sources and without treatment from organised and non-organised sources of pollution.

It excludes emissions of the pollutants as a result of soil erosion (dust storms), forest fires, etc.

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

**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, 2010)

	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	42813,7	70,9
forest and forested land	10591,9	17,6
built areas	2499,1	4,2
land under water	2423,2	4,0
open swamp areas	979,4	1,6
other land	1047,5	1,7

<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	2002	2003	2004	2005	2006	2007	2008	2009
Total preserves and national nature parks	21	20	31	33	33	36	36	38	38	39	43
Their area, thsd.ha	407,0	417,6	887,5	1013,6	1013,8	1052,5	1056,5	1104,3	1107,0	1146,8	1225,7

**24.3. Damaged and recultivated land**

(thsd.ha)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Damaged	17,0	3,5	1,9	1,5	3,5	1,8	2,0	1,7	1,4	1,2	1,5
Exhausted	16,4	4,6	2,8	3,6	2,0	1,4	1,8	2,0	1,1	2,0	1,1
Recultivated	19,2	8,4	3,7	2,8	1,9	1,5	2,1	1,4	1,2	1,6	0,9
of which arable land	8,9	1,5	1,5	0,7	0,5	0,4	0,3	0,5	0,2	0,3	0,2

As of end of 2009 the area of damaged soil accounted for 156,7 thsd.ha and that of exhausted to 51,5 thsd.ha.

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.4. Land protection operations<sup>1</sup>**

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Construction of anti-erosion hydrotechnical installations										
earthen walls, walls-ditches, km	135,2	9,3	5,0	4,0	13,5	3,6	8,6	7,3	8,0	0,5
walls-terraces, km	5,4	10,9	8,6	3,8	5,1	6,6	2,3	2,4	2,3	0,7
walls-roads, km	16,2	2,2	0,3	1,1	1,1	1,1	2,2	1,3	1,1	2,5
anti-erosion ponds (storages of solid drainage), ha	177,0	24,0	33,7	31,8	5,2	7,0	1,5	2,0	1,8	0,0
water drainage constructions, pcs	51	18	6	2	1	2	2	1	2	9
reinforced shores, km	1,0	4,7	0,9	237,0	2,6	3,9	4,2	4,2	1,2	7,6
Alkalisiation of severely degraded and chemical-polluted arable land, ha	12785,0	14974,0	6496,0	16728,8	8566,0	6341,5	8929,9	6212,3	6021,8	3805,9

<sup>1</sup> See the footnote to Table 24.1

**24.5. Liming and plastering of soils**

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Limed soil, thsd.ha	1407,9	286,6	23,9	21,5	23,5	40,9	41,7	43,9	49,0	59,7	87,8
Lime powder and other lime materials applied, thsd.t	6930,7	1597,4	169,7	143,8	132,0	222,8	243,1	283,4	300,3	334,1	406,1
Plastered soil, thsd.ha	285,4	18,1	5,1	5,0	1,6	3,8	2,7	5,7	7,9	9,8	24,6
Plaster and other plaster-containing rock applied, thsd.t	1275,9	79,2	27,0	25,0	5,4	16,5	12,1	30,4	39,9	39,2	47,0



NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**WATER RESOURCES**

**24.6. Water supply and water drainage, basic indicators**

(mln.cub.m)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Consumption of fresh water (including sea water)	30201	20338	12991	11589	11034	9973	10188	10245	10995	10265	9513
of which											
for production purposes	16247	10421	6957	6632	6068	5685	5706	5783	6162	5970	5149
for household and drinking purposes	4647	4404	3311	2870	2724	2527	2409	2298	2192	2103	1956
Discharge (drainage) of waste waters	20261	14981	10964	10005	9459	9065	8900	8824	8917	8655	7692
of which											
polluted	3199	4652	3313	2920	2948	3326	3444	3891	3854	2728	1766
of which without purification	470	912	758	782	804	758	896	1427	1506	616	270
purified according to standards	3318	1936	2100	2111	1946	1492	1315	1304	1245	1357	1711
Total waste and recycled waters	67661	51054	41523	41315	42345	45658	47167	47716	48883	46260	41379
Capacity of purifying facilities	8131	8419	7992	7546	7733	7740	7688	8104	7768	7518	7581

**24.7. Fresh water consumption, by region**

(mln.cub.m)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>30201</b>	<b>20338</b>	<b>12991</b>	<b>11589</b>	<b>11034</b>	<b>9973</b>	<b>10188</b>	<b>10245</b>	<b>10995</b>	<b>10265</b>	<b>9513</b>
Autonomous Republic of Crimea	2735	1747	1106	778	826	685	791	743	784	687	767
<b>oblasts</b>											
Vinnitsya	1894	1016	696	610	126	121	125	121	113	107	100
Volyn	187	225	121	104	115	80	71	77	80	78	76
Dnipropetrovsk	3599	2752	1756	1673	1624	1475	1579	1480	1461	1462	1307
Donetsk	3419	2548	1751	1604	1676	1589	1508	1562	1633	1527	1346
Zhytomyr	282	178	107	100	103	101	101	137	163	166	150
Zakarpattia	144	104	70	57	51	48	44	42	38	37	35
Zaporizhzhya	4598	2635	1702	1449	1342	1123	1076	1101	1464	1286	1007
Ivano-Frankivsk	289	219	111	96	99	98	104	101	103	100	93
Kyiv	2131	1496	1132	1021	948	786	812	874	862	881	886
Kirovohrad	270	184	86	65	62	57	53	45	44	46	43
Luhansk	1261	954	408	332	288	268	254	250	241	232	199
Lviv	552	386	219	234	217	209	203	195	191	187	181
Mykolayiv	785	500	277	249	233	178	194	223	233	205	195
Odesa	1315	719	479	376	350	312	330	336	360	321	336
Poltava	478	295	248	229	238	220	206	290	292	271	204
Rivne	268	190	125	143	145	149	160	159	167	174	151
Sumy	281	216	115	93	97	109	109	117	110	111	94
Ternopil	183	162	65	68	66	73	66	64	66	59	58
Kharkiv	785	594	408	389	376	373	295	292	295	317	282
Kherson	2161	1131	639	510	576	428	610	607	923	669	760
Khmelnyskiy	363	269	156	112	109	102	102	107	127	106	89
Cherkasy	563	547	214	239	244	238	246	251	243	243	241
Chernivtsi	109	85	57	72	72	64	68	69	60	60	61
Chernihiv	285	235	122	120	157	155	149	137	154	148	142
<b>cities</b>											
Kyiv	1093	848	777	818	824	856	872	792	728	709	646
Sevastopol	171	103	44	48	70	76	60	73	60	76	64

**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	2005	2006	2007	2008	2009	1995	2000	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>51054</b>	<b>41523</b>	<b>47167</b>	<b>47716</b>	<b>48883</b>	<b>46260</b>	<b>41379</b>	<b>83</b>	<b>86</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>
Autonomous Republic of Crimea	377	252	338	320	325	323	281	73	77	79	79	79	81	77
<b>oblasts</b>														
Vinnitsya	195	85	573	757	905	903	771	18	12	88	91	93	93	93
Volyn	62	42	43	46	43	38	26	64	74	67	65	64	61	54
Dnipro-petrovsk	7189	5668	5375	5557	5687	5637	5108	79	82	81	83	84	83	84
Donetsk	10760	7838	7745	8018	8503	7784	6797	87	87	87	87	87	87	87
Zhytomyr	239	152	237	243	238	247	218	80	86	87	84	82	83	83
Zakarpattya	55	19	9	9	1	1	1	68	79	56	50	11	14	17
Zaporizhzhya	7723	9996	10022	10194	10393	9507	10094	79	88	92	92	89	90	92
Ivano-Frankivsk	3033	1165	2228	2250	2188	2104	1640	97	95	97	97	97	97	96
Kyiv	2822	1897	492	474	374	323	318	69	66	41	39	33	29	29
Kirovohrad	157	47	97	115	119	123	83	75	68	84	88	89	87	86
Luhansk	2719	2328	2235	2405	2638	2555	2341	85	93	95	95	95	95	96
Lviv	670	405	437	425	417	119	368	85	88	88	89	89	69	88
Mykolayiv	3395	2976	3782	3230	3237	3608	3435	96	97	98	96	97	97	97
Odesa	245	179	210	112	142	165	173	61	69	73	60	64	67	70
Poltava	1263	839	1072	1086	1098	938	936	92	94	96	92	91	91	96
Rivne	3342	3160	6074	6111	6136	6093	3355	98	98	99	99	99	98	98
Sumy	504	188	191	195	207	185	143	88	82	84	83	84	83	86
Ternopil	122	71	57	64	56	46	34	72	71	69	71	70	70	63
Kharkiv	3019	1707	1669	1649	1554	1574	1404	94	94	95	95	94	93	93
Kherson	197	72	84	98	67	60	57	69	69	70	75	61	67	70
Khmelnyskiy	1188	1157	2714	2986	3150	2574	2534	95	96	98	98	99	98	99
Cherkasy	780	614	743	680	680	641	590	82	89	93	93	94	94	94
Chernivtsi	41	21	9	9	9	9	5	68	53	29	28	30	35	22
Chernihiv	249	177	213	214	204	200	165	65	74	68	70	65	66	62
<b>cities</b>														
Kyiv	681	465	501	462	491	473	477	61	54	49	50	54	53	56
Sevastopol	27	3	17	7	21	30	25	44	27	39	15	44	39	40

**24.9. Waste recycled waters drained into the natural surface water basins in 2009, by region***(mln.cub.m)*

	Total	Including		Share of total waste recycled waters drained, percent
		without purification	insufficient purification	
<b>Ukraine</b>	<b>1766</b>	<b>270</b>	<b>1496</b>	<b>23,0</b>
Autonomous Republic of Crimea	68	15	53	24,1
<b>oblasts</b>				
Vinnitsya	2	0	2	2,9
Volyn	4	1	3	6,3
Dnipropetrovsk	522	124	398	43,3
Donetsk	531	17	514	43,1
Zhytomyr	6	0	6	4,1
Zakarpattia	11	1	10	23,9
Zaporizhzhya	83	15	68	10,9
Ivano-Frankivsk	17	0	17	18,5
Kyiv	29	3	26	3,7
Kirovohrad	33	0	33	56,9
Luhansk	100	23	77	33,2
Lviv	59	4	55	23,7
Mykolayiv	28	0	28	30,1
Odesa	135	44	91	44,6
Poltava	5	—	5	2,3
Rivne	24	2	22	21,1
Sumy	22	0	22	35,5
Ternopil	2	1	1	3,2
Kharkiv	14	7	7	4,7
Kherson	1	0	1	1,3
Khmelnyskiy	3	0	3	5,6
Cherkasy	12	4	8	5,3
Chernivtsi	10	6	4	19,6
Chernihiv	22	—	22	17,6
<b>cities</b>				
Kyiv	—	—	—	—
Sevastopol	23	3	20	45,1

## ATMOSPHERE

## 24.10. Emission of pollutants and carbon dioxide into the atmosphere

(thsd,t)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Emission of pollutants into the atmosphere – total</b>	<b>15549,4</b>	<b>7483,5</b>	<b>5908,6</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>	<b>7210,3</b>	<b>6442,9</b>
of which											
by stationary sources	9439,1	5687,0	3959,4	4075,0	4087,8	4151,9	4464,1	4822,2	4813,3	4524,9	3928,1
of which											
sulfur dioxide	2782,3	1639,1	976,6	1023,9	1034,2	975,4	1119,5	1333,0	1313,1	1290,6	1235,2
nitrogen peroxide	760,8	423,8	320,0	309,4	306,0	291,7	343,7	325,8	336,6	330,9	279,2
nitrogen oxide	...	...	...	...	...	16,3	7,1	7,0	6,5	5,9	5,0
carbon oxide	3273,7	1478,8	1230,6	1256,8	1269,7	1318,8	1320,5	1357,9	1404,4	1185,2	915,5
methane <sup>1</sup>	261,6	235,2	179,7	365,5	375,4	745,1	811,1	917,1	884,9	915,2	840,7
nonmethane volatile organic compounds <sup>2</sup>	200,4	313,0	263,8	284,5	223,1	91,7	91,1	87,5	82,3	73,7	66,9
soot	34,5	40,4	10,7	11,3	9,5	11,6	11,1	11,3	9,9	8,3	7,3
movable sources of pollution	6110,3	1796,5	1949,2	2026,9	2103,5	2174,0	2151,5	2205,4	2566,7	2685,4	2514,8
of which											
sulfur dioxide	...	...	8,2	8,7	12,1	13,1	13,3	14,2	29,5	30,0	27,5
nitrogen peroxide	...	106,5	120,6	126,3	171,9	180,2	180,2	189,3	305,3	311,1	282,9
nitrogen oxide	...	...	...	...	...	...	...	...	2,3	2,4	2,1
carbon oxide	...	1426,8	1546,2	1608,3	1619,9	1672,2	1654,7	1692,6	1897,1	1991,5	1872,0
methane <sup>3</sup>	...	263,2	267,0	275,9	283,1	290,2	284,5	287,6	9,2	8,6	8,1
nonmethane volatile organic compounds	...	...	...	...	4,6	5,3	5,4	7,2	290,0	308,3	291,6
soot	...	...	7,2	7,7	11,9	13,0	13,4	14,3	33,1	33,3	30,4
of which											
movable sources by mode of transport											
by road											
transport	6110,3	1796,5	1949,2	2026,9	2009,7	2076,9	2056,0	2097,0	2294,4	2420,3	2285,0
of which											
sulfur dioxide	...	...	8,2	8,7	9,4	10,3	10,5	11,0	19,5	20,1	18,7
nitrogen peroxide	...	106,5	120,6	126,3	128,0	135,1	136,2	141,3	202,7	211,6	197,8
nitrogen oxide	...	...	...	...	...	...	...	...	1,2	1,3	1,2
carbon oxide	...	1426,8	1546,2	1608,3	1591,4	1642,8	1625,8	1657,8	1773,3	1870,5	1766,6
methane <sup>3</sup>	...	263,2	267,0	275,9	272,2	279,0	273,5	276,2	7,6	8,0	7,6
nonmethane volatile organic compounds	...	...	...	...	...	...	...	...	266,6	284,8	270,9
soot	...	...	7,2	7,7	8,7	9,7	10,0	10,7	23,4	23,8	22,1
by air, rail, water transport and manufacturing technics <sup>4</sup>	...	...	...	...	93,8	97,1	95,5	108,4	272,3	265,1	229,8
of which											
sulfur dioxide	...	...	...	...	2,7	2,8	2,8	3,2	10,0	9,9	8,8
nitrogen peroxide	...	...	...	...	43,9	45,1	44,0	48,0	102,6	99,5	85,1
nitrogen oxide	...	...	...	...	...	...	...	...	1,1	1,1	0,9
carbon oxide	...	...	...	...	28,5	29,4	28,9	34,8	123,8	121,0	105,4
methane <sup>3</sup>	...	...	...	...	10,9	11,2	11,0	11,4	1,6	0,6	0,5
nonmethane volatile organic compounds	...	...	...	...	4,6	5,3	5,4	7,2	23,4	23,5	20,7

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.10 continued

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
soot	...	...	...	...	3,2	3,3	3,4	3,6	9,7	9,5	8,3
Besides emission of carbon dioxide – total, mln.t	...	...	...	...	...	126,9	152,0	178,8	218,1	209,4	185,2
of which											
by stationary sources	...	...	...	...	...	126,9	152,0	178,8	184,0	174,2	152,8
by road transport	...	...	...	...	...	...	...	...	25,7	26,7	25,1
by air, rail, water transport and manufacturing technics	...	...	...	...	...	...	...	...	8,4	8,5	7,3

<sup>1</sup> In 1990, 1995, 2000–2003 including other hydrocarbons

<sup>2</sup> In 1990, 1995, 2000–2003 are given data emissions of volatile organic compounds

<sup>3</sup> In 1995, 2000–2006 for road transport; in 2003–2006 for air, rail and water transport – including other hydrocarbons

<sup>4</sup> Since 2007 including manufacturing technics emission

**24.11. Emission of pollutants into the atmosphere, by region<sup>1</sup>**

	Total, thsd.t						Per sq.km, t					
	1995	2000	2005	2007	2008	2009	1995	2000	2005	2007	2008	2009
<b>Ukraine</b>	<b>7483,5</b>	<b>5908,6</b>	<b>6615,6</b>	<b>7380,0</b>	<b>7210,3</b>	<b>6442,9</b>	<b>12,4</b>	<b>9,8</b>	<b>11,0</b>	<b>12,2</b>	<b>11,9</b>	<b>10,7</b>
Autonomous Republic of Crimea	150,9	123,4	125,3	148,4	155,2	137,4	5,8	4,7	4,8	5,7	5,9	5,3
<b>oblasts</b>												
Vinnitsya	201,4	145,6	180,4	236,7	218,1	194,7	7,6	5,5	6,8	8,9	8,2	7,3
Volyn	48,9	35,2	50,4	66,4	63,4	57,1	2,4	1,8	2,5	3,3	3,2	2,8
Dnipropetrovsk	1106,7	939,5	1165,3	1324,7	1164,8	989,4	34,7	29,5	36,5	41,5	36,5	31,0
Donetsk	2294,3	1795,3	1862,9	1871,2	1767,2	1513,3	86,6	67,7	70,3	70,6	66,7	57,1
Zhytomyr	67,8	61,8	72,5	83,7	80,5	84,1	2,3	2,1	2,4	2,8	2,7	2,8
Zakarpattia	36,7	40,7	65,9	88,2	91,4	87,6	2,9	3,2	5,1	6,9	7,1	6,8
Zaporizhzhya	346,1	333,3	383,4	347,6	331,7	280,5	12,7	12,3	14,1	12,8	12,2	10,3
Ivano-Frankivsk	325,7	184,8	252,2	325,2	298,3	271,8	23,4	13,3	18,1	23,4	21,5	19,6
Kyiv	209,1	167,5	170,0	251,3	289,9	266,7	7,4	6,0	6,0	8,9	10,3	9,5
Kirovohrad	133,7	80,4	70,3	80,3	75,1	75,8	5,4	3,3	2,9	3,3	3,1	3,1
Luhansk	670,5	529,2	593,6	632,4	662,5	592,3	25,1	19,8	22,2	23,7	24,8	22,2
Lviv	239,6	192,9	187,6	253,1	266,8	253,4	11,0	8,8	8,6	11,6	12,2	11,6
Mykolayiv	85,3	54,2	71,4	86,6	89,6	85,8	3,5	2,2	2,9	3,5	3,6	3,5
Odesa	127,1	113,5	141,1	189,3	192,2	175,1	3,8	3,4	4,2	5,7	5,8	5,3
Poltava	233,6	151,9	161,1	205,7	202,2	183,5	8,1	5,3	5,6	7,1	7,0	6,4
Rivne	64,6	49,7	60,9	66,2	61,5	52,8	3,2	2,5	3,0	3,3	3,1	2,6
Sumy	100,3	81,1	78,1	88,4	87,4	83,4	4,2	3,4	3,3	3,7	3,7	3,5
Ternopil	65,3	43,3	47,7	66,1	64,8	61,1	4,7	3,1	3,5	4,8	4,7	4,4
Kharkiv	367,4	268,6	301,6	296,7	310,4	266,1	11,7	8,6	9,6	9,4	9,9	8,5
Kherson	89,4	64,3	62,6	77,6	84,0	80,4	3,1	2,3	2,2	2,7	2,9	2,8
Khmelnyskiy	111,4	70,0	52,5	87,5	92,1	81,5	5,4	3,4	2,5	4,2	4,5	4,0
Cherkasy	132,9	93,1	95,5	119,3	124,0	133,9	6,4	4,5	4,6	5,7	5,9	6,4
Chernivtsi	35,0	35,1	33,6	45,9	43,3	43,0	4,3	4,3	4,1	5,7	5,3	5,3
Chernihiv	102,0	64,2	83,4	90,6	98,1	93,9	3,2	2,0	2,6	2,8	3,1	2,9
<b>cities</b>												
Kyiv	123,1	170,4	220,5	230,5	275,2	277,9	153,9	213,0	275,6	288,1	344,0	347,4
Sevastopol	14,7	19,6	25,8	20,4	20,6	20,4	16,3	21,8	28,7	22,7	22,9	22,7

<sup>1</sup> In 1995, 2000 are given data emission of pollutants from stationary sources and road transport. Since 2005 including data emission of pollutants from rail, air and water transport; since 2007 – manufacturing technics

**24.12. Stationary pollutant emissions and carbon dioxide into the atmosphere in 2009,  
by type of economic activity**

	Polluting enterprises	Pollutants			
		pollutant emissions		carbon dioxide	
		thsd.t	percent of the previous year	thsd.t	percent of the previous year
<b>Total</b>	<b>10446</b>	<b>3928,1</b>	<b>86,8</b>	<b>152809,1</b>	<b>87,7</b>
Agriculture, hunting and related services	887	61,0	112,5	566,4	93,7
Forestry and related services	129	2,0	92,3	25,1	110,1
Fishing	18	0,1	120,1	1,3	322,1
Mining	512	824,5	85,1	2264,3	93,1
mining of fuel and energy minerals	267	735,6	92,6	1983,3	97,4
mining operations apart from fuel and energy minerals	245	88,9	51,1	281,0	71,1
Manufacturing	4045	1204,0	79,7	54282,4	86,2
including					
production of foodstuffs, beverages and tobacco products	1276	31,1	92,2	2376,0	81,6
production of coke and refined petroleum products	43	88,8	96,3	5901,3	90,3
chemical and petrochemical industry	187	72,9	81,6	4993,8	66,6
production of other non-metallic mineral products	605	50,4	50,2	4219,5	76,7
metallurgy and production of finished metal products	357	926,7	80,6	34348,3	89,9
manufacture of machinery and equipment	456	8,4	65,1	439,8	66,6
Production and distribution of electricity, gas and water	770	1571,7	93,1	88447,5	90,6
Construction	755	26,5	72,8	712,3	100,5
Transport and communications	1129	203,2	89,4	5517,2	62,0
including surface transport	425	188,3	89,2	5216,9	61,0
Other types of economic activity	2201	35,1	109,4	992,6	101,2

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.13. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns**

(thsd.t)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>9439,1</b>	<b>5687,0</b>	<b>3959,4</b>	<b>4087,8</b>	<b>4151,9</b>	<b>4464,1</b>	<b>4822,2</b>	<b>4813,3</b>	<b>4524,9</b>	<b>3928,1</b>
<b>Autonomous Republic of Crimea</b>	<b>315,9</b>	<b>83,7</b>	<b>33,5</b>	<b>42,2</b>	<b>35,1</b>	<b>35,1</b>	<b>34,2</b>	<b>33,8</b>	<b>31,1</b>	<b>26,4</b>
of which										
Simferopol	12,0	4,2	2,0	1,8	1,7	2,1	1,9	2,0	1,8	2,2
Armyansk	0,1	10,1	6,1	7,4	9,8	9,7	9,7	10,1	9,4	7,3
Kerch	223,2	51,4	10,6	5,7	4,4	2,5	2,4	2,4	1,8	1,6
Krasnoperekopsk	50,1	9,0	8,6	8,7	9,9	10,8	10,0	9,3	9,8	6,9
Yalta	1,5	1,2	0,8	1,1	1,1	1,3	0,8	0,7	0,6	0,5
<b>oblasts</b>										
<b>Vinnitsya</b>	<b>180,2</b>	<b>127,0</b>	<b>80,1</b>	<b>59,4</b>	<b>76,8</b>	<b>107,4</b>	<b>135,4</b>	<b>152,4</b>	<b>130,3</b>	<b>114,3</b>
of which										
Vinnitsya city	10,7	4,6	2,1	2,2	3,2	5,1	5,0	4,8	4,2	4,3
Ladyzhyn	...	...	62,9	45,3	60,2	87,1	115,3	132,0	105,3	91,6
<b>Volyn</b>	<b>33,9</b>	<b>15,3</b>	<b>10,3</b>	<b>6,6</b>	<b>8,5</b>	<b>10,1</b>	<b>12,2</b>	<b>11,5</b>	<b>10,0</b>	<b>7,6</b>
of which										
Lutsk	6,2	2,9	2,1	1,6	1,6	1,8	1,9	1,5	1,0	0,8
Novovolynsk	...	...	2,8	0,5	0,6	0,7	0,6	0,6	0,4	0,3
Kovel	...	...	1,7	0,4	0,6	1,1	3,6	5,0	4,2	3,6
<b>Dnipropetrovsk</b>	<b>2170,1</b>	<b>1031,2</b>	<b>783,6</b>	<b>834,0</b>	<b>873,9</b>	<b>993,7</b>	<b>1101,1</b>	<b>1119,0</b>	<b>952,3</b>	<b>792,1</b>
of which										
Dnipropetrovsk city	254,1	177,1	97,3	115,5	111,1	128,8	127,1	122,8	120,3	105,6
Dnieprodzerzhynsk	268,2	84,6	105,0	128,4	127,1	126,1	128,1	120,7	110,3	110,8
Zelenodolsk	...	...	79,4	76,0	89,7	108,6	150,4	142,6	146,0	133,6
Kryviy Rih	1041,7	454,7	443,4	425,2	446,0	523,9	577,5	608,5	449,4	321,6
Nikopol	68,2	38,8	28,4	18,9	25,2	24,6	28,1	32,2	25,3	20,0
<b>Donetsk</b>	<b>2539,2</b>	<b>2136,5</b>	<b>1590,0</b>	<b>1576,8</b>	<b>1598,3</b>	<b>1638,1</b>	<b>1659,7</b>	<b>1653,4</b>	<b>1533,4</b>	<b>1299,8</b>
of which										
Donetsk city	171,0	298,7	197,9	161,1	197,5	168,9	140,0	125,9	101,7	80,3
Avdyivka	57,1	35,2	37,4	32,9	31,9	23,8	19,6	21,2	18,3	12,4
Vuhledar	...	...	23,2	19,9	34,6	31,8	33,0	30,9	28,1	27,1
Horlivka	79,4	130,6	50,4	48,1	39,7	45,6	44,2	37,4	27,9	26,5
Debaltseve	231,7	149,9	108,6	117,8	98,9	95,5	120,1	101,9	114,9	119,2
of which										
Svitlodarske	...	...	94,3	112,1	93,9	90,6	110,9	87,7	100,2	109,3
Dzerzhynsk	15,2	32,6	31,6	24,4	21,8	20,1	18,3	15,0	13,2	11,4
Dobropillya	...	...	8,6	11,9	43,8	34,1	42,8	45,2	55,4	37,1
Yenakiyeve	125,4	174,0	74,8	78,2	78,7	66,1	62,9	65,1	74,6	69,8
Zuhres	...	...	70,8	52,2	35,0	61,3	77,6	83,6	66,3	67,7
Kirovske	...	...	35,6	21,0	14,6	57,1	61,9	57,1	64,3	57,8
Kurahove	...	...	117,2	104,2	90,5	103,4	139,1	160,2	162,8	121,9
Krasnoarmiysk	...	...	21,7	39,4	39,8	38,3	41,0	29,5	33,2	18,9
Makyivka	305,2	121,2	103,7	112,3	119,4	124,8	123,5	131,5	110,1	64,8
Mariupol	610,2	340,4	340,4	401,6	418,9	425,7	397,3	421,1	359,3	283,9
Novy Svit	...	...	121,8	134,2	105,6	123,7	117,1	108,6	98,1	104,8
Novoamvrosiyske	...	...	0,6	1,8	11,0	6,7	9,4	12,4	12,4	3,5
Rayhorodok	...	...	32,4	44,0	48,4	48,9	49,2	45,0	36,5	43,8
Rodynske	...	...	20,6	38,1	38,7	37,1	40,1	28,9	32,7	18,5
Sloviansk	84,0	69,7	2,0	1,6	2,1	2,5	2,2	2,0	1,9	1,8
Khartsyzk	...	...	88,4	67,6	43,3	68,9	84,3	91,4	73,3	73,0
<b>Zhytomyr</b>	<b>84,8</b>	<b>30,6</b>	<b>12,3</b>	<b>16,0</b>	<b>19,7</b>	<b>13,4</b>	<b>15,6</b>	<b>19,2</b>	<b>19,1</b>	<b>18,6</b>
of which										
Zhytomyr city	11,1	3,7	2,1	4,2	3,3	3,0	1,9	1,8	1,7	1,5
Berdychiv	...	...	1,5	2,1	2,7	2,2	3,9	5,8	6,1	5,4
Korosten	...	...	1,2	1,0	1,0	0,8	0,8	0,6	0,6	0,6

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.13 continued

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
<b>Zakarpattia</b>	<b>38,2</b>	<b>13,2</b>	<b>7,7</b>	<b>12,5</b>	<b>9,6</b>	<b>26,6</b>	<b>25,6</b>	<b>22,9</b>	<b>23,2</b>	<b>21,4</b>
of which										
Uzhgorod	2,2	0,8	0,7	0,9	0,7	3,1	3,2	2,9	1,7	1,4
Vynohradiv	...	...	0,2	0,2	0,1	0,0	3,0	3,0	3,0	3,0
Volovets	...	...	1,0	1,6	2,1	2,0	1,8	1,8	1,6	1,1
<b>Zaporizhzhya</b>	<b>587,5</b>	<b>268,8</b>	<b>231,2</b>	<b>235,8</b>	<b>230,5</b>	<b>262,0</b>	<b>258,1</b>	<b>231,6</b>	<b>218,3</b>	<b>180,8</b>
of which										
Zaporizhzhya city	246,3	143,4	135,5	130,5	151,9	153,9	149,5	147,5	130,4	94,3
Enerhodar	273,3	101,0	80,8	91,4	66,8	98,4	98,1	75,5	80,6	79,2
<b>Ivano-Frankivsk</b>	<b>403,3</b>	<b>271,7</b>	<b>141,0</b>	<b>181,3</b>	<b>176,6</b>	<b>204,2</b>	<b>269,3</b>	<b>269,9</b>	<b>241,7</b>	<b>214,5</b>
of which										
Ivano-Frankivsk city	5,6	2,7	0,8	0,7	0,7	0,7	0,6	0,6	0,7	0,5
Burshtyn	308,1	220,0	118,9	153,5	150,1	176,5	238,5	246,1	218,3	191,2
<b>Kyiv</b>	<b>219,9</b>	<b>122,6</b>	<b>80,8</b>	<b>75,3</b>	<b>78,8</b>	<b>73,0</b>	<b>108,3</b>	<b>93,3</b>	<b>107,4</b>	<b>101,9</b>
of which										
Bohuslav	...	...	0,1	0,2	3,0	3,3	3,0	1,9	2,0	1,7
Boyarka	...	...	0,1	0,4	1,2	0,4	8,0	7,1	8,0	6,4
Bila Tserkva	25,4	5,1	3,0	2,5	2,7	2,3	2,2	1,7	2,1	3,0
Ukrayinka	...	...	64,5	58,9	59,3	53,2	74,6	65,8	79,3	76,9
Yagotyn	...	...	2,5	2,4	2,6	2,2	7,5	6,5	6,0	5,4
<b>Kirovohrad</b>	<b>171,7</b>	<b>84,3</b>	<b>44,7</b>	<b>28,8</b>	<b>29,4</b>	<b>33,0</b>	<b>22,6</b>	<b>20,2</b>	<b>14,2</b>	<b>18,2</b>
of which										
Kirovohrad	23,4	3,6	2,2	2,6	2,9	2,4	2,9	3,1	2,9	2,1
Oleksandriya	102,4	51,8	32,1	16,1	11,6	12,5	6,7	5,8	0,2	0,3
of which										
Dmytrove	...	...	23,5	12,6	8,4	9,7	5,5	5,6	0,0	0,0
<b>Luhansk</b>	<b>862,3</b>	<b>578,1</b>	<b>429,0</b>	<b>479,1</b>	<b>453,0</b>	<b>474,7</b>	<b>517,1</b>	<b>542,7</b>	<b>566,3</b>	<b>506,6</b>
of which										
Luhansk city	204,4	79,5	144,2	138,3	112,0	118,8	140,8	150,6	175,8	150,4
of which										
Schastya	...	...	140,4	132,2	104,4	112,9	131,8	140,2	168,2	145,5
Alchevsk	...	...	78,7	92,7	108,1	104,8	102,2	115,9	101,3	97,8
Krasniy Luch	31,0	41,5	20,1	15,1	16,8	16,7	14,1	19,2	25,5	7,0
Krasnodon	...	...	26,0	76,0	58,8	73,0	93,0	90,5	94,0	13,4
of which										
Sukhodilsk	...	...	9,9	49,1	23,9	40,3	55,8	58,3	66,8	12,1
Lysychansk	129,1	42,6	32,1	36,8	40,3	45,1	40,2	37,9	37,1	34,5
Perevalsk	...	...	10,7	8,9	6,6	6,1	5,9	5,8	6,5	6,5
Samsonivka	...	...	5,2	14,8	12,9	13,5	18,1	28,9	35,1	45,4
Stakhanov	76,1	45,5	19,7	21,0	26,3	29,2	26,9	28,7	26,7	18,5
<b>Lviv</b>	<b>271,9</b>	<b>124,6</b>	<b>108,6</b>	<b>96,1</b>	<b>89,9</b>	<b>95,8</b>	<b>110,6</b>	<b>110,5</b>	<b>126,4</b>	<b>121,0</b>
of which										
Lviv city	13,5	5,8	3,1	3,5	2,9	2,8	2,2	2,2	1,9	1,8
Dobrotvir	...	...	73,0	53,2	46,9	51,5	59,8	52,6	59,1	48,0
<b>Mykolayiv</b>	<b>98,6</b>	<b>34,6</b>	<b>11,4</b>	<b>15,4</b>	<b>22,2</b>	<b>24,3</b>	<b>21,2</b>	<b>22,6</b>	<b>25,8</b>	<b>24,4</b>
of which										
Mykolayiv city	38,1	15,2	5,7	6,3	6,6	6,5	6,5	6,1	7,0	9,1
Olshanske	...	...	2,3	3,6	4,7	6,0	5,9	6,9	9,7	7,0
<b>Odesa</b>	<b>129,0</b>	<b>42,9</b>	<b>23,2</b>	<b>26,4</b>	<b>29,2</b>	<b>40,5</b>	<b>42,0</b>	<b>35,8</b>	<b>34,4</b>	<b>25,9</b>
of which										
Odesa city	80,6	19,1	9,4	7,7	9,9	21,1	21,8	17,5	17,6	12,4
Berezivka	...	...	0,3	0,1	1,3	1,8	2,1	1,9	1,3	0,4
Illichivsk	...	...	1,2	0,7	0,5	1,4	2,2	1,7	0,5	1,1



NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.13 continued

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
Kotovsk	...	...	2,1	1,5	1,4	1,3	1,1	0,7	0,7	0,9
Yuzhne	...	...	2,2	2,2	2,5	2,8	2,9	2,7	2,6	2,0
<b>Poltava</b>	<b>220,7</b>	<b>126,2</b>	<b>60,4</b>	<b>68,0</b>	<b>72,4</b>	<b>68,4</b>	<b>93,1</b>	<b>100,2</b>	<b>93,4</b>	<b>82,4</b>
of which										
Poltava city	9,3	5,4	2,9	3,5	2,5	2,4	2,5	2,5	2,1	2,0
Komsomolsk	...	...	7,1	7,1	9,1	9,6	9,9	9,9	9,8	9,9
Kremenchuk	151,4	70,6	24,9	31,2	33,4	28,7	28,9	28,0	24,7	25,2
<b>Rivne</b>	<b>63,5</b>	<b>25,3</b>	<b>14,1</b>	<b>16,8</b>	<b>15,8</b>	<b>17,3</b>	<b>17,9</b>	<b>18,5</b>	<b>16,2</b>	<b>10,0</b>
of which										
Rivne city	12,0	5,1	4,2	3,9	3,5	3,3	3,9	4,4	3,5	2,1
Zdolbuniv	...	...	2,8	4,2	5,0	5,5	4,5	4,6	4,2	2,3
<b>Sumy</b>	<b>117,8</b>	<b>42,5</b>	<b>26,3</b>	<b>27,8</b>	<b>30,2</b>	<b>26,1</b>	<b>28,4</b>	<b>29,1</b>	<b>29,7</b>	<b>29,2</b>
of which										
Sumy city	20,5	6,3	8,0	7,8	8,5	8,6	8,1	9,3	9,5	9,4
Konotop	18,7	2,6	1,4	1,1	0,9	0,7	0,6	0,5	0,4	0,3
Shostka	14,1	2,6	1,4	1,5	0,6	0,5	0,3	0,4	0,4	0,4
<b>Ternopil</b>	<b>71,6</b>	<b>21,9</b>	<b>9,2</b>	<b>10,3</b>	<b>12,6</b>	<b>14,8</b>	<b>19,4</b>	<b>20,5</b>	<b>19,2</b>	<b>16,3</b>
of which										
Ternopil city	8,7	3,2	1,1	1,0	0,8	0,8	0,8	0,8	0,7	0,6
Velyki Birky	...	...	0,6	0,5	0,8	2,3	7,2	7,5	7,6	6,9
Kremenets	...	...	0,9	0,8	0,5	0,5	0,6	1,6	1,4	0,9
<b>Kharkiv</b>	<b>355,9</b>	<b>241,2</b>	<b>143,7</b>	<b>148,3</b>	<b>148,0</b>	<b>158,7</b>	<b>182,4</b>	<b>160,1</b>	<b>173,1</b>	<b>139,4</b>
of which										
Kharkiv city	52,8	50,6	20,6	10,7	6,9	6,9	6,7	6,2	6,0	4,7
Balakliya	...	...	4,6	5,9	7,0	9,1	9,1	12,1	11,7	1,1
Komsomolske	...	...	95,2	99,3	84,8	104,4	123,6	98,8	115,5	95,1
Chervoniy Donets	...	...	8,2	3,9	8,1	4,0	5,1	7,5	4,9	6,5
<b>Kherson</b>	<b>74,7</b>	<b>37,5</b>	<b>11,6</b>	<b>9,3</b>	<b>8,7</b>	<b>11,0</b>	<b>14,8</b>	<b>9,4</b>	<b>11,9</b>	<b>9,4</b>
of which										
Kherson city	51,2	24,8	8,0	6,9	6,5	9,2	13,1	7,8	10,5	8,1
<b>Khmelnyskiy</b>	<b>125,2</b>	<b>54,4</b>	<b>18,4</b>	<b>18,0</b>	<b>16,9</b>	<b>16,0</b>	<b>17,9</b>	<b>23,4</b>	<b>24,5</b>	<b>17,8</b>
of which										
Khmelnyskiy city	7,9	5,6	2,9	2,0	1,3	1,2	1,1	1,1	1,1	0,8
Humensi	...	...	2,2	5,3	6,2	7,2	7,1	12,6	14,3	8,6
Krasyliv	...	...	1,6	1,7	2,2	1,9	3,7	4,1	3,7	3,5
Slavuta	...	...	1,9	2,1	1,3	1,2	1,0	0,7	0,7	0,3
Starokostyantyniv	...	...	0,8	0,5	0,3	0,3	0,5	0,4	0,6	0,5
<b>Cherkasy</b>	<b>129,7</b>	<b>63,6</b>	<b>28,8</b>	<b>36,7</b>	<b>34,8</b>	<b>39,4</b>	<b>40,2</b>	<b>38,8</b>	<b>43,2</b>	<b>56,1</b>
of which										
Cherkasy city	31,5	22,8	16,8	20,8	17,3	21,4	19,1	18,4	19,5	31,7
Smila	...	...	1,3	1,7	1,2	1,8	1,5	0,7	0,5	0,4
Talne	...	...	0,8	0,9	1,5	2,2	2,1	1,8	1,6	0,7
<b>Chernivtsi</b>	<b>25,9</b>	<b>10,3</b>	<b>4,1</b>	<b>6,0</b>	<b>4,8</b>	<b>5,2</b>	<b>4,2</b>	<b>4,4</b>	<b>3,9</b>	<b>3,4</b>
of which										
Chernivtsi city	9,7	2,8	1,4	1,8	1,6	1,4	1,4	1,2	1,1	1,2
<b>Chernihiv</b>	<b>81,6</b>	<b>38,8</b>	<b>20,2</b>	<b>26,1</b>	<b>37,9</b>	<b>37,5</b>	<b>40,2</b>	<b>39,0</b>	<b>44,4</b>	<b>43,0</b>
of which										
Chernihiv city	29,4	9,2	8,0	13,4	17,0	12,3	13,2	13,0	18,1	19,2
Nizhyn	...	...	1,2	1,5	1,4	1,6	1,4	1,1	1,2	1,0
Olyshivka	...	...	1,3	1,5	1,3	1,6	3,4	4,3	4,5	3,6
<b>cities</b>										
<b>Kyiv</b>	<b>54,7</b>	<b>53,3</b>	<b>32,6</b>	<b>31,6</b>	<b>34,8</b>	<b>33,6</b>	<b>26,4</b>	<b>26,5</b>	<b>27,0</b>	<b>43,9</b>
<b>Sevastopol</b>	<b>11,3</b>	<b>6,9</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>	<b>4,5</b>	<b>3,7</b>

**24.14. Pollutant emissions and carbon dioxide into the atmosphere from movable sources of pollution in 2009, by region<sup>1</sup>**

(thsd.t)

	Total pollutant emissions	Including							Besides emission of carbon dioxide, mln.t
		sulfur dioxide	nitrogen peroxide	methane	carbon oxide	nitrogen oxide	soot	nonmethane volatile organic compounds	
<b>Ukraine</b>	<b>2514,8</b>	<b>27,5</b>	<b>282,9</b>	<b>8,1</b>	<b>1872,0</b>	<b>2,1</b>	<b>30,4</b>	<b>291,6</b>	<b>32,4</b>
Autonomous Republic of Crimea	111,0	0,9	11,0	0,4	84,3	0,1	1,0	13,3	1,3
<b>oblasts</b>									
Vinnitsya	80,4	1,0	9,4	0,2	59,6	0,1	1,0	9,1	1,1
Volyn	49,5	0,7	6,3	0,2	36,2	0,0	0,8	5,3	0,7
Dnipropetrovsk	197,3	2,6	23,6	0,6	144,4	0,1	2,9	23,1	2,8
Donetsk	213,5	2,3	26,0	0,6	157,8	0,2	2,3	24,2	2,6
Zhytomyr	65,5	0,6	6,7	0,2	49,7	0,1	0,7	7,5	0,8
Zakarpattia	66,2	0,7	6,9	0,2	49,8	0,0	0,9	7,7	0,8
Zaporizhzhya	99,7	1,0	10,4	0,3	75,1	0,1	1,0	11,8	1,2
Ivano-Frankivsk	57,3	0,6	6,0	0,2	43,1	0,1	0,7	6,6	0,7
Kyiv	164,8	1,7	16,6	0,5	124,5	0,1	1,8	19,6	2,4
Kirovohrad	57,6	0,7	6,7	0,2	42,7	0,0	0,7	6,6	0,8
Luhansk	85,7	0,8	8,9	0,3	64,9	0,1	0,8	9,9	1,0
Lviv	132,4	1,5	15,0	0,4	98,3	0,1	1,9	15,2	1,8
Mykolayiv	61,4	0,8	8,5	0,2	44,1	0,1	0,9	6,8	0,9
Odesa	149,3	1,8	18,7	0,5	108,6	0,2	2,1	17,3	2,0
Poltava	101,1	1,5	14,8	0,3	71,8	0,1	1,7	10,9	1,5
Rivne	42,8	0,6	5,5	0,2	31,2	0,0	0,7	4,6	0,6
Sumy	54,2	0,5	5,9	0,2	40,9	0,0	0,6	6,1	0,6
Ternopil	44,8	0,6	5,7	0,1	32,7	0,0	0,7	5,0	0,6
Kharkiv	126,7	1,2	13,4	0,4	95,7	0,1	1,3	14,6	1,5
Kherson	71,0	0,8	8,5	0,2	52,4	0,1	0,9	8,1	0,9
Khmelnyskiy	63,6	0,7	7,4	0,2	47,2	0,1	0,8	7,2	0,8
Cherkasy	77,8	0,9	8,9	0,3	57,8	0,1	0,9	8,9	1,0
Chernivtsi	39,6	0,5	4,5	0,1	29,4	0,0	0,6	4,5	0,5
Chernihiv	50,9	0,5	5,2	0,2	38,7	0,0	0,5	5,8	0,6
<b>cities</b>									
Kyiv	234,0	1,9	20,9	0,8	178,3	0,2	2,1	29,8	2,7
Sevastopol	16,7	0,1	1,5	0,1	12,8	0,0	0,1	2,1	0,2

<sup>1</sup> Including emission from road, rail, air and water transport, manufacturing techniques

**24.15. Pollutant emissions and carbon dioxide into the atmosphere from stationary sources of pollution in 2009, by region**

(thsd.t)

	Total pollutant emissions	Including							Besides emission of carbon dioxide, mln.t
		sulfur dioxide	nitrogen peroxide	methane	carbon oxide	nitrogen oxide	soot	nonmethane volatile organic compounds	
<b>Ukraine</b>	<b>3928,1</b>	<b>1235,2</b>	<b>279,2</b>	<b>840,7</b>	<b>915,5</b>	<b>5,0</b>	<b>7,3</b>	<b>66,9</b>	<b>152,8</b>
Autonomous Republic of Crimea	26,4	7,3	2,0	3,2	7,2	0,5	0,2	1,0	1,2
<b>oblasts</b>									
Vinnitsya	114,3	80,1	8,0	12,0	3,8	0,1	0,3	0,9	5,0
Volyn	7,6	0,6	0,5	4,0	1,0	0,1	0,0	0,4	0,5
Dnipropetrovsk	792,1	194,1	46,2	88,9	329,1	0,5	1,1	2,7	15,5
Donetsk	1299,8	365,1	70,8	350,6	313,3	1,5	1,3	3,3	52,8
Zhytomyr	18,6	0,6	1,7	9,9	1,6	0,2	0,2	0,9	0,9
Zakarpattia	21,4	0,1	1,6	17,2	1,3	0,1	0,2	0,2	0,4
Zaporizhzhya	180,8	62,9	24,2	2,5	69,9	0,1	0,1	2,2	13,1
Ivano-Frankivsk	214,5	160,2	13,2	12,3	3,3	0,4	0,0	2,9	7,9
Kyiv	101,9	50,3	15,2	12,3	3,4	0,2	0,2	2,2	7,8
Kirovohrad	18,2	2,2	1,7	1,6	4,8	0,1	0,2	0,9	0,8
Luhansk	506,6	131,3	27,5	156,2	125,1	0,1	0,2	11,0	10,1
Lviv	121,0	39,4	6,6	52,5	5,1	0,2	0,1	3,9	2,4
Mykolayiv	24,4	2,7	2,6	5,4	1,6	0,1	0,4	0,9	2,1
Odesa	25,9	2,1	2,5	10,9	4,3	0,0	0,1	2,5	2,3
Poltava	82,4	8,4	10,0	28,9	11,9	0,1	0,5	15,2	1,9
Rivne	10,0	1,0	2,0	0,7	2,2	0,2	0,2	0,6	0,7
Sumy	29,2	2,8	3,4	9,2	6,3	0,0	0,6	2,3	1,6
Ternopil	16,3	0,4	1,7	9,1	2,2	0,1	0,1	0,5	0,9
Kharkiv	139,4	67,2	12,8	14,8	5,8	0,1	0,4	3,3	9,8
Kherson	9,4	0,5	0,4	6,2	0,3	0,1	0,0	1,0	0,4
Khmelnyskiy	17,8	0,7	3,8	2,5	3,2	0,1	0,4	0,8	1,9
Cherkasy	56,1	17,5	8,0	12,5	2,9	0,1	0,1	1,0	2,8
Chernivtsi	3,4	0,8	0,3	0,1	0,6	0,0	0,1	0,8	0,2
Chernihiv	43,0	12,2	3,9	16,2	2,3	0,0	0,0	1,6	1,8
<b>cities</b>									
Kyiv	43,9	24,1	8,2	0,6	2,7	0,0	0,3	3,6	7,7
Sevastopol	3,7	0,6	0,4	0,4	0,3	0,0	0,0	0,3	0,3

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.16. Implementation of air protection measures in 2009**

	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>545</b>	<b>512,7</b>	<b>512,4</b>	<b>32,8</b>	<b>32,2</b>
including					
improvements to technological processes (including change overs to other types of fuels, raw materials, etc.)	104	150,1	157,1	4,8	4,5
construction and new gas-cleaning installations and facilities put into services	28	129,7	118,0	1,1	1,1
improvements to efficiency of current waste treatment facilities (including their modernisation, reconstruction, and repair)	221	100,6	104,2	3,8	3,6
liquidation of pollution sources	27	13,5	13,4	0,6	0,6
conversion of enterprises (shops, sectors) in order to produce other products	—	—	—	—	—
other measures	165	118,8	119,7	22,5	22,4

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**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	2002	2003	2004	2005	2006	2007	2008	2009
Hazardous wastes generated	2613,2	1728,8	2436,8	2420,3	2411,8	2370,9	2585,2	2301,2	1230,3
Received from other enterprises	56,4	19,0	143,0	196,8	172,3	156,1	129,9	204,6	64,9
of which from other countries	...	...	...	...	6,3	2,0	1,3	1,5	0,5
Utilize	1280,9	1310,8	802,0	689,4	811,3	790,0	995,4	894,8	794,4
Neutralized (liquidated)	95,3	390,4	382,2	150,7	123,5	120,0	75,4	56,3	47,3
of which burned off	...	...	...	...	71,4	62,1	39,6	32,2	15,8
Transferred to other enterprises	646,2	188,5	2591,7	3306,3	2382,0	1879,6	1329,3	648,4	557,6
of which to other countries	...	...	...	...	32,3	14,2	20,0	5,9	4,1
Shipped to special sites or facilities	760,6	726,9	931,7	1102,8	948,5	1057,0	990,6	1066,3	333,2
Shipped to non-organised storage sites outside the enterprises	13,2	8,5	8,1	13,4	1,8	1,9	1,4	4,8	0,8
Lost (vaporization, drain, fires, etc.)	...	...	...	...	106,6	12,7	24,2	0,5	0,5
Hazardous wastes stock at special sites or facilities and on the territory of the enterprises, mln.t	26,2	18,7	31,3	28,3	21,7	20,1	20,1	21,0	20,9
per 1 sq.km, t	43,5	31,0	51,9	47,0	35,9	33,3	33,4	34,8	34,6

**24.18. Generation of wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category, by hazard category**

(thsd.t)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>2613,2</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>	<b>2301,2</b>	<b>1230,3</b>
including									
1 <sup>st</sup> hazard category	13,9	8,5	8,9	5,9	12,6	15,0	12,8	10,7	3,8
2 <sup>nd</sup> hazard category	176,0	332,0	488,0	298,5	320,8	414,0	430,7	367,2	299,1

**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	2002	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	<b>26244,1</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>	<b>21017,2</b>	<b>20852,3</b>
including									
1 <sup>st</sup> hazard category	149,1	43,2	42,4	42,2	38,6	39,0	36,2	34,7	35,5
2 <sup>nd</sup> hazard category	1685,2	1810,9	1936,1	2043,8	1846,9	1886,2	2108,7	2164,8	2289,5

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.20. Generation of wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category, by region**

(thsd.t)

	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>2613,2</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>	<b>2301,2</b>	<b>1230,3</b>
Autonomous Republic of Crimea	67,9	58,4	80,1	110,7	126,3	180,3	216,6	219,0	211,2
<b>oblasts</b>									
Vinnitsya	0,5	2,5	0,5	0,5	4,1	8,4	5,8	4,1	2,5
Volyn	0,3	1,6	1,1	0,7	1,1	0,9	1,0	1,2	0,8
Dnipropetrovsk	980,8	298,8	250,2	309,0	296,8	303,7	403,2	306,3	241,9
Donetsk	110,7	259,0	914,1	1025,6	675,5	700,3	807,1	642,5	188,7
Zhytomyr	0,2	0,5	0,3	0,4	6,5	5,1	5,6	4,6	4,7
Zakarpattia	6,3	1,7	1,2	1,9	191,3	21,1	6,2	3,6	1,1
Zaporizhzhya	375,9	336,4	318,3	405,9	430,0	428,9	394,7	380,4	75,5
Ivano-Frankivsk	15,4	14,5	15,0	17,5	20,5	12,4	9,8	7,0	4,2
Kyiv	0,6	1,4	15,7	12,7	9,1	8,8	7,4	9,0	3,3
Kirovohrad	0,5	0,3	0,3	0,3	0,7	2,7	3,1	2,7	2,8
Luhansk	150,4	277,7	423,6	118,5	120,7	62,9	79,2	27,9	20,1
Lviv	1,1	2,5	2,2	1,1	0,8	3,7	2,9	1,4	1,5
Mykolayiv	455,2	298,3	215,5	196,2	197,3	238,1	211,5	203,0	201,0
Odesa	12,0	14,1	32,4	15,2	5,5	6,2	7,2	8,0	5,9
Poltava	39,4	12,1	22,5	34,9	70,8	108,7	145,6	183,3	63,9
Rivne	3,7	3,7	4,0	5,9	7,0	5,2	3,5	1,5	1,4
Sumy	101,6	93,6	91,6	124,5	135,7	133,6	123,8	150,3	69,1
Ternopil	0,4	0,4	0,4	0,3	0,4	0,3	0,3	0,3	11,1
Kharkiv	261,2	27,7	21,8	19,7	66,4	81,1	91,3	83,2	75,6
Kherson	1,9	6,0	7,2	2,5	18,0	27,6	28,6	30,3	32,9
Khmelnyskiy	0,2	0,4	0,3	0,3	1,0	1,2	1,8	1,7	1,0
Cherkasy	3,0	3,9	6,1	6,8	8,2	7,5	5,6	9,1	2,5
Chernivtsi	0,1	0,1	0,1	0,1	0,5	0,2	0,2	0,2	0,1
Chernihiv	18,3	8,6	7,9	5,8	9,0	12,4	9,0	9,0	1,6
<b>cities</b>									
Kyiv	4,7	3,7	3,8	3,0	7,4	8,9	13,5	10,9	5,4
Sevastopol	0,9	0,9	0,6	0,3	1,2	0,7	0,7	0,7	0,5

## 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	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ukraine</b>	<b>26244,1</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>	<b>21017,2</b>	<b>20852,3</b>
Autonomous Republic of Crimea	636,7	699,6	765,7	856,6	966,5	1129,5	1326,7	1528,7	1722,5
<b>oblasts</b>									
Vinnitsya	5,5	3,7	3,7	0,9	1,2	0,8	0,5	0,3	0,3
Volyn	0,4	1,4	0,8	0,6	0,7	0,7	1,3	1,7	1,5
Dnipropetrovsk	9114,9	3511,5	1022,9	957,7	951,3	943,4	946,3	932,3	833,2
Donetsk	2156,2	2202,6	17418,5	14171,6	7270,1	6347,6	6182,8	6515,2	6331,8
Zhytomyr	0,9	0,9	1,3	1,0	20,4	24,4	27,6	31,5	35,4
Zakarpattia	0,6	0,9	0,6	0,2	392,3	4,1	0,5	0,5	0,4
Zaporizhzhya	6002,5	6433,4	6328,7	6684,5	7477,1	7885,5	7844,1	8199,9	8259,0
Ivano-Frankivsk	640,6	50,0	51,6	50,3	48,9	51,2	55,0	56,8	64,5
Kyiv	11,1	6,8	11,1	10,4	158,4	158,6	159,8	158,7	157,7
Kirovohrad	14,8	14,8	14,7	14,7	15,2	16,0	15,2	15,3	15,3
Luhansk	3440,3	1571,5	1709,9	1741,0	1744,6	889,4	928,8	921,7	902,6
Lviv	445,8	344,7	344,6	277,0	240,5	238,9	238,8	237,6	189,6
Mykolayiv	1933,8	1290,1	942,8	829,1	679,8	543,4	455,8	413,8	325,2
Odesa	166,8	889,9	920,2	932,9	1,9	2,5	1,5	1,2	1,2
Poltava	23,0	15,0	18,6	37,8	3,7	9,4	11,5	14,6	15,5
Rivne	4,6	7,5	8,3	9,3	9,9	10,4	12,3	12,5	12,6
Sumy	1245,2	1425,2	1497,7	1597,7	1661,4	1753,1	1812,0	1850,8	1855,6
Ternopil	0,3	0,5	0,5	0,2	0,1	0,1	0,2	0,1	0,1
Kharkiv	65,6	65,7	68,5	5,4	8,8	90,8	95,0	103,4	110,4
Kherson	149,5	10,6	8,9	6,4	6,8	6,9	6,8	10,6	9,0
Khmelnyskiy	2,4	2,6	2,5	2,4	2,0	2,0	2,0	2,3	2,1
Cherkasy	7,2	3,1	1,1	1,0	2,1	2,8	1,0	2,0	1,6
Chernivtsi	0,2	0,2	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Chernihiv	3,3	5,2	5,9	5,1	6,6	6,5	3,1	2,6	3,3
<b>cities</b>									
Kyiv	171,4	170,2	154,3	154,6	3,1	2,9	2,8	2,8	1,6
Sevastopol	0,5	0,9	0,5	0,5	0,5	0,5	0,3	0,2	0,2

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

USE OF ENVIRONMENT, ECONOMIC INDICATORS

24.22. Capital investment and current costs for environmental protection

	1996	2000	2002	2003	2004	2005	2006	2007	2008	2009
Costs for environmental protection, mln. UAH	2698,5	3224,3	3827,3	4508,9	5987,7	7089,2	7366,6	9691,0	12176,0	11073,5
including capital investment	520,6	605,9	759,8	1146,9	1835,5	1775,6	2194,2	3080,7	3731,4	3040,7
of which capital repair of environmental facilities	232,0	233,3	241,3	282,6	352,3	312,3	354,7	517,0	809,4	554,2
current costs	2177,9	2618,4	3080,1	3362,0	4152,2	5313,6	5172,4	6610,3	8444,6	8032,8
Costs index for environmental protection, % of the previous year	...	119,5	104,1	117,8	132,8	118,4	103,9	131,6	125,6	90,9
Share of costs for environmental protection out of the Central budget funds, %										
capital investment	7,5	7,9	11,8	29,1	12,9	8,5	10,3	9,7	19,0	20,5
current costs	1,3	1,3	2,0	2,0	2,1	2,1	1,8	2,2	2,4	4,1

24.23. Structure of capital investment for environmental protection, by purpose

(percent)

	1996	2000	2002	2003	2004	2005	2006	2007	2008	2009
<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>
By purpose										
air protection and climate	22,2	17,0	22,2	23,5	38,6	30,6	37,7	44,8	39,6	41,9
purification of waste waters <sup>1</sup>	50,9	52,3	46,2	47,4	41,4	41,4	30,5	26,3	24,8	29,0
waste treatment	14,8	2,8	4,3	6,0	6,1	10,5	16,9	12,6	11,3	13,2
protection and restoration of soils, surface and subsurface water	11,3	26,6	25,4	17,9	12,4	16,3	11,6	12,8	21,1	13,2
noise and vibration reduction	...	...	...	...	...	...	1,8	2,4	1,8	0,8
conservancy of biological diversity and habitat	0,3	0,5	0,3	0,6	0,7	0,6	0,3	0,6	0,9	1,1
radiation safety	...	...	...	...	...	...	0,2	0,0	0,2	0,2
researches on environmental protection	...	...	...	...	...	...	0,1	0,1	0,1	0,3
other purposes of environmental protection activity	0,5	0,8	1,6	4,6	0,8	0,6	0,9	0,4	0,2	0,3

<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	2002	2003	2004	2005	2006	2007	2008	2009
<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>
By purpose										
air protection and climate	20,1	13,4	13,5	13,2	14,6	16,5	14,4	17,3	16,0	12,9
purification of waste waters <sup>1</sup>	53,5	65,5	63,0	62,3	56,6	54,8	50,4	46,8	47,2	53,6
waste treatment	21,3	10,6	13,1	14,2	18,0	17,4	24,9	26,8	27,4	24,0
protection and restoration of soils, surface and subsurface water	4,1	8,8	7,8	7,3	7,5	8,2	3,0	3,4	3,4	3,0
noise and vibration reduction	...	...	...	...	...	...	0,2	0,0	0,3	0,0
conservancy of biological diversity and habitat	0,8	1,1	1,6	2,1	2,6	2,5	1,5	1,8	2,1	2,4
radiation safety	...	...	...	...	...	...	3,3	1,1	0,9	1,2
researches on environmental protection	...	...	...	...	...	...	0,4	0,5	0,6	0,6
other purposes of environmental protection activity	0,2	0,6	1,0	0,9	0,7	0,6	1,9	2,3	2,1	2,3

<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	2002	2003	2004	2005	2006	2007	2008	2009
Sewage treatment facilities, thsd.cub.m per 24 hours (water-borne wastes)	343	131	74	33	56	171	37	225	86	414	31
including											
for industrial effluent	159	20	22	10	39	8	7	150	24	4	5
for municipal sewage	177	111	52	22	17	163	30	75	62	410	26
Reused water supply and waste systems, thsd.cub.m per 24 hours (reused water)	379	8693	20	27	4	0,1	24	6	—	2	1
Absorption gas traps, thsd.cub.m per hour	3710	1090	916	1205	158	2137	670	2740	1910	—	184
Enterprises and grounds for recycling, neutralization and disposal of toxic industrial, household and other waste, thsd.t	—	7	56	45	—	2	375	51	325	—	3

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**24.26. Ecological payments**

(mln. UAH)

	1996	2000	2002	2003	2004	2005	2006	2007	2008	2009
Duties presented to enterprises, organisations, establishment for environmental pollution	340,5	228,8	221,9	265,0	330,6	374,6	863,5	955,7	1065,3	1198,7
including										
for emissions into the air from stationary sources	264,9	112,8	107,0	120,6	160,2	189,3	453,5	501,5	563,1	634,6
for emissions into the air from mobile sources	2,3	12,5	13,2	15,8	23,5	23,9	48,4	57,2	64,0	67,6
for pollutant emissions directly into waters	30,8	29,9	25,4	29,2	36,8	38,4	69,8	75,0	69,7	88,0
for waste disposal	42,5	73,6	76,3	99,4	110,1	123,0	291,8	322,0	368,5	408,5
Claims for damages caused to nature and fines imposed for infringement of environmental legislation	12,7	5,6	4,3	7,2	9,3	5,2	7,9	24,6	6,1	10,9
Share of the paid ecological duties in the total, percent	18,3	36,2	68,6	86,0	88,7	97,6	85,4	102,7	97,8	92,4

## 25. INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES<sup>1</sup>

### 25.1. Population

(on average per year; mln.)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Countries of the Commonwealth of Independent States (CIS)</b>											
Azerbaijan	7,7	8,0	8,1	8,2	8,3	8,3	8,5	8,6	8,7	8,8	8,9
Belarus	10,2	10,0	10,0	9,9	9,9	9,8	9,8	9,7	9,7	9,7	...
Armenia	3,3	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,3
Kazakhstan	15,8	14,9	14,9	14,9	14,9	15,0	15,1	15,3	15,5	15,7	...
Kyrgyzstan	4,6	4,9	4,9	5,0	5,0	5,1	5,1	5,2	5,2	5,3	...
Moldova, Republic of <sup>2</sup>	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Russian Federation	148,4	146,6	146,0	145,3	144,6	143,8	143,1	142,5	142,1	142,0	...
Tajikistan	5,8	6,2	6,3	6,4	6,6	6,7	6,9	7,0	7,1	7,3	...
Uzbekistan	22,9	24,8	25,1	25,4	25,7	26,0	26,3	26,6	26,9	27,2	27,5
<b>Ukraine</b>	<b>51,1</b>	<b>48,9</b>	<b>48,4</b>	<b>48,0</b>	<b>47,6</b>	<b>47,3</b>	<b>46,9</b>	<b>46,6</b>	<b>46,3</b>	<b>46,1</b>	<b>45,9</b>
<b>Other countries of the World</b>											
Austria	7,9	8,0	8,0	8,1	8,1	8,2	8,2	8,3	8,3	8,3	8,4
Albania	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,2
Belgium	10,1	10,2	10,3	10,3	10,4	10,4	10,5	10,5	10,6	10,7	10,8
Bulgaria	8,3	8,0	7,9	7,9	7,8	7,8	7,7	7,7	7,6	7,6	7,6
Bosnia and Herzegovina	...	4,2	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3	...
Greece	10,6	10,9	11,0	11,0	11,0	11,1	11,1	11,1	11,2	11,2	11,3
Georgia <sup>3</sup>	4,7	4,4	4,4	4,4	4,3	4,3	4,4	4,4	4,4	4,4	...
Denmark	5,2	5,3	5,4	5,4	5,4	5,4	5,4	5,4	5,5	5,5	5,5
Estonia	1,4	1,4	1,4	1,4	1,4	1,4	1,3	1,3	1,3	1,3	1,3
Israel	5,5	6,3	6,4	6,6	6,7	6,8	6,9	7,1	7,2	7,3	...
Ireland	3,6	3,8	3,9	3,9	4,0	4,1	4,2	4,3	4,4	4,4	4,5
Iceland	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Spain	39,4	40,3	40,7	41,3	42,0	42,7	43,4	44,1	44,9	45,6	46,2

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.1 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Italy	56,8	56,9	57,0	57,2	57,6	58,2	58,6	58,9	59,4	59,8	60,3
Canada	29,3	30,7	31,0	31,4	31,6	31,9	32,2	32,6	32,9	33,3	33,7
Cyprus	0,7	0,7	0,7	0,7	0,7	0,7	0,8	0,8	0,8	0,8	0,8
Latvia	2,5	2,4	2,4	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3
Lithuania	3,6	3,5	3,5	3,5	3,5	3,4	3,4	3,4	3,4	3,4	3,3
Luxemburg	0,4	0,4	0,4	0,4	0,5	0,5	0,5	0,5	0,5	0,5	0,5
Malta	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Netherlands	15,5	15,9	16,0	16,1	16,3	16,3	16,3	16,4	16,4	16,4	16,5
Germany	81,7	82,2	82,3	82,5	82,5	82,5	82,5	82,4	82,3	82,1	81,9
Norway	4,4	4,5	4,5	4,5	4,6	4,6	4,6	4,7	4,7	4,8	4,8
Poland	38,3	38,3	38,3	38,2	38,2	38,2	38,2	38,1	38,1	38,1	38,1
Portugal	10,0	10,2	10,3	10,4	10,4	10,5	10,5	10,6	10,6	10,6	10,6
Romania	22,7	22,1	22,0	21,9	21,8	21,7	21,6	21,5	21,5	21,4	21,3
Serbia	...	7,7	7,7	7,5	7,5	7,5	7,4	7,4	7,4	7,4	...
Slovakia	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4
Slovenia	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
United Kingdom	58,0	58,9	59,1	59,3	59,6	59,8	60,2	60,6	61,0	61,4	61,8
USA	266,6	282,4	285,3	288,1	290,8	293,5	296,2	299,1	302,0	304,8	307,5
Turkey	59,8	64,3	65,1	66,0	66,9	67,7	68,6	69,4	70,3	71,1	72,5
Hungary	10,2	10,1	10,2	10,2	10,1	10,1	10,1	10,1	10,1	10,0	10,0
Finland	5,1	5,2	5,2	5,2	5,2	5,2	5,2	5,3	5,3	5,3	5,3
France	59,4	60,7	61,2	61,6	62,0	62,5	63,0	63,4	63,8	64,1	64,5
Croatia	4,7	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4
Czech Republic	10,3	10,3	10,2	10,2	10,2	10,2	10,2	10,3	10,3	10,4	10,5
Switzerland	7,0	7,2	7,2	7,3	7,3	7,4	7,4	7,5	7,6	7,6	7,7
Sweden	8,8	8,9	8,9	8,9	9,0	9,0	9,0	9,1	9,1	9,3	9,3

<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> Without left bank of the river Dnister and territory of Bendery town

<sup>3</sup> Excluding data for Abkhazia and South Ossetia

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.2. Crude birth rate***(total number of births per 1000 population)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>CIS countries</b>											
Azerbaijan	25,9	18,9	14,8	13,8	13,8	14,0	16,1	17,2	17,8	18,0	17,8
Belarus	14,0	9,9	9,4	9,2	8,9	9,0	9,1	9,2	9,9	10,7	11,1
Armenia	22,5	13,0	10,6	10,0	10,1	11,2	11,7	11,7	11,7	12,4	12,7
Kazakhstan	22,3	17,5	14,9	14,9	15,3	16,6	18,2	18,4	19,7	20,8	22,7
Kyrgyzstan	29,1	25,6	19,7	19,8	20,2	20,9	21,6	21,4	23,3	23,5	24,1
Moldova, Republic of <sup>1</sup>	17,7	13,0	10,2	10,0	9,9	10,1	10,6	10,5	10,5	10,6	10,9
Russian Federation	13,4	9,3	8,7	9,0	9,7	10,2	10,4	10,2	10,4	11,3	12,1
Tajikistan	38,8	33,6	27,0	27,2	27,3	27,1	26,8	26,4	26,7	28,0	27,9
Uzbekistan	33,7	29,3	21,3	20,4	21,0	19,8	20,8	20,3	20,9	22,4	...
<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>10,2</b>	<b>11,0</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	12,9	13,5	14,2
Austria	11,6	11,0	9,8	9,4	9,7	9,5	9,7	9,5	9,4	9,2	9,3
Belgium	12,6	11,4	11,2	11,1	10,8	10,8	11,1	11,3	11,5	11,4	11,7
Bulgaria	12,1	8,6	9,0	8,5	8,5	8,6	9,0	9,2	9,6	9,8	10,2
Greece	10,2	9,7	9,5	9,3	9,4	9,5	9,6	9,7	10,0	10,0	10,3
Georgia <sup>2</sup>	17,1	11,9	11,0	10,8	10,7	10,7	11,5	10,7	12,9	11,2	12,9
Denmark	12,3	13,3	12,6	12,2	11,9	12,0	12,0	11,9	12,0	11,7	11,8
Estonia	14,2	9,1	9,5	9,3	9,6	9,6	10,4	10,7	11,1	11,8	12,0
Israel	22,2	21,1	21,7	21,2	21,2	21,7	21,3	20,8	21,0	21,1	...
India	30,2	28,3	26,4	23,8	25,0	24,8	24,1	23,8	23,5	23,1	...
Ireland	15,1	13,5	14,4	15,0	15,4	15,4	15,2	14,7	15,1	16,2	16,9
Spain	10,2	9,1	9,9	10,0	10,1	10,5	10,6	10,7	10,9	11,0	11,4

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.2 continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Italy	9,8	9,2	9,5	9,4	9,4	9,4	9,7	9,5	9,5	9,5	9,6
Canada	15,2	12,8	10,7	10,8	10,5	10,5	10,4	10,5	10,7	...	...
China	21,1	17,1	14,0	13,4	12,9	12,4	12,3	12,4	12,1	12,1	...
Latvia	14,2	8,7	8,5	8,3	8,6	9,0	8,8	9,3	9,7	10,2	10,6
Lithuania	15,4	11,4	9,8	9,1	8,7	8,9	8,9	8,9	9,2	9,6	10,4
Luxemburg	13,0	13,2	13,1	12,4	12,0	11,7	11,9	11,5	11,7	11,4	11,5
Netherlands	13,3	12,3	13,0	12,6	12,5	12,3	11,9	11,5	11,3	11,1	11,2
Germany	11,4	9,4	9,3	8,9	8,7	8,6	8,6	8,3	8,2	8,3	8,2
New Zealand	17,9	15,8	14,7	14,4	13,7	14,0	14,3	14,1	14,1	15,2	15,1
Poland	14,4	11,2	9,9	9,6	9,3	9,2	9,3	9,5	9,8	10,2	10,9
Portugal	11,8	10,8	11,7	11,0	11,0	10,8	10,4	10,4	10,0	9,7	9,8
Romania	13,6	10,4	10,7	10,1	9,7	9,8	10,0	10,2	10,2	10,0	10,3
Slovakia	15,1	11,5	10,2	9,5	9,5	9,6	10,0	10,1	10,0	10,1	10,6
United Kingdom	13,9	12,5	11,5	11,3	11,3	11,7	12,0	12,0	12,4	12,7	12,9
USA	16,7	14,8	14,4	14,1	14,0	14,1	14,0	14,0	14,2	14,2	...
Turkey	27,7	22,6	20,2	19,9	19,7	21,1	19,1	18,9	18,7	19,4	17,9
Hungary	12,1	11,0	9,6	9,5	9,5	9,3	9,4	9,7	9,9	9,7	9,9
Finland	13,1	12,3	11,0	10,8	10,7	10,9	11,0	11,0	11,2	11,1	11,2
France	13,5	12,5	13,3	13,1	12,9	12,8	12,8	12,9	13,1	12,9	13,0
Czech Republic	12,6	9,3	8,8	8,9	9,1	9,2	9,6	10,0	10,3	11,1	11,5
Switzerland	12,5	11,7	10,9	10,0	9,9	9,8	9,9	9,8	9,8	9,9	10,1
Sweden	14,5	11,7	10,2	10,3	10,7	11,1	11,2	11,2	11,7	11,7	11,9
Japan	9,9	9,5	9,4	9,2	9,1	8,9	8,8	8,3	8,6	8,6	...

<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

**25.3. Crude death rate***(total number of deaths per 1000 population)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>CIS countries</b>											
Azerbaijan	6,1	6,7	5,9	5,7	5,8	6,0	6,1	6,3	6,2	6,3	6,2
Belarus	10,8	13,1	13,5	14,1	14,8	14,5	14,3	14,5	14,2	13,7	13,8
Armenia	6,2	6,6	7,5	7,5	8,0	8,1	8,0	8,2	8,5	8,3	8,5
Kazakhstan	7,9	10,7	10,1	10,0	10,1	10,4	10,1	10,4	10,3	10,2	9,7
Kyrgyzstan	6,9	8,0	6,9	6,6	7,1	7,1	6,9	7,2	7,4	7,3	7,1
Moldova, Republic of <sup>1</sup>	9,7	12,2	11,3	11,0	11,6	11,9	11,6	12,4	12,0	12,0	11,8
Russian Federation	11,2	15,0	15,3	15,6	16,2	16,4	16,0	16,1	15,2	14,6	14,6
Tajikistan	6,2	6,1	4,7	5,1	4,8	5,1	4,4	4,6	4,6	4,7	4,4
Uzbekistan	6,1	6,4	5,5	5,3	5,4	5,3	5,0	5,4	5,3	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>16,4</b>	<b>16,3</b>
<b>Other countries of the World</b>											
Australia	7,0	6,9	6,7	6,6	6,8	6,6	6,6	6,4	6,5	6,6	6,6
Austria	10,6	10,1	9,6	9,3	9,4	9,5	9,1	9,1	9,0	9,0	9,0
Belgium	10,6	10,2	10,2	10,1	10,2	10,3	9,8	9,9	9,6	9,5	9,5
Bulgaria	12,5	13,6	14,1	14,0	14,3	14,3	14,2	14,6	14,7	14,8	14,5
Greece	9,3	9,6	9,6	9,4	9,5	9,6	9,5	9,5	9,5	9,8	9,5
Georgia <sup>2</sup>	8,4	7,8	10,7	10,5	10,7	10,6	11,3	9,9	9,6	9,4	9,8
Denmark	11,9	12,1	10,9	10,9	10,9	10,7	10,3	10,1	10,2	10,2	9,9
Estonia	12,4	14,1	13,4	13,6	13,5	13,4	13,1	12,9	12,9	13,0	12,4
Israel	6,2	6,4	6,0	5,8	5,8	5,7	5,5	5,6	5,5	5,5	...
India	9,7	9,0	9,0	8,4	8,1	8,0	7,5	7,6	7,5	7,4	...
Ireland	9,1	9,0	8,2	7,8	7,5	7,2	6,9	6,6	6,4	6,4	6,4
Spain	8,5	8,8	9,0	8,8	8,9	9,2	8,7	8,9	8,4	8,6	8,5

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.3 continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Italy	9,4	9,7	9,8	9,7	9,7	10,2	9,4	10,0	9,5	9,7	9,7
Canada	7,2	7,1	7,5	7,4	7,5	7,4	7,3	7,3	7,1	...	...
China	6,7	6,6	7,6	7,0	6,4	6,0	6,4	6,5	6,8	6,9	...
Latvia	13,1	15,7	13,6	14,0	13,9	13,9	13,8	14,2	14,5	14,5	13,7
Lithuania	10,8	12,5	11,1	11,6	11,8	11,9	12,0	12,8	13,2	13,5	13,1
Luxemburg	10,1	9,3	8,6	8,4	8,4	9,0	7,8	7,9	8,0	8,1	7,4
Netherlands	8,6	8,8	8,8	8,7	8,8	8,7	8,4	8,4	8,3	8,1	8,2
Germany	11,5	10,8	10,2	10,1	10,2	10,3	9,9	10,1	10,0	10,1	10,3
New Zealand	7,9	7,6	6,9	7,2	7,1	7,0	7,0	6,6	6,7	6,8	6,8
Poland	10,3	10,0	9,6	9,5	9,4	9,6	9,5	9,6	9,7	9,9	10,0
Portugal	10,4	10,5	10,3	10,2	10,2	10,4	9,7	10,2	9,6	9,8	9,8
Romania	10,6	12,0	11,4	11,7	12,4	12,3	11,9	12,1	12,0	11,7	11,8
Slovakia	10,3	9,8	9,8	9,7	9,6	9,7	9,6	9,9	9,9	10,0	9,8
United Kingdom	11,2	10,9	10,3	10,2	10,2	10,3	9,7	9,7	9,4	9,4	9,4
USA	8,6	8,8	8,5	8,5	8,5	8,4	8,2	8,3	8,1	8,1	...
Turkey	7,8	6,6	6,2	6,2	6,2	6,2	6,2	6,2	6,3	6,6	6,4
Hungary	14,0	14,2	13,3	13,0	13,1	13,4	13,1	13,5	13,1	13,2	12,9
Finland	10,0	9,6	9,5	9,4	9,5	9,4	9,1	9,1	9,1	9,3	9,2
France	9,3	9,1	8,9	8,8	8,9	9,1	8,3	8,6	8,3	8,3	8,5
Czech Republic	12,5	11,4	10,6	10,5	10,6	10,9	10,5	10,5	10,2	10,1	10,1
Switzerland	9,5	9,0	8,7	8,5	8,5	8,6	8,1	8,2	8,1	8,1	8,1
Sweden	11,1	11,0	10,5	10,5	10,6	10,4	10,1	10,2	10,0	10,0	9,9
Japan	6,7	7,4	7,6	7,6	7,7	8,0	8,1	8,5	8,5	8,8	...

<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	2007	2008
<b>CIS countries</b>											
Azerbaijan	19,8	12,2	8,9	8,1	8,0	8,0	10,0	10,9	11,6	11,7	11,6
Belarus	3,2	-3,2	-4,1	-4,9	-5,9	-5,5	-5,2	-5,3	-4,3	-3,0	-2,7
Armenia	16,3	6,4	3,1	2,5	2,1	3,1	3,7	3,5	3,2	4,1	4,2
Kazakhstan	14,4	6,8	4,8	4,9	5,2	6,2	8,1	8,0	9,4	10,6	13,0
Kyrgyzstan	22,2	17,6	12,8	13,2	13,1	13,8	14,7	14,2	15,9	16,2	17,0
Moldova, Republic of <sup>1</sup>	8,0	0,8	-1,1	-1,0	-1,7	-1,8	-1,0	-1,9	-1,5	-1,6	-0,9
Russian Federation	2,2	-5,7	-6,6	-6,6	-6,5	-6,2	-5,6	-5,9	-4,8	-3,3	-2,5
Tajikistan	32,6	27,5	22,3	22,1	22,5	22,0	22,4	21,8	22,1	23,3	23,5
Uzbekistan	27,6	23,4	15,8	15,1	15,6	14,5	15,8	14,9	15,6	17,2	...
<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>-6,2</b>	<b>-5,3</b>
<b>Other countries of the World</b>											
Australia	8,4	7,3	6,3	6,1	6,0	5,9	6,1	6,5	7,0	7,6	7,6
Austria	1,0	0,9	0,2	0,1	0,3	0,0	0,6	0,4	0,4	0,2	0,3
Belgium	2,0	1,2	1,0	1,0	0,6	0,5	1,3	1,4	1,9	1,9	2,2
Bulgaria	-0,4	-5,0	-5,1	-5,5	-5,9	-5,7	-5,2	-5,4	-5,1	-5,0	-4,3
Greece	0,9	0,1	-0,1	-0,1	-0,1	-0,1	0,1	0,2	0,5	0,2	0,8
Georgia <sup>2</sup>	7,8	1,5	0,3	0,3	0,0	0,1	0,2	0,8	1,3	1,8	3,1
Denmark	0,4	1,2	1,7	1,3	1,0	1,3	1,7	1,8	1,8	1,5	1,9
Estonia	1,8	-5,0	-3,9	-4,3	-3,9	-3,8	-2,7	-2,2	-1,8	-1,2	-0,4
Israel	16,0	14,7	15,7	15,4	15,4	15,9	15,7	15,2	15,5	15,6	...
India	20,5	19,3	17,4	15,4	16,9	16,8	16,6	16,2	16,0	15,7	...
Ireland	6,0	4,5	6,2	7,2	7,9	8,2	8,2	8,1	8,7	9,8	10,5
Spain	1,7	0,3	0,9	1,2	1,2	1,3	1,9	1,8	2,5	2,4	2,9

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.4 continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008
Italy	0,4	-0,5	-0,3	-0,3	-0,3	-0,8	0,3	-0,5	0,0	-0,2	-0,1
Canada	8,0	5,7	3,2	3,4	3,0	3,1	3,1	3,2	3,6	...	...
China	14,4	10,5	6,4	6,4	6,5	6,4	5,9	5,9	5,3	5,2	...
Latvia	1,1	-7,0	-5,1	-5,7	-5,3	-4,9	-5,0	-4,9	-4,8	-4,3	-3,1
Lithuania	4,6	-1,1	-1,3	-2,5	-3,1	-3,0	-3,1	-3,9	-4,0	-3,9	-2,7
Luxemburg	2,9	3,9	4,5	4,0	3,6	2,8	4,1	3,7	3,7	3,3	4,1
Netherlands	4,7	3,5	4,2	3,9	3,7	3,6	3,5	3,1	3,0	3,0	3,0
Germany	-0,1	-1,4	-0,9	-1,2	-1,5	-1,7	-1,3	-1,8	-1,8	-1,8	-2,1
New Zealand	10,0	8,2	7,8	7,2	6,6	7,0	7,3	7,5	7,4	8,4	8,3
Poland	4,1	1,2	0,3	0,1	-0,1	-0,4	-0,2	-0,1	0,1	0,3	0,9
Portugal	1,4	0,3	1,4	0,8	0,8	0,4	0,7	0,2	0,4	-0,1	0,0
Romania	3,0	-1,6	-0,7	-1,6	-2,7	-2,5	-1,9	-1,9	-1,8	-1,7	-1,5
Slovakia	4,8	1,7	0,4	-0,2	-0,1	-0,1	0,4	0,2	0,1	0,1	0,8
United Kingdom	2,7	1,6	1,2	1,1	1,1	1,4	2,3	2,3	3,0	3,3	3,5
USA	8,1	6,0	5,9	5,6	5,5	5,7	5,8	5,7	6,1	6,1	...
Turkey	19,9	16,0	14,0	13,7	13,5	13,2	12,9	12,7	12,4	12,8	11,5
Hungary	-1,9	-3,2	-3,7	-3,5	-3,6	-4,1	-3,7	-3,8	-3,2	-3,5	-3,0
Finland	3,1	2,7	1,5	1,4	1,2	1,5	1,9	1,9	2,1	1,8	2,0
France	4,2	3,4	4,4	4,4	4,0	3,7	4,5	4,3	4,8	4,6	4,5
Czech Republic	0,1	-2,1	-1,8	-1,6	-1,5	-1,7	-0,9	-0,5	0,1	1,0	1,4
Switzerland	3,0	2,7	2,2	1,5	1,4	1,2	1,8	1,6	1,7	1,8	2,0
Sweden	3,4	0,7	-0,3	-0,2	0,1	0,7	1,1	1,0	1,7	1,7	2,0
Japan	3,2	2,1	1,8	1,6	1,4	0,9	0,6	-0,2	0,1	-0,2	...

<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		2003		2004		2005		2006		2007		2008	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<b>CIS countries</b>														
Azerbaijan	68,6	75,1	69,5	75,1	69,6	75,2	69,6	75,1	70,1	75,4	69,7	75,1	69,9	75,4
Belarus	63,4	74,7	62,7	74,7	63,2	75,0	62,9	75,1	63,6	75,5	64,5	76,2	64,7	76,5
Armenia	70,1	75,8	69,9	75,8	70,3	76,4	70,3	76,5	69,7	76,0	70,3	76,7	...	...
Kazakhstan	60,2	71,6	60,6	71,5	60,7	72,0	60,4	71,7	60,7	72,0	60,8	72,3	61,9	72,5
Kyrgyzstan	63,8	72,0	64,1	71,9	64,5	72,3	63,8	71,8	63,5	71,7	...	...	...	...
Moldova, Republic of <sup>1</sup>	64,0	71,4	64,4	71,7	64,6	72,5	63,8	71,7	64,6	72,4	65,2	72,7	65,5	73,3
Russian Federation	59,2	72,4	58,7	71,9	59,1	72,4	59,0	72,4	60,5	73,3	61,4	73,9	...	...
Tajikistan	66,1	70,3	67,9	72,3	68,6	73,4	68,1	73,2	69,3	74,4	69,4	74,0	69,7	74,8
Turkmenistan	64,9	71,8	65,8	72,4	66,1	72,2	65,8	72,7	66,2	72,9	...	...	...	...
Uzbekistan	68,9	73,6	69,2	73,6	69,6	74,1	70,2	74,9	70,3	75,0	70,5	75,1	...	...
<b>Ukraine<sup>2</sup></b>	<b>62,8</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>62,5</b>	<b>74,3</b>	<b>63,8</b>	<b>74,9</b>
<b>Other countries of the World</b>														
Austria	75,2	81,2	75,9	81,5	76,4	82,1	76,6	82,2	77,2	82,8	77,4	83,1	77,8	83,3
Albania	72,1	78,6	72,1	78,6	72,1	78,6	72,1	78,6	73,9	78,0	...	...	72,9	77,8
Belgium	74,6	81,0	75,3	81,1	76,0	81,9	76,2	81,8	76,6	82,3	77,1	82,6	...	...
Bulgaria	68,4	75,0	68,9	75,9	69,0	76,2	69,0	76,2	69,2	76,3	69,5	76,6	69,8	77,0
Greece	75,4	80,6	76,4	81,2	76,6	81,3	76,8	81,6	77,2	81,9	77,1	81,8	77,7	82,4
Georgia <sup>3</sup>	67,5	75,0	68,7	75,3	67,9	75,1	70,0	77,6	69,8	78,4	70,5	79,4	69,3	79,0
Denmark	74,5	79,2	75,0	79,8	75,4	80,2	76,0	80,5	76,1	80,7	76,2	80,6	76,5	81,0
Estonia	65,2	76,2	66,1	77,1	66,4	77,8	67,3	78,1	67,4	78,6	67,2	78,8	68,7	79,5
Israel	76,7	81,1	77,6	81,7	78,0	82,2	78,2	82,1	78,7	82,5	78,7	82,5	...	...
Ireland	74,0	79,2	75,9	80,8	76,4	81,4	77,3	81,7	77,4	82,2	77,4	82,1	77,5	82,3
Iceland	77,8	81,6	79,5	82,5	78,9	83,2	79,6	83,5	79,5	82,9	79,6	83,4	80,0	83,2
Spain	75,8	82,9	76,3	83,0	76,9	83,7	77,0	83,7	77,7	84,4	77,8	84,3	78,0	84,3
Italy	76,9	82,8	77,1	82,8	77,9	83,8	78,0	83,6	78,5	84,2	78,7	84,2	...	...
Canada	76,7	81,9	77,4	82,4	77,8	82,6	78,0	82,7	78,4	83,0	...	...	...	...
Cyprus	75,3	80,4	76,9	81,2	76,6	81,9	76,8	80,9	78,4	82,2	77,9	82,2	78,4	83,1
Latvia	64,9	76,1	65,7	76,0	66,0	76,3	65,4	76,6	65,4	76,4	65,8	76,5	...	...

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.5 continued

	2000		2003		2004		2005		2006		2007		2008	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Lithuania	66,8	77,5	66,4	77,7	66,3	77,7	65,4	77,4	65,3	77,1	64,9	77,3	66,4	77,7
Luxemburg	74,6	81,3	74,8	80,8	76,0	82,4	76,7	82,3	76,8	81,9	76,7	82,2	71,8	83,1
Macedonia, the former Yugoslav Republic of	70,8	75,2	70,9	75,7	71,5	75,8	71,6	75,9	71,7	76,2	71,8	75,8	72,4	76,5
Malta	76,2	80,3	76,4	80,8	77,4	81,2	77,2	81,4	77,0	81,9	77,5	82,2	77,1	82,3
Netherlands	75,6	80,8	76,4	81,1	77,0	81,6	77,4	81,8	77,8	82,1	78,2	82,6	...	...
Germany	75,1	81,2	75,8	81,3	76,5	81,9	76,7	82,0	77,2	82,4	77,4	82,7	77,6	82,7
Norway	76,0	81,5	77,1	82,1	77,6	82,6	77,8	82,7	78,2	82,9	78,3	82,9	78,4	83,2
Poland	69,6	78,1	70,5	78,9	70,7	79,3	70,8	79,4	71,0	79,8	71,0	79,9	...	...
Portugal	73,2	80,2	74,2	80,6	75,0	81,5	74,9	81,3	75,5	82,3	75,9	82,2	76,2	82,4
Romania	67,8	74,8	67,7	75,1	68,3	75,6	68,8	75,8	69,2	76,2	69,7	76,9	69,8	77,3
Serbia	69,5	75,1	69,9	75,1	69,9	75,4	70,0	75,4	70,6	75,9	70,7	76,1	71,0	76,2
Slovakia	69,2	77,5	69,8	77,7	70,3	78,0	70,2	78,1	70,4	78,4	70,6	78,4	70,8	79,0
Slovenia	72,2	79,9	72,5	80,2	73,5	80,8	73,9	80,9	74,4	82,0	74,6	82,0	75,5	82,6
United Kingdom	75,6	80,4	76,2	80,6	76,8	81,2	77,1	81,4	77,4	81,8	77,7	81,9	...	...
USA	74,1	79,3	74,5	79,6	74,9	79,9	74,9	79,9	75,1	80,2	75,4	80,4	...	...
Turkey	68,1	72,8	68,6	73,4	68,8	73,6	68,9	73,8	69,1	74,0	69,3	74,2	69,4	74,3
Hungary	67,6	76,2	68,4	76,7	68,7	77,2	68,7	77,2	69,2	77,8	69,4	77,8	70,0	78,2
Finland	74,3	81,3	75,2	82,0	75,4	82,5	75,8	82,8	76,0	83,2	76,1	83,2	76,6	83,4
France	75,3	83,0	75,8	82,7	76,7	83,8	76,7	83,8	77,3	84,5	77,6	84,8	77,8	84,9
Croatia	69,1	76,7	71,2	78,2	72,1	79,1	71,9	78,9	72,6	79,4	...	...	72,5	79,7
Czech Republic	71,7	78,5	72,0	78,6	72,6	79,2	72,9	79,2	73,5	79,9	73,8	80,2	74,1	80,5
Switzerland	77,0	82,8	78,0	83,2	78,6	83,8	78,7	84,0	79,2	84,2	79,5	84,4	79,8	84,6
Sweden	77,4	82,0	78,0	82,5	78,4	82,8	78,5	82,9	78,8	83,1	79,0	83,1	79,2	83,2

<sup>1</sup> See the second footnote to Table 25.1

<sup>2</sup> SSCU data are given for two consecutive years, i.e. 2000 – 2000/2001; 2003 – 2003/2004; 2004 – 2004/2005; 2005 – 2005/2006; 2006 – 2006/2007; 2007 – 2007/2008, 2008 – 2008/2009

<sup>3</sup> See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.6. Unemployment rate**

*(percentage of economically active population; on average per year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>CIS countries</b>											
Azerbaijan <sup>1</sup>	1,1	1,2	1,3	1,3	1,4	1,4	1,4	1,3	1,2	1,0	1,0
Belarus <sup>1</sup>	2,9	2,1	2,3	3,0	3,1	1,9	1,5	1,2	1,0	0,8	0,9
Armenia <sup>1</sup>	8,1	10,7	9,8	10,5	10,2	9,4	7,6	7,2	6,6	6,3	7,1
Kazakhstan	...	12,8	10,4	9,3	8,8	8,4	8,1	7,8	7,3	6,6	6,6
Kyrgyzstan	...	...	...	12,5	9,9	8,5	8,1	8,3	8,2	8,2	2,6 <sup>1</sup>
Moldova, Republic of	...	8,5	7,3	6,8	7,9	8,1	7,3	7,4	5,1	4,0	6,4
Russian Federation	9,5	10,6	9,0	7,9	8,3	7,8	7,3	7,2	6,1	6,3	2,8 <sup>1</sup>
Tajikistan <sup>1</sup>	1,8	2,7	2,3	2,6	2,3	2,0	2,1	2,3	2,5	2,1	2,0 <sup>2</sup>
Uzbekistan <sup>1</sup>	0,3	0,4	0,4	0,4	0,3	0,4	0,3	0,3	0,2	0,4	...
<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>6,4</b>	<b>8,8</b>
<b>Other countries of the World</b>											
Austria	3,9	3,6	3,6	4,2	4,3	4,9	5,2	4,8	4,4	3,8	4,8
Belgium	9,7	6,9	6,6	7,5	8,2	8,4	8,5	8,3	7,5	7,0	7,9
Bulgaria	16,5	16,4	19,5	18,2	13,7	12,1	10,1	9,0	6,9	5,6	6,8
Greece	9,2	11,2	10,7	10,3	9,7	10,5	9,9	8,9	8,3	7,7	9,5
Georgia	...	10,3	11,1	12,6	11,5	12,6	13,8	13,6	13,3	16,5	...
Denmark	6,7	4,3	4,5	4,6	5,4	5,5	4,8	3,9	3,8	3,3	6,0
Estonia	...	13,6	12,6	10,3	10,0	9,7	7,9	5,9	4,7	5,5	13,8
Israel	6,9	8,8	9,4	10,3	10,7	10,4	9,0	8,4	7,3	6,1	7,6
Ireland	12,3	4,2	3,9	4,5	4,6	4,5	4,4	4,5	4,6	6,3	11,9
Spain	18,4	11,1	10,3	11,1	11,1	10,6	9,2	8,5	8,3	11,3	18,0
Italy	11,2	10,1	9,1	8,6	8,4	8,0	7,7	6,8	6,1	6,7	7,8
Canada	9,4	6,8	7,2	7,7	7,6	7,2	6,8	6,3	6,0	6,1	8,3

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.6 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Cyprus	3,7	4,9	3,8	3,6	4,1	4,7	5,3	4,6	4,0	3,6	5,3
Latvia	...	13,7	12,9	12,2	10,5	10,4	8,9	6,8	6,0	7,5	17,1
Lithuania	...	16,4	16,5	13,5	12,5	11,4	8,3	5,6	4,3	5,8	13,7
Luxemburg	2,9	2,2	1,9	2,6	3,8	5,0	4,6	4,6	4,2	4,9	5,4
Malta	5,6	6,7	7,6	7,5	7,6	7,4	7,2	7,1	6,4	5,9	6,9
Netherlands	6,6	2,8	2,2	2,8	3,7	4,6	4,7	3,9	3,2	2,8	3,4
Germany	8,0	7,5	7,6	8,4	9,3	9,8	10,7	9,8	8,4	7,3	7,5
Norway	4,9	3,2	3,4	3,7	4,2	4,3	4,5	3,4	2,5	2,5	3,1
Poland	13,3	16,1	18,3	20,0	19,7	19,0	17,8	13,9	9,6	7,1	8,2
Portugal	7,2	4,0	4,1	5,1	6,4	6,7	7,7	7,8	8,1	7,7	9,6
Romania	...	7,3	6,8	8,6	7,0	8,1	7,2	7,3	6,4	5,8	6,9
Slovakia	13,1	18,8	19,3	18,7	17,6	18,2	16,3	13,4	11,1	9,5	12,0
Slovenia	...	6,7	6,2	6,3	6,7	6,3	6,5	6,0	4,9	4,4	5,9
United Kingdom	8,5	5,4	5,0	5,1	5,0	4,7	4,8	5,4	5,3	5,6	7,6
USA	5,6	4,0	4,8	5,8	6,0	5,5	5,1	4,6	4,6	5,8	9,3
Turkey	7,6	5,2	6,8	8,9	9,3	9,0	9,2	8,7	8,8	9,7	12,5
Hungary	5,6	6,4	5,7	5,8	5,9	6,1	7,2	7,5	7,4	7,8	10,0
Finland	15,4	9,8	9,1	9,1	9,0	8,8	8,4	7,7	6,9	6,4	8,2
France	11,0	9,0	8,3	8,6	9,0	9,3	9,3	9,2	8,4	7,8	9,5
Czech Republic	4,1	8,7	8,0	7,3	7,8	8,3	7,9	7,2	5,3	4,4	6,7
Switzerland	3,5	2,6	2,6	3,2	4,3	4,4	4,4	4,0	3,6	3,5	4,4
Sweden	8,8	5,6	5,8	6,0	6,6	7,4	7,6	7,0	6,1	6,2	8,3

<sup>1</sup> Registered unemployment rate at the end of year<sup>2</sup> End of November of 2009

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.7. GDP<sup>1</sup>***(USD mln. at purchasing power parities of 2005)*

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
<b>CIS countries</b>										
Azerbaijan	...	14511	20398	27552	30349	38376	51597	64523	71460	78078
Belarus	65725	42816	58188	68465	76289	83492	91839	99717	109672	...
Armenia	10238	5411	6946	9985	11030	12559	14217	16172	17295	14848
Kazakhstan	115863	71125	80450	109608	120115	131765	145872	158840	164058	166036
Kyrgyzstan	11086	5618	7380	8318	8902	8887	9162	9945	10781	11033
Moldova, Republic of	17335	6835	6030	7357	7899	8492	8898	9165	9883	9242
Russian Federation	1877075	1165400	1261634	1489489	1596008	1697954	1828286	1975662	2086625	...
Tajikistan	16937	6541	6098	8227	9072	9682	10323	11110	11989	...
<b>Ukraine</b>	<b>419457</b>	<b>200283</b>	<b>181190</b>	<b>228296</b>	<b>256030</b>	<b>263007</b>	<b>282333</b>	<b>304755</b>	<b>311765</b>	<b>264376</b>
<b>Other countries of the World</b>										
Austria	197900	219203	253946	261550	268206	274803	284311	294396	300426	289526
Belgium	249790	270329	311202	320433	330798	336645	345961	356144	359839	348983
Bulgaria	65669	57564	55224	63053	67240	71440	75957	80641	85491	...
Greece	177714	189073	224008	255786	267610	273609	285981	298771	304791	298809
Georgia	29460	8322	11056	13573	14368	15747	17224	19350	19797	19018
Denmark	130797	146819	169012	171653	175595	179888	185995	189143	187498	178330
Estonia	15132	11005	15208	18983	20356	22275	24493	26257	25318	21752
Israel	...	113924	144593	145650	152971	160823	169158	178241	185283	...
Ireland	61935	77680	122930	144479	151118	160450	169044	179227	173786	161454
Iceland	6532	6618	8400	8952	9642	10363	10839	11484	11594	10842
Spain	767776	827388	1011771	1110389	1146663	1188107	1235853	1279891	1290870	1243898
Italy	1348503	1436431	1578262	1613981	1638704	1649452	1683036	1707982	1685463	1600548

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.7 continued

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
Canada	750976	817852	1001385	1068789	1102135	1135409	1167813	1197375	1202337	1170554
Latvia	29293	15585	20240	24959	27124	30000	33670	37029	35344	28977
Lithuania	45400	26805	33310	41887	44966	48474	52277	57421	59006	50283
Luxemburg	16299	19785	26640	28872	30142	31779	33550	35722	35733	34515
Malta	...	...	8006	8058	8118	8431	8731	9066	9259	9081
Netherlands	392865	440031	536547	549134	561415	572905	592351	613753	626002	601049
Germany	2039425	2273421	2510957	2536569	2567203	2586537	2668394	2734182	2768582	2631986
Norway	136227	163579	195998	204958	212877	218708	223697	229806	233977	230135
Poland	311827	347246	451962	481956	507716	526080	558842	596761	626623	637298
Portugal	156953	170789	208628	212724	215948	217912	220893	225028	225125	219096
Romania	180490	162840	153778	179704	194961	203059	219049	232887	250003	232165
Slovakia	...	58026	68535	77723	81633	87074	94478	104473	110920	105751
Slovenia	...	31693	39227	43137	44986	47007	49738	53119	54974	50675
United Kingdom	1356584	1471629	1742517	1874035	1929336	1971261	2027496	2079383	2090773	1987904
USA	8052958	9093700	11226000	11840700	12263800	12638400	12976200	13254100	13312200	12987400
Turkey	436224	510909	625314	658996	720697	781247	835102	874090	881940	...
Hungary	129244	114656	138941	157510	165165	170994	177779	179499	180655	169238
Finland	116181	111833	141417	150231	156410	160973	168071	176381	178508	164652
France	1415128	1498679	1721201	1790389	1834617	1869401	1910842	1956216	1960460	1908928
Croatia	...	46039	54087	62153	64794	67521	70742	74667	76562	...
Czech Republic	169126	161153	173472	187628	196043	208426	222615	236264	242084	...
Switzerland	224297	225415	249389	252879	259284	266131	275792	285735	290821	286591
Sweden	210006	217501	258583	274617	286247	295295	307984	318191	316891	300591

<sup>1</sup> Here and elsewhere (Tables 25.8, 25.9) estimated data from Statistics Department of UN ECE



## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.8. GDP annual growth rate***(at the 2005 prices and PPPs; percent of the previous year)*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>CIS countries</b>												
Azerbaijan	...	-11,8	11,1	9,9	10,6	11,2	10,2	26,4	34,5	25,1	10,8	9,3
Belarus	...	-10,4	5,8	4,7	5,0	7,0	11,4	9,4	10,0	8,6	10,0	...
Armenia	...	6,9	5,9	9,6	15,0	14,0	10,5	13,9	13,2	13,7	6,9	-14,2
Kazakhstan	...	-8,2	9,8	13,5	9,8	9,3	9,6	9,7	10,7	8,9	3,3	1,2
Kyrgyzstan	...	-5,4	5,4	5,3	0,0	7,0	7,0	-0,2	3,1	8,5	8,4	2,3
Moldova, Republic of	...	-1,4	2,1	6,1	7,8	6,6	7,4	7,5	4,8	3,0	7,8	-6,5
Russian Federation	...	-4,1	10,0	5,1	4,7	7,3	7,2	6,4	7,7	8,1	5,6	...
Tajikistan	...	-6,0	8,3	9,6	10,8	11,1	10,3	6,7	6,6	7,6	7,9	...
Turkmenistan	...	-7,2	5,5	4,3	0,3	3,3	4,5	13,0	11,4	11,6	9,8	...
Uzbekistan	...	-0,9	4,0	4,5	4,2	4,4	7,7	7,0	7,3	9,5	9,0	...
<b>Ukraine</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>7,9</b>	<b>2,3</b>	<b>-15,2</b>
<b>Other countries of the World</b>												
Austria	4,2	2,5	3,7	0,5	1,6	0,8	2,5	2,5	3,5	3,5	2,0	-3,6
Belgium	3,1	2,4	3,7	0,8	1,4	0,8	3,2	1,8	2,8	2,9	1,0	-3,0
Bulgaria	...	2,9	5,4	4,1	4,5	5,0	6,6	6,2	6,3	6,2	6,0	...
Greece	0,0	2,1	4,5	4,2	3,4	5,9	4,6	2,2	4,5	4,5	2,0	-2,0
Georgia	...	2,6	1,8	4,8	5,5	11,1	5,9	9,6	9,4	12,3	2,3	-3,9
Denmark	1,0	3,1	3,5	0,7	0,5	0,4	2,3	2,4	3,4	1,7	-0,9	-4,9
Estonia	...	4,5	10,0	7,5	7,9	7,6	7,2	9,4	10,0	7,2	-3,6	-14,1
Israel	...	...	8,9	-0,4	-0,7	1,8	5,0	5,1	5,2	5,4	4,0	...
Ireland	8,5	9,6	9,4	5,7	6,5	4,4	4,6	6,2	5,4	6,0	-3,0	...
Iceland	...	0,1	4,3	3,9	0,1	2,4	7,7	7,5	4,6	6,0	1,0	-6,5
Spain	3,8	2,8	5,0	3,6	2,7	3,1	3,3	3,6	4,0	3,6	0,9	-3,6
Italy	2,1	2,8	3,7	1,8	0,5	0,0	1,5	0,7	2,0	1,5	-1,3	-5,0

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.8 continued

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Canada	0,2	2,8	5,2	1,8	2,9	1,9	3,1	3,0	2,9	2,5	0,4	-2,6
Latvia	...	-0,9	6,9	8,0	6,5	7,2	8,7	10,6	12,2	10,0	-4,6	-18,0
Lithuania	...	5,2	3,3	6,7	6,9	10,2	7,4	7,8	7,8	9,8	2,8	-14,8
Luxemburg	5,3	1,4	8,4	2,5	4,1	1,5	4,4	5,4	5,6	6,5	0,0	-3,4
Malta	...	...	...	-1,6	2,6	-0,3	0,7	3,9	3,6	3,8	2,1	-1,9
Netherlands	...	3,1	3,9	1,9	0,1	0,3	2,2	2,0	3,4	3,6	2,0	-4,0
Germany	5,7	1,9	3,2	1,2	0,0	-0,2	1,2	0,8	3,2	2,5	1,3	-4,9
Norway	1,9	4,2	3,3	2,0	1,5	1,0	3,9	2,7	2,3	2,7	1,8	-1,6
Poland	...	7,0	4,3	1,2	1,4	3,9	5,3	3,6	6,2	6,8	5,0	1,7
Portugal	4,0	4,3	3,9	2,0	0,8	-0,8	1,5	0,9	1,4	1,9	0,0	-2,7
Romania	...	7,2	2,4	5,7	5,1	5,2	8,5	4,2	7,9	6,3	7,4	-7,1
Slovakia	...	7,9	1,4	3,5	4,6	4,8	5,0	6,7	8,5	10,6	6,2	-4,7
Slovenia	...	...	4,4	2,8	4,0	2,8	4,3	4,5	5,8	6,8	3,5	-7,8
United Kingdom	0,8	3,1	3,9	2,5	2,1	2,8	3,0	2,2	2,9	2,6	0,5	-4,9
USA	...	2,5	4,1	1,1	1,8	2,5	3,6	3,1	2,7	2,1	0,4	-2,4
Turkey	9,3	7,2	6,8	-5,7	6,2	5,3	9,4	8,4	6,9	4,7	0,9	...
Hungary	...	1,5	4,9	4,1	4,4	4,3	4,9	3,5	4,0	1,0	0,6	-6,3
Finland	0,1	3,9	5,3	2,3	1,8	2,0	4,1	2,9	4,4	4,9	1,2	-7,8
France	2,6	2,1	3,9	1,9	1,0	1,1	2,5	1,9	2,2	2,4	0,2	-2,6
Croatia	...	...	3,0	3,8	5,4	5,0	4,2	4,2	4,8	5,5	2,5	...
Czech Republic	...	5,9	3,6	2,5	1,9	3,6	4,5	6,3	6,8	6,1	2,5	...
Switzerland	3,7	0,4	3,6	1,2	0,4	-0,2	2,5	2,6	3,6	3,6	1,8	-1,5
Sweden	1,0	3,9	4,5	1,3	2,5	2,3	4,2	3,2	4,3	3,3	-0,4	-5,1

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.9. GDP per capita***(at the 2005 prices and PPPs; USD)*

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
<b>CIS countries</b>											
Azerbaijan	...	1888	2526	3012	3316	3614	4515	5993	7397	8085	8727
Belarus	6450	4200	5816	6447	6934	7765	8541	9436	10278	11356	...
Armenia	...	1663	2157	2726	3109	3432	3903	4414	5012	5354	4568
Kazakhstan	7096	4497	5405	6747	7352	8001	8699	9529	10258	10467	...
Kyrgyzstan	2525	1232	1510	1565	1660	1758	1737	1774	1910	2053	...
Moldova, Republic of	3974	1893	1657	1905	2036	2192	2362	2482	2562	2768	2592
Russian Federation	12742	7889	8644	9600	10349	11146	11917	12888	13963	14762	...
Tajikistan	3203	1121	985	1150	1252	1352	1413	1476	1556	1643	...
<b>Ukraine</b>	<b>8108</b>	<b>3920</b>	<b>3706</b>	<b>4337</b>	<b>4793</b>	<b>5416</b>	<b>5605</b>	<b>6058</b>	<b>6578</b>	<b>6766</b>	<b>5763</b>
<b>Other countries of the World</b>											
Austria	25775	27579	31697	32105	32218	32831	33410	34387	35465	36037	34681
Belgium	25059	26668	30373	30778	30891	31756	32141	32814	33529	33605	32343
Bulgaria	7532	6938	6906	7631	8082	8664	9255	9891	10555	11239	10727
Greece	17490	17779	20518	21974	23204	24193	24641	25652	26693	27124	26536
Georgia	5417	1758	2502	2805	3135	3327	3610	3916	4409	4516	...
Denmark	25447	28073	31662	31807	31847	32500	33196	34209	34642	34140	32294
Estonia	9632	7600	11084	12966	13999	15066	16531	18214	19560	18882	16228
Israel	...	20564	23172	22025	21958	22651	23391	24194	25005	25550	...
Ireland	17667	21570	32314	35203	36147	37154	38570	39671	41056	39115	36136
Iceland	25636	24750	29871	30394	30944	32952	35021	35620	36880	36300	33966
Spain	19686	21006	25128	26070	26435	26859	27377	28044	28522	28313	27083
Italy	23775	25270	27717	28242	28018	28168	28144	28554	28766	28170	26559

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.9 continued

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009
Canada	27120	27911	32634	33459	33780	34506	35212	35849	36359	36077	34694
Latvia	12278	7386	9518	10952	12126	13088	14197	15402	17011	17571	15058
Lithuania	42679	48291	60753	63720	63933	65798	68313	70990	74421	73134	69363
Luxemburg	42679	48291	60753	63720	63933	65798	68313	70990	74421	73134	69363
Malta	...	...	20528	20417	20221	20235	20900	21508	22180	22379	21996
Netherlands	26284	28463	33698	33895	33849	34493	35111	36249	37474	38078	36368
Germany	25697	27840	30551	30820	30739	31117	31366	32397	33237	33714	32147
Norway	32121	37535	43642	44702	44898	46368	47319	47993	48833	49072	47657
Poland	8180	9072	11814	12137	12618	13298	13786	14655	15656	16440	16707
Portugal	16179	17498	21103	21372	21026	21230	21294	21530	21993	21957	21369
Romania	7777	7180	6946	7787	8232	8972	9386	10169	10857	11704	10913
Slovakia	...	10819	12690	13791	14448	15167	16163	17525	19359	20518	19519
Slovenia	...	15936	19718	21026	21609	22524	23494	24772	26311	27188	24823
United Kingdom	23701	25362	29591	30727	31466	32238	32725	33464	34102	34061	32184
USA	32189	34111	39750	40096	40711	41784	42664	43391	43884	43671	42238
Turkey	7914	8550	9731	9484	9854	10640	11391	12030	12441	12408	...
Hungary	12470	11209	13727	14871	15549	16341	16952	17652	17850	17997	16886
Finland	23301	21894	27322	28318	28819	29922	30690	31914	33351	33596	30841
France	24327	25222	28344	28750	28860	29358	29692	30142	30671	30565	29599
Croatia	...	9861	12165	13336	13997	14595	15201	15928	16815	17471	16456
Czech Republic	16321	15599	16887	17754	18392	19207	20366	21683	22888	23211	22124
Switzerland	33003	32016	34713	34782	34457	35088	35784	36851	37840	38031	37083
Sweden	24536	24640	29146	30067	30656	31826	32702	33915	34783	34236	32180

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.10. Industrial production indices***(at constant prices; percentage of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>CIS countries</b>											
Azerbaijan	78,6	106,8	105,0	103,8	106,1	105,5	133,7	136,5	124,0	105,9	108,7
Belarus	88,3	107,7	105,9	104,5	107,1	115,9	110,5	111,4	108,7	110,8	97,2
Armenia	101,4	106,3	105,3	114,6	115,2	102,0	107,6	99,0	102,6	102,0	92,1
Kazakhstan	91,9	115,5	113,9	110,5	109,1	109,9	105,1	107,0	104,5	102,1	101,7
Kyrgyzstan	82,0	105,9	105,6	89,0	117,1	104,5	87,9	89,8	107,3	114,8	93,7
Moldova, Republic of	96,1	108,0	113,6	110,7	115,8	108,2	107,0	95,1	97,4	100,7	77,8
Russian Federation	95,4	108,6	103,0	103,1	108,9	108,2	104,1	103,9	106,4	102,1	89,1
Tajikistan	86,4	109,9	115,1	108,2	110,0	115,1	108,5	105,0	109,9	96,0	93,7
Turkmenistan	93,6	125,9	109,0	105,0	108,0	103,3	122,0	...	...	...	...
Uzbekistan	100,1	105,9	107,6	108,5	106,2	109,4	107,3	111,0	111,9	113,0	109,0
<b>Ukraine<sup>1,2</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>107,6</b>	<b>94,8</b>	<b>78,1</b>
<b>Other countries of the World</b>											
Austria	105,1	108,7	103,1	101,0	101,8	107,0	104,0	107,1	105,8	102,3	87,5
Belgium	106,2	105,1	99,7	101,2	100,7	103,7	99,1	105,0	102,8	99,4	86,1
Bulgaria	...	...	102,1	104,7	113,0	112,8	106,9	106,0	109,6	100,6	82,6
Bosnia and Herzegovina	164,7	109,4	112,4	109,3	104,6	113,3	105,9	107,4	109,2	107,9	88,3
Greece	101,7	110,8	96,6	100,2	100,5	100,7	98,4	100,8	102,3	95,8	90,8
Georgia	86,8	110,6	94,9	107,1	114,9	108,6	116,4	110,6	114,4	95,8	...
Denmark	104,0	106,6	101,4	101,0	100,2	98,5	102,5	104,1	98,1	98,9	85,0
Estonia	...	114,5	108,8	108,4	111,0	110,4	111,0	109,9	106,4	94,9	73,9
Israel	108,4	110,0	95,0	98,1	99,7	107,0	103,6	109,9	104,4	107,5	94,1
Ireland	119,4	114,3	111,0	108,2	105,6	101,2	104,0	102,9	105,0	98,5	95,9
Spain	104,7	104,0	98,8	99,9	101,5	102,0	100,2	103,7	102,4	92,9	83,8
Italy	105,4	103,1	99,2	98,7	99,0	100,9	98,2	103,1	102,6	96,8	81,7
Canada	104,6	108,6	96,0	101,6	100,1	101,6	102,0	99,2	99,7	94,7	88,6

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.10 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Cyprus	...	106,2	104,8	101,7	100,0	101,8	100,5	100,4	104,6	104,3	90,8
Latvia	...	97,4	110,5	106,9	107,8	107,2	107,1	106,5	101,1	96,2	83,7
Lithuania	...	100,3	112,1	106,7	113,5	111,3	107,1	106,5	102,4	105,5	85,4
Luxemburg	101,4	95,9	105,0	104,9	105,2	105,6	102,2	101,9	99,5	95,0	83,9
Macedonia, the former Yugoslav Republic of	89,4	103,5	96,8	94,8	104,6	98,7	107,1	103,5	103,8	105,4	92,3
Netherlands	101,0	104,4	101,3	101,0	98,7	104,5	100,5	101,5	102,3	101,4	92,4
Germany	100,9	105,1	99,9	98,9	100,5	104,2	103,0	105,3	105,8	100,6	83,1
Norway	105,7	103,2	99,3	99,1	97,5	99,7	100,0	97,8	98,8	100,5	96,1
Poland	110,4	107,3	100,9	101,5	108,8	112,7	103,7	112,0	109,3	102,7	96,2
Portugal	104,6	107,0	102,0	100,5	98,9	95,9	96,2	103,1	100,3	95,9	91,4
Romania	109,4	131,1	103,9	99,6	99,2	102,7	96,9	109,3	110,4	102,6	94,5
Serbia	...	111,4	100,1	101,8	97,0	107,1	100,8	104,7	103,7	101,1	87,9
Slovakia	108,3	106,4	103,6	107,1	115,5	103,8	98,7	115,0	117,2	102,4	85,4
Slovenia	109,9	106,2	102,9	102,4	101,4	104,9	103,5	105,7	107,2	102,5	82,7
United Kingdom	101,8	101,6	98,6	98,3	99,7	100,9	98,4	100,6	100,4	97,0	89,4
USA	104,8	104,2	96,6	99,9	101,3	102,5	103,3	102,3	101,5	97,7	90,2
Turkey	108,5	106,0	91,3	109,5	108,7	109,8	105,6	105,8	104,6	99,2	94,2
Hungary	104,7	116,7	103,6	103,2	106,9	107,8	106,8	109,9	107,9	99,0	82,4
Finland	105,5	116,6	100,1	101,4	100,0	105,3	99,0	110,1	104,7	101,1	78,9
France	102,1	103,3	100,8	98,1	98,7	102,1	100,1	100,8	101,2	97,9	87,7
Croatia	...	101,5	105,9	105,0	103,3	103,2	104,6	104,1	104,9	101,2	90,7
Czech Republic	108,7	103,7	107,4	104,1	101,6	110,4	103,9	108,3	110,6	98,2	86,5
Switzerland	...	108,4	99,2	94,9	100,1	104,4	102,7	107,8	109,5	101,3	92,2
Sweden	109,9	105,3	99,0	100,0	101,5	105,7	102,5	103,1	103,4	97,4	82,0

<sup>1</sup> For 1995, data are based on the *General Classification of Economic Industries*; since 2000 data are based on NACE<sup>2</sup> See methodology notes to Chapter 7

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.11. Consumer price indices***(percentage of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>CIS countries</b>											
Azerbaijan	511,5	101,8	101,5	102,8	102,1	106,7	109,6	108,2	116,6	120,8	101,3
Belarus	809,3	268,9	161,4	142,8	128,5	118,3	110,4	107,0	108,3	114,8	113,0
Armenia	276,0	99,2	103,1	101,1	104,7	107,0	100,6	102,9	104,4	109,0	103,4
Kazakhstan	276,2	113,2	108,4	105,8	106,4	106,9	107,6	108,6	110,8	117,2	107,3
Kyrgyzstan	...	119,7	106,9	102,1	103,0	104,1	104,4	105,6	110,2	124,5	...
Moldova, Republic of	129,9	131,3	109,8	105,3	111,7	112,5	112,0	112,8	112,4	112,8	99,9
Russian Federation	297,5	120,8	121,5	115,8	113,7	110,9	112,7	109,7	109,0	114,1	111,7
Tajikistan	782,1	132,9	138,6	112,2	116,3	107,2	107,2	110,0	113,4	120,9	106,4
<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>125,2</b>	<b>115,9</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	103,2	100,5
Albania	107,8	100,1	103,1	105,5	102,6	102,3	102,4	102,4	102,9	103,4	102,2
Belgium	101,5	102,5	102,5	101,6	101,6	102,1	102,8	101,8	101,8	104,5	99,9
Bulgaria	162,1	110,3	107,4	105,8	102,2	106,3	105,0	107,3	108,4	112,3	102,8
Bosnia and Herzegovina	...	...	...	...	...	...	...	106,1	101,5	107,4	99,6
Greece	108,9	103,2	103,4	103,6	103,5	102,9	103,5	103,2	102,9	104,2	101,2
Georgia	361,4	104,2	104,6	105,7	104,9	105,7	108,2	109,2	109,2	109,9	101,8
Denmark	102,1	102,9	102,4	102,4	102,1	101,2	101,8	101,9	101,7	103,4	101,3
Estonia	128,8	104,0	105,7	103,6	101,3	103,0	104,1	104,4	106,6	110,4	99,9
Israel	110,0	101,1	101,1	105,7	100,7	99,6	101,3	102,1	100,5	104,6	103,3
Ireland	...	105,6	104,9	104,7	103,5	102,2	102,4	103,9	104,9	104,1	95,5
Iceland	101,7	105,1	106,4	105,2	102,1	103,2	104,0	106,7	105,1	112,7	112,0
Spain	104,7	103,4	103,6	103,1	103,0	103,0	103,4	103,5	102,8	104,1	99,6
Italy	105,2	102,5	102,8	102,5	102,7	102,2	102,0	102,1	101,8	103,3	100,8
Canada	102,2	102,7	102,5	102,3	102,8	101,9	102,2	102,0	102,1	102,4	100,3

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.11 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Cyprus	102,6	104,1	102,0	102,8	104,1	102,3	102,6	102,5	102,4	104,7	100,4
Latvia	125,0	102,6	102,5	101,9	103,0	106,2	106,7	106,5	110,1	115,4	103,5
Lithuania	139,7	101,0	101,4	100,3	98,9	101,1	102,7	103,8	105,7	110,9	104,5
Luxemburg	101,9	103,1	102,7	102,1	102,0	102,2	102,5	102,7	102,3	103,4	100,4
Malta	103,5	102,4	102,9	103,0	100,5	102,8	103,0	102,8	101,3	104,3	102,1
Macedonia, the former Yugoslav Republic of	116,4	106,6	105,2	102,3	101,1	99,4	99,3	103,3	102,8	107,2	99,4
Netherlands	101,9	102,3	104,2	103,3	102,1	101,2	101,7	101,1	101,6	102,5	101,2
Germany	101,7	101,5	102,0	101,4	101,0	101,7	101,6	101,6	102,3	102,6	100,3
Norway	102,5	103,1	103,0	101,3	102,5	100,5	101,5	102,3	100,7	103,8	102,2
Poland	128,1	110,1	105,5	101,9	100,8	103,6	102,1	101,1	102,4	104,3	103,8
Portugal	104,1	102,8	104,4	103,5	103,3	102,4	102,3	102,7	102,8	102,6	99,2
Romania	132,2	145,7	134,5	122,5	115,3	111,9	109,0	106,6	104,8	107,8	105,6
Serbia	...	...	195,0	119,5	109,9	111,1	116,2	111,8	106,1	111,6	108,1
Slovakia	109,9	112,0	107,3	103,3	108,6	107,5	102,7	104,5	102,8	104,6	101,6
Slovenia	113,4	108,9	108,4	107,5	105,6	103,6	102,5	102,5	103,6	105,7	100,9
United Kingdom	103,4	102,9	101,8	101,6	102,9	103,0	102,8	103,2	104,3	104,0	99,4
USA	102,8	103,4	102,8	101,6	102,3	102,7	103,4	103,2	102,9	103,8	99,6
Turkey	188,6	154,9	154,4	145,0	125,3	110,6	110,1	110,5	108,8	110,4	106,3
Hungary	128,6	109,8	109,1	105,5	104,4	106,8	103,6	103,9	107,9	106,1	104,2
Finland	101,0	103,4	102,6	101,6	100,9	100,2	100,9	101,6	102,5	104,1	100,0
France	101,8	101,7	101,6	101,9	102,1	102,1	101,7	101,7	101,5	102,8	100,1
Croatia	104,0	104,6	103,8	101,7	101,8	102,0	103,3	103,2	102,9	106,1	102,4
Czech Republic	109,5	103,9	104,7	101,8	100,1	102,8	101,8	102,5	102,9	106,4	101,0
Switzerland	101,8	101,5	101,0	100,6	100,6	100,8	101,2	101,1	100,7	102,4	99,5
Sweden	102,5	101,0	102,4	102,2	101,9	100,4	100,5	101,4	102,2	103,4	99,7



## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.12. Industrial producer price indices***(percentage of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>CIS countries</b>											
Azerbaijan	1440,1	127,5	102,0	97,7	116,2	112,8	116,5	116,1	109,0	115,0	87,3
Belarus	638,6	285,6	171,7	140,6	137,4	124,1	112,1	108,4	115,8	114,8	114,5
Armenia	287,8	99,6	101,1	103,6	103,7	121,6	107,6	101,0	100,7	102,2	99,7
Kazakhstan	239,7	138,0	100,4	100,3	109,5	116,8	123,7	118,5	112,4	136,8	77,9
Kyrgyzstan	121,8	132,0	109,1	105,3	105,6	108,8	103,1	115,9	111,8	125,4	...
Moldova, Republic of	152,2	133,6	112,6	108,0	108,3	105,2	105,9	112,3	128,0	110,0	97,0
Russian Federation	337,6	146,5	119,1	111,8	115,6	124,0	120,7	112,4	114,1	121,3	92,8
Tajikistan	451,7	139,0	125,1	109,2	115,3	116,5	110,4	142,7	121,8	120,8	96,6
<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>135,5</b>	<b>106,5</b>
<b>Other countries of the World</b>											
Austria	100,3	104,3	100,1	98,6	100,4	102,0	103,4	102,1	104,1	104,8	98,2
Albania	...	...	...	...	...	...	...	100,8	103,5	106,5	...
Belgium	102,2	104,6	99,6	101,1	100,2	106,9	105,7	105,8	102,0	109,3	92,8
Bulgaria	...	119,4	103,5	102,2	102,8	105,4	107,3	108,7	108,0	113,2	95,7
Bosnia and Herzegovina	168,7	100,9	102,3	100,7	102,6	102,4	99,6	103,7	104,4	106,7	...
Greece	109,2	105,2	103,6	102,3	102,3	103,6	105,9	107,3	104,1	110,0	94,2
Georgia	...	105,8	103,6	106,0	102,6	104,2	107,4	111,0	111,8	109,8	94,3
Denmark	106,7	107,3	103,7	102,5	103,3	103,8	109,1	107,9	101,6	113,2	93,3
Estonia	...	...	...	...	100,2	103,4	101,7	104,3	109,6	109,6	99,8
Israel	110,7	103,6	99,9	103,9	104,3	105,4	106,2	105,7	103,4	109,6	93,6
Ireland	103,6	107,4	102,6	102,2	101,0	100,5	102,2	101,8	101,6	105,3	99,1
Spain	106,4	105,4	101,7	100,6	101,4	103,4	104,7	105,4	103,6	106,6	96,6

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.12 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Italy	107,8	106,0	101,9	100,2	101,6	102,7	104,0	105,2	103,3	105,8	94,6
Canada	107,4	104,3	101,0	100,1	98,6	103,2	101,5	102,4	101,6	104,4	96,6
Latvia	...	...	...	100,0	101,8	107,4	107,1	109,6	118,6	115,7	98,3
Lithuania	...	110,3	99,4	99,4	99,2	102,5	105,9	106,9	109,4	115,8	93,4
Luxemburg	103,4	106,2	104,8	98,5	103,7	109,1	103,6	112,8	104,4	115,1	90,8
Macedonia, the former Yugoslav Republic of	104,7	109,1	102,8	99,4	100,0	100,9	103,2	103,9	101,6	108,1	93,8
Netherlands	103,0	112,4	102,3	98,8	102,3	102,4	107,0	108,6	105,2	108,9	90,2
Germany	101,7	102,9	103,0	99,4	101,8	101,6	104,4	105,4	101,3	105,4	96,0
Norway	106,5	113,1	101,6	99,9	106,2	103,8	106,1	108,7	99,4	115,2	98,2
Poland	...	...	102,8	100,2	101,8	107,7	102,5	103,4	104,0	105,4	102,4
Portugal	103,8	116,1	102,7	100,4	100,8	102,7	104,1	104,4	102,8	105,2	96,2
Romania	...	156,4	139,4	125,3	118,4	119,2	110,8	110,2	108,4	112,8	102,1
Slovakia	111,2	106,5	108,1	104,2	106,9	102,7	103,7	106,3	101,8	106,2	97,4
United Kingdom	102,8	104,2	99,0	99,0	101,3	104,0	111,1	108,7	101,7	116,0	97,2
USA	103,6	105,8	101,1	97,7	105,4	106,2	107,3	104,7	104,8	109,8	91,2
Turkey	...	...	...	...	...	112,2	107,1	109,8	106,0	113,0	101,0
Hungary	...	114,1	110,3	102,8	105,2	108,4	106,0	108,4	106,5	111,6	101,2
Finland	...	105,1	99,7	98,8	99,9	100,6	104,2	106,3	103,9	108,6	93,7
France	...	103,8	101,7	99,9	100,8	102,0	103,1	103,8	102,8	105,6	93,6
Czech Republic	107,4	104,8	102,8	99,4	99,6	105,5	103,1	101,5	104,1	104,5	96,8
Switzerland	99,9	101,0	100,5	99,5	100,0	101,2	100,8	102,0	102,4	103,4	97,9
Sweden	106,8	103,6	102,3	102,2	102,8	101,8	103,9	106,1	103,6	106,1	99,7

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

**25.13. Human development index<sup>1</sup> in 2007**

Country and their place in the world	Life expectancy at birth, years	Combined gross enrollment ratio in education, percent	GDP per capita (USD purchasing power parities)	Human development index
1. Norway	80,5	98,6	53433	0,971
2. Australia	81,4	114,2	34923	0,970
3. Iceland	81,7	96,0	35742	0,969
4. Canada	80,6	99,3	35812	0,966
5. Ireland	79,7	97,6	44613	0,965
6. Netherlands	79,8	97,5	38694	0,964
7. Sweden	80,8	94,3	36712	0,963
8. France	81,0	95,4	33674	0,961
1. 9. Switzerland	81,7	82,7	40658	0,960
2. 10. Japan	82,7	86,6	33632	0,960
11. Luxembourg	79,4	94,4	79485	0,960
12. Finland	79,5	101,4	34526	0,959
13. USA	79,1	92,4	45592	0,956
14. Austria	79,9	90,5	37370	0,955
15. Spain	80,7	96,5	31560	0,955
16. Denmark	78,2	101,3	36130	0,955
17. Belgium	79,5	94,3	34935	0,953
18. Italy	81,1	91,8	30353	0,951
20. New Zealand	80,1	107,5	27336	0,950
21. United Kingdom	79,3	89,2	35130	0,947
22. Germany	79,8	88,1	34401	0,947
23. Singapore	80,2	...	49704	0,944
25. Greece	79,1	101,6	28517	0,942
26. Korea, Republic of	79,2	98,5	24801	0,937
27. Israel	80,7	89,9	26315	0,935

## INTERNATIONAL COMPARISONS ON SELECTED COUNTRIES

Table 25.13 continued

Country and their place in the world	Life expectancy at birth, years	Combined gross enrollment ratio in education, percent	GDP per capita (USD purchasing power parities)	Human development index
29. Slovenia	78,2	92,8	26753	0,929
34. Portugal	78,6	88,8	22765	0,909
36. Czech Republic	76,4	83,4	24144	0,903
40. Estonia	72,9	91,2	20361	0,883
41. Poland	75,5	87,7	15987	0,880
42. Slovakia	74,6	80,5	20076	0,880
43. Hungary	73,3	90,2	18755	0,879
44. Chile	78,5	82,5	13880	0,878
45. Croatia	76,0	77,2	16027	0,871
46. Lithuania	71,8	92,3	17575	0,870
48. Latvia	72,3	90,2	16377	0,866
61. Bulgaria	73,1	82,4	11222	0,840
63. Romania	72,5	79,2	12369	0,837
68. Belarus	69,0	90,4	10841	0,826
71. Russian Federation	66,2	81,9	14690	0,817
79. Turkey	71,7	71,1	12955	0,806
82. Kazakhstan	64,9	91,4	10863	0,804
84. Armenia	73,6	74,6	5693	0,798
<b>85. Ukraine</b>	<b>68,2</b>	<b>90,0</b>	<b>6914</b>	<b>0,796</b>
86. Azerbaijan	70,0	66,2	7851	0,787
89. Georgia	71,6	76,7	4662	0,778
92. China	72,9	68,7	5383	0,772
109. Turkmenistan	64,6	...	4953	0,739
117. Moldova, Republic of	68,3	71,6	2551	0,720
119. Uzbekistan	67,6	72,7	2425	0,710
120. Kyrgyzstan	67,6	77,3	2006	0,710
127. Tajikistan	66,4	70,9	1753	0,688
134. India	63,4	61,0	2753	0,612

<sup>1</sup> According to UNDP data

## INDEX

### A

Abortions 21.18  
Accounts receivable and accounts payable 3.10  
Administrative and territorial units 1.5  
Adopted orphans 21.30  
Agricultural enterprises 4.9, 8.11–8.17, 8.19, 8.43  
Agricultural land 8.20  
Agricultural output 8.7, 8.28–8.37  
Agricultural production 8.3–8.10  
Agricultural production indices 8.8–8.10  
Agricultural production given to shareholders as rent payments for land and property shares 8.18  
Agricultural production and capacities put into operation 9.14  
Allocation of housing to population 19.3  
Animal products supplied to processing enterprises 8.58  
Area 1.4  
Area for agricultural crops (harvested) 8.22–8.27  
Area planted with fruit and berries, and grapes 8.27  
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 8.56  
Average distance of transport 10.30, 10.31  
Average of housing size 19.7  
Average monthly pension 18.13  
Average weight of a livestock per head 8.55

### B

Banks 3.11–3.17, 18.49  
Basic indicators for agriculture, hunting, forestry and fishing 8.1  
Basic indicators for construction 9.15  
Basic indicators of forestry operations 8.62  
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 institutions of culture and art 22.1–22.7  
Basic hunting indicators 8.59  
Basic social and economic indicators 1.6  
Births (crude rates of birth) 16.9–16.16, 25.2  
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, 9.2, 9.4  
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 16.6  
Civil justice 23.13  
Climate 1.1  
Collective horticulture and market gardening 8.42  
Communication and post enterprises 10.34–10.36  
Computing equipment 15.17  
Construction output 9.18  
Consumed 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 on narcotics 23.3  
Culling and spending of material resources 6.18  
**D**  
Damaged and recultivated land, liming and plastering of soils 24.3, 24.5  
Deaths (death rates) 16.9–16.11, 16.14, 16.17–16.19, 16.23, 25.3  
Deposits by households 3.16, 18.49  
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 balance sheet 6.10  
Emission of pollutants 24.10–24.15  
Employees 14.3, 14.4, 14.6, 14.7, 17.7, 17.8, 17.28–17.32, 17.37–17.39, 17.42  
Employees, by level of education 17.32  
Employees receiving compensations and benefits 17.42  
Employment 17.4–17.6, 17.11  
Employment at small enterprises 14.5  
Employment of youth 17.34  
Enrollment 20.6  
Enterprise balance sheets 3.11  
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

## INDEX

---

- Families and single persons who obtained housing 19.5  
Financial outcome from usual activity 3.4, 14.14, 14.15  
Fires 23.15, 23.16  
Fishing 8.1, 8.2, 8.71–8.73  
Fixed capital investment 9.3–9.12  
Fixed capital investment in residential construction 9.19, 9.20  
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 8.64, 8.65  
Forest fires 8.70  
Forest protection operations 8.69  
Forest reproduction 8.67  
Forest stock 8.61  
Forestry 8.1, 8.2, 8.62, 8.63  
Freight handled 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 camps 22.13  
Health care 21.1, 21.2  
HIV infections 21.9, 21.10  
Hospital beds 21.5  
Hotels 22.19–22.21  
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, 19.6, 19.8  
Human development index 25.13  
Hunting 8.1, 8.59, 8.60  
**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 19.9  
Indices of basic social and economic indicators 1.7  
Indices of capital assets 6.4  
Indices of construction output 9.16, 9.17  
Indices of consumer prices for the basic groups of goods and services 4.4  
Indices for fixed capital investment 9.6, 9.9, 9.11, 9.20  
Indices for the sold services 13.5

## INDEX

---

Industrial injuries (death) 21.19–21.21  
Industrial producer price indices 4.2, 4.3, 4.7, 4.8, 25.12  
Industrial production indices 7.4, 7.6–7.10, 25.10  
Industrial products sold 7.3  
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  
Introduction of advanced technological processes 15.12  
Irrigated and drained land area 8.21

### **L**

Land area 8.20, 24.1  
Labour contracts concluded 17.40  
Labour 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 16.24, 25.5  
Livestock and poultry 8.45–8.47  
Livestock and poultry feeds used 8.57  
Livestock and poultry productivity 8.54  
Loss-making enterprises 3.7

### **M**

Marriages and divorces 16.25–16.28  
Migration 16.29, 16.30  
Minors convicted for selected crimes 23.8, 23.9  
Minors registered of criminal police 23.11  
Money supply 3.12  
Morbidity 21.7–21.17  
Mortality rates of infants under 1 year old 16.20–16.22

### **N**

National accounts 2.7, 2.8  
Natural population increase 16.9–16.11, 16.14, 25.4  
New capital assets putting into service 6.5, 6.6

### **O**

Official exchange rates 3.14, 3.15  
Operational costs for the sold products 6.9, 7.5, 14.13  
Out-patient and polyclinic institutions 21.6  
Output of industrial products 7.11–7.35  
Output of agricultural crops 8.28–8.37  
Output of animal products 8.48–8.53  
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 16.7, 16.8, 17.33  
Persons indicted for administrative offences 23.12  
Physicians 21.3



## INDEX

---

- Physical training 22.15, 22.17  
Placement 17.23, 17.24  
Population 1.4, 16.1–16.5, 25.1  
Population, by age group 16.4, 16.5, 16.13, 16.17, 17.10  
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  
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  
Private telephone 10.40, 10.42  
Producer price indices, by selected consumer goods 4.8  
Production capacities put into operation 9.13  
Products sold by small enterprises 14.8–14.13  
Professional training institutions 20.16, 20.17  
Profitability of basic agricultural products 8.15, 8.16  
Profitability of operational activity 3.8, 3.9  
Publication of books, magazines and newspapers 22.8  
**R**  
R&D personnel 15.1  
R&D work 15.2–15.4  
Reforestation 8.68  
Registered public associations 1.3  
Registered unemployment 17.25, 17.26  
Religious organisations 1.2  
Resident bank loans 3.13  
Residential buildings put into service 9.21–9.28  
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, 12.21, 12.23  
Retail trade turnover 12.6–12.14  
Rolling stock 10.22  
**S**  
Sales of agricultural products (structure of agricultural production sold) 8.17, 8.19  
Sales 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 14.1–14.15  
Social and cultural facilities put into service 9.29–9.33  
Sown area for agricultural crops 8.22–8.26  
Sports institutions 22.15  
Sports facilities 22.16  
Sports school for children 22.14
-

## INDEX

---

Staff training and skills upgrading 17.35, 17.36  
State notary services 23.14  
Stationary pollutant emissions and carbon dioxide 24.12–24.15  
Structure of household expenditure by basic consumption expenditure 18.31  
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 for processing enterprises 8.44

### T

Tariff indices for post and communication services 4.11  
Tariff indices for shipment of cargo 4.12  
Tariff indices for transportation by pipelines 4.13  
Telephone communications 10.37–10.39, 10.41  
Television and radio programmes 22.10  
Theatres 22.2  
Timber procurement 8.66  
Titles of protection 15.14, 15.15  
Tourist flows 22.18  
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  
Uses of fuel and energy resources 6.12, 6.16  
Use of industrial property subjects and innovation proposals 15.16  
Uses of the 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 passenger transport 10.18  
Volume indices of retail trade turnover 12.7, 12.9, 12.13  
Volume of products (operations, services) sold 14.8, 14.11, 14.13

### W

Wages of employees 17.27, 18.6–18.12  
Waste waters drained into the water basins 24.9  
Wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category 24.17–24.21  
Water (supply, drainage, consumption, recycle) 24.6–24.8  
Wholesale trade turnover 12.2, 12.3  
Wild animals in hunting areas 8.60  
Working assets 3.5, 3.6  
Working conditions 17.41

### Y

Yields of agricultural crops 8.38–8.41

**State Statistics Committee of Ukraine**

**STATISTICAL YEARBOOK  
OF UKRAINE  
FOR 2009**

Edited by Olexander H. Osaulenko

Responsible for edition  
is Natalya P. Pavlenko