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**Economic Activity
of Population in Ukraine
2013**

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The publication is addressed to experts engaged in labour market research. It may also be useful to students of higher educational institutions.

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Foreword

This Statistical publication presents detailed statistics to describe the economic activity, employment and unemployment of population aged 15–70 on the labour market of Ukraine in 2013.

Indicators of economic activity, employment and unemployment have been obtained from materials of population (households) sample surveys on issues of economic activity (hereinafter – the “Surveys”).

The publication also provides data on main indicators of the registered labour market, which are based on administrative registers of the State Employment Service.

The Statistical publication describes methodological and organizational issues of surveys, provides necessary explanations for the methodology of determining main labour market indicators, and methods of selecting a sample of households and data reliability assessment. The information is arranged by topics in 7 relevant sections of the Book.

Sections 1–4 are dedicated to economically active, employed and unemployed population as determined by the methodology of the International Labour Organisation (ILO).

Section 5 presents main indicators of population’s economic activity in dynamics for 2000–2013.

Section 6 compares indicators of employment, unemployment (according to the ILO methodology) in Ukraine with EU as well as with CIS countries on registered unemployment indicators.

Section 7 presents information on main indicators of the registered labour market: demand, supply and job placement of labour force, registered unemployment, etc.).

The publication also contains a brief analytical labour market review in 2013.

Some phenomena are illustrated in diagrams that give an idea of the main trends on the labour market of Ukraine.

We hope that the Statistical publication will be interesting to experts of the legislative and executive authorities, trade unions, scientific institutions and establishments, and other users dealing with issues of developing social policy and labour market problems.

To users

Indicators of population (households) sample surveys on issues of economic activity are referred to estimators that enable determining a level of reliability of data to be used.

Detailed methodological clarifications on data reliability are provided in the Section “Principles of Sample Design and Data Quality Assessment of Population (Households) Sample Survey on issues of economic activity”

It should also be noted that some data of the statistical and analytical review have been revised against the earlier published versions.

Conventional Symbols Used in the Statistical publication:

— (dash)	- no phenomenon observed;
... (elision marks)	- missing data;
: (colon)	- data not provided because of high coefficient of variation;
0.0 (zero)	- phenomenon existed but in smaller dimensions than those to be expressed in the table's digital positions;
X (eks symbol)	- no point in filling in the heading by type of phenomenon;
“of which“	- not all addends of the total sum presented;
“including”	- all addends of the total sum presented.

Notes

In some cases, insignificant discrepancies between the overalls and the total of adding items can be explained by data rounding.

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Methodological and organizational principles of population (households) sample survey on issues of economic activity

The objective to undertake the survey is to obtain information about the composition and structure of labour force, the measurement of employment and the directions of activities of the population as well as identification of real unemployment rate which includes the total volume of labour force supply and is used as an important indicator to analyze the current status of the country's economy. The criteria to identify the employed and the unemployed follow ILO recommendations and standards adopted in statistical practices of the EU countries. The materials of the survey permit to assess the scope and qualitative characteristics of labour force on Ukraine labour market, analyze the trends for the development of market environment.

In 1995-1998 the survey was carried out once a year, in 1999-2003 quarterly in the last month of each quarter and since January of 2004 it was introduced into the practices of the state statistics bodies with monthly periodicity.

The base to conduct the survey is the population of households selected in all regions of the country using the science-based principles. The monthly size of the sample population of households is formed using the rotation scheme according to which each selected household is questioned 6 times: 3 months at a spell of questioning – break for 9 months – questioning during the next 3 months. The size of monthly sample population of households is 16.6 thousand.

During 2013, 118.2 thousand respondents aged 15-70 have been questioned that makes up 0.35% of resident population of Ukraine of the specified age. The number of the made interviews is 329.4 thousand.

For the purpose of disseminating the sample data over the total population, when constructing a system for statistical weights, the data from demographic statistics dated on January 1, 2013, about the number of the resident population aged 15-70 were used.

Location of the survey

The surveys are run on the permanent places of residence of the population by specially-trained employees (experts in interviewing) via direct questioning (voluntary) of persons aged 15-70 (inclusive) who reside in the selected households.

Household includes all persons who reside together and share the keeping of the house.

The questioning of the population is made each month during 15 calendar days and starts with a week that is next after the reference period.

Reference period is the surveyed week (from Monday till Sunday) that includes the 15th day of the month.

The survey covers the members of one household aged 15-70 (inclusive) who permanently reside in this household (regardless of registration and its nature).

The survey does not cover:

Households which:

- are territorially located in the isolation zone (zone I) and zone of unconditional (compulsory) evacuation (zone II) due to radioactive pollution because of the Chernobyl nuclear power plant disaster;
- have all persons that are younger than 15 or older than 70 years old;
- where a single person resides who has evident mental or other declinations through which he is not capable to provide impartial information needed to fill in an enquiry form.

Persons that belong to categories mentioned below:

- students and pupils of all types of educational institutions who left and temporarily reside in other localities and are subject to questioning by place of their training;
- persons who are in active military service (apart from persons called up for reserve training) and military students who reside in barracks;
- persons who are in institutional establishments (places of detentions, hostels, houses for the aged, etc);
- persons who during a visit to household were temporarily absent and their coming back was not expected during the next 12 months.

Organizational principles to undertake the survey of the population (households) on matters pertaining to economic activity

The conduct of the sample survey of the population (households) on matters pertaining to economic activity envisages **a complex of work:**

of methodological nature:

- development, approval and copying the tools that include the inquiry forms, card-annexes, instructions for experts in interviewing, submission letter to the population;

of organizational nature:

- production of the sample population of households;
- conduct of the instructive meetings on matters pertaining to organization and methodology to carry out the survey by employees from the state statistics bodies;
- training of experts in interviewing when conducting the sample survey of the population (households);
- conduct of the explanatory work among the population;
- collection of information via the direct questioning of citizens by place of their permanent residence;
- revision of lists of those who reside in households selected for the survey;
- field control of work of experts in interviewing;

concerning the processing of information

- logical and arithmetical controls over primary information contained in questionnaires;
- coding of separate respondents' responses and entry of information to electronic data base;
- aggregation of indicators at regional level and their logical control;
- generalization and control over data base for survey at the national level;
- compilation of weights coefficients and obtaining on their basis indicators that are disseminated over the total population aged 15-70;
- development of indicators for quality of information and its representativeness at all levels of usage;
- construction of tables to be published and relevant analytical materials, etc.

The technological process for processing the survey materials along with a system for tough control over data quality at all stages envisages the employment of a complex of science-based mathematical methods to assess the data from the sample population, identification of the deviations as well as dissemination of the obtained data over the total population and their integration with other sources of information.

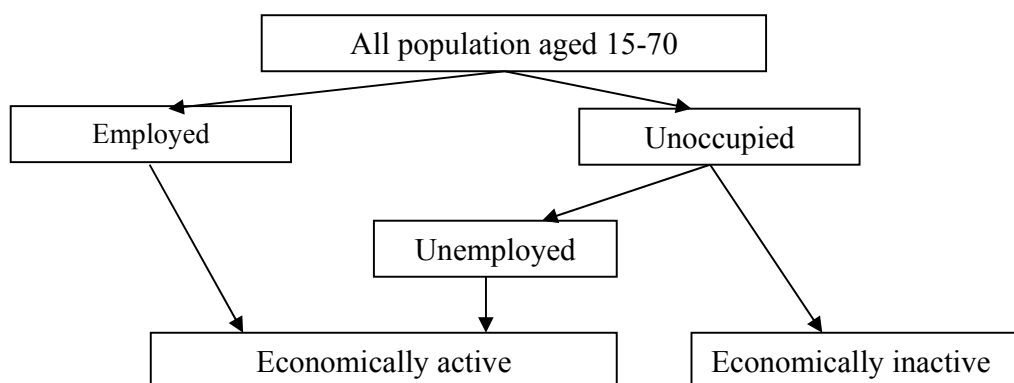
Basic methodological definitions and notions

The basic definitions and notions about the economic activity of the population developed according to recommendations of ILO and the 13th International Conference of Labour Statisticians (October of 1982) that take into account the national specifics of legislative and normative basis. This approach ensures the possibility to make international comparisons in order to assess the development of labour capacity and analyze the fulfillment of ILO and UN International Conventions ratified by Ukraine in the sphere of social and labour relations.

Within the framework of sample survey of economically active population, prior to 2012 the **working age persons** include women aged 15–54 years old and men aged 15–59 years old. According to Ukraine's law *On Actions Regarding the Legal Support to Reforming the Pension System*, beginning from 2012 the working age population includes women aged 55 years old, in 2013 - women aged 56 years old.

Economically active population is comprised of the population of both sexes aged 15-70 years old inclusive which during the certain period furnishes the proposition of labour force on labour market.

According to data from the population (households) sample surveys on issues of economic activity, all population of the country aged 15-70 is distributed as three mutually exclusive and exhaustive categories: the employed, unemployed and economically inactive (outside the labour force):



The economically active population (labour force) includes only those persons who were engaged into economic activity or searches a job and were available to start working, i.e. are classified as the employed or unemployed (by ILO definition). According to the rules for priority, employment is given advantage over unemployment and unemployment is given advantage over the absence of economic activity.

Economic activity rate (EAR) is a relative measure regarding a share of labour force. It is defined as a ratio (per cent) of the number of economically active population aged 15-70 to the total population of the mentioned age or population of relevant social and demographic group.

Employed in economic activity (hereinafter – employed) are persons aged 15–70 who:

- a) worked during the surveyed week at least 1 hour:
 - were employed to receive cash or in-kind payment, worked individually (self-employed), were employed by other individuals or worked at their own (family) enterprise;

- worked for free at enterprise or own business that belongs to any member of household or were employed at private subsidiary agriculture in order to sell products produced as a result of their activity;

b) were temporary absent from work, i.e. were formally attached to a work place, had their own enterprise (business) but did not work during the reference period for some reasons.

Employment means not only work for wages (hired work) but also for the sake of receiving a profit or family income on own enterprise including production at one's own private subsidiary agriculture in order to sell the produced products on the market.

The employed population excludes persons who performed the unpaid civil or voluntary work and persons who performed the domestic responsibilities only. The civil voluntary activity is not an economic type of activity and has the three distinctive features: a) it must be paid for; b) is performed through one's own will, with no pressure applied (dislike for instance active military service); c) is performed for organization, community or person that has no links to relatives, outside own household.

In the context of labour force concept, employment is given advantage over any other type of economic activity/inactivity

The definition of employment size in informal sector of the economy is done since 1999 according to the technique approved by SSSU Decree 73 of February 29, 2000. The mentioned technique is developed on the basis of regulations of the Resolution regarding employment in informal sector adopted at the 15th International Conference of Labour Statisticians in 1993. The allocation of enterprises to informal sector should follow the next criteria:

- market-oriented economic activity;
- limited number of employees (up to 5 persons);
- absence of the state registration of entrepreneurship activity

According to the national methodology, informal sector includes the persons who were employed at unregistered enterprises which according to their sizes (number of employees) refer to sector of households.

Taking into account the national specifics regarding the spread of informal labour relationships, the criteria to define the number of employees in this sector have been expanded due to the inclusion of persons who worked according to the oral agreement with employer in official sector, i.e. without making an official labour agreement (contract) and that testifies to the lack of minimum social guarantees.

Employment rate (ER) is a relative measure regarding the analysis of the employed population and is compiled as a ratio (per cent) of the employed population aged 15-70 years old to the total population of the specific age or population by relevant social and demographic group.

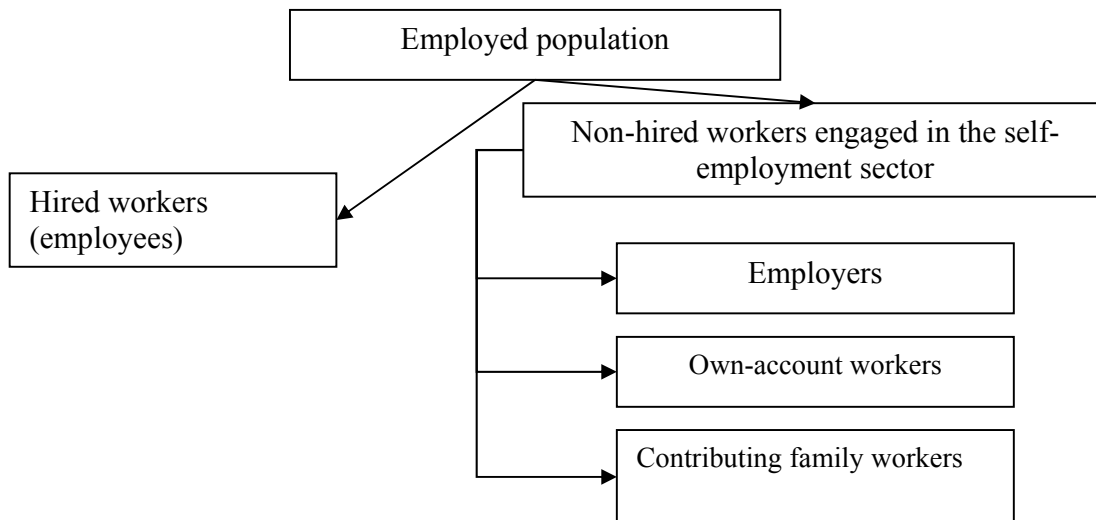
Participation rate of the employed population in informal sector of the economy is defined as a ratio (per cent) of the number of the employed in informal sector of the economy and aged 15-70 years old to the total population of the specific age or population by the relevant social and demographic group.

Distribution of the employed population by type of economic activity is made using the Classification of Types of Economic Activity SC 009:2010 (CTEA-2010) which is harmonized with Nomenclature of Activities of the European Community (NACE Rev.2-2006).

The mentioned distribution is made on the basis of a complex assessment through the integration of data from the sample survey of population, the state statistical observations over enterprises, establishments, organizations and administrative reporting.

The main job (occupation) is the work performed by respondent during the reference week and which he considers to be the main one due to receipt of a larger income or earning from it (regardless of its nature: permanent, for a certain period only, one-off job) or due to a longer duration of work time.

Employment status is defined on the basis of the classification developed according to the recommendations of the 15th International Conference of Labour Statisticians as of January 28, 1993.



Hired workers (**employees**) are persons who made written (or oral) labour agreement (contract) with administration of the enterprise, establishment, organization, natural person about the conditions and remuneration of labour activity.

Non-hired workers engaged in the self-employment sector are persons who dislike the gainfully occupied are independently engaged into labour activities on the basis of organization and implementation of business activity of the natural or legal person and are responsible for the efficiency and effectiveness of this activity as well as fulfillment of commitments in relation to other persons, particularly fulfillment of the terms of labour agreements with the gainfully occupied, etc. These persons are as follows:

- employers
- own-account workers
- contributing family workers

Employers are persons who work on their own enterprise with the regular involvement of the gainfully occupied.

Own-account workers are persons who are engaged into individual/independent labour activities which are carried out independently, i.e. without the involvement of the regular gainfully occupied.

Contributing family workers are persons who work with no payment at their family enterprise headed by their relative (in the event this work should be referred to economic activity).

Temporarily absent from work are persons who keep a job or an occupation (excluding those engaged in their own agricultural farms) but did not work during the surveyed week due to the following reasons:

- annual leave

- leave due to pregnancy and labours and child-care leave till it reaches the age according to the current legislation
- leave without pay (till the performance of work is terminated)
- temporarily disability (sickness, injury), care for sick person
- seasonal work
- days-off due to the work schedule
- other reasons

Average length of worked weekly work hours is given as actually worked hours per week on the average of one employed person. The indicator is compiled for all employed part from persons who were temporarily absent on work or worked on private subsidiary agriculture.

Unemployed (by ILO methodology) are persons aged 15-70 years old (registered and unregistered at the State Employment Service) who meet the following three basic requirements:

- a) were without work (gainful employment)
- b) were actively seeking a job or were trying to establish their own business during the last 4 weeks before questioning, i.e. were making specific steps during the mentioned period in order to find a gainful employment or work on own enterprise
- c) were available to work during the two coming weeks, i.e. started working as an employed person or work on own enterprise in order to get payment or income.

The category of the unemployed includes also persons who will start working during the next two weeks; have found a job or await a reply.

Unemployment rate (by ILO methodology) is an indicator that is compiled as a ratio (per cent) of the unemployed of the specific age group to the economically active population (labour force) of the specific age or the relevant social and demographic group.

The indicator illustrates the general status and tendencies of labour market development regarding the labour force proposition and is used to forecast and develop the policy in the sphere of social and labour relationships.

Economically inactive population are persons who cannot be classified as *employed* or *unemployed*.

This category includes the idle persons who belong to the following social groups:

- pensioners
- students (pupils) of the full-time education
- persons who performed into household (family) duties
- persons of working age who are discouraged to find a job (see the discouraged)
- persons who think that there is no proper job for them and do not know how to find it
- other persons who did not need a job as well as those whose activity does not apply to the economy (performance of unpaid or voluntary work, etc).

The discouraged are persons who did not have a job, were available to start working but during the last month stopped the active search for a job because they exhausted all possibilities to find it.

Average length of unemployment is given as average number of unemployment months per one unemployed.

Average length of search for a job is given as the average number of months to find a job per one unemployed.

The compilation of the above-mentioned indicators is made using the formula of arithmetic weighted average.

Demand for labour force on registered labour market is the number of vacant work places (vacancies) about which the enterprises, establishments, organizations reported to the State Employment Service.

Load of the registered unemployed per one vacant place (vacant positions) is defined as a ratio of the number of registered unemployed to the number of vacant work places, vacant positions claimed by enterprises, establishments and organisations.

Registered unemployed under current law are person of working age who are registered as unemployed with the local offices of central executive body that implement the state policy in the field of employment and labour migration and are willing and able to get to work.

Disabled people are recognize as unemployed who have not reached retirement age and receive a disability pension or social assistance under the law, and persons under 16 years of age who worked and were dismissed due to changes in the organisation of production and labour.

Due to the fact that Ukraine's law on employment of the population took effect on January 1, 2013, the methodology behind the compilation of indicators for registered labor market by the State Employment Service has been changed. In particular, the status of the unemployed is given to idle persons since the first day of registration with the State Employment Service regardless of the registered place of residence or place of stay.

Information about the registered unemployment by region is given by the territorial employment services.

Registered unemployment rate is defined as a ratio (per cent) of the number of the unemployed registered at the state employment service to the average annual number of working age population.

In order to make comparisons with data from the sample survey of the population on matters pertaining to economic activity, the number of the average annual registered unemployed is compiled. The relative indicator of registered unemployment rate is compiled in relation to the economically active population of working ages during the relevant period.

The analysis of its ratio with indicator for unemployment rate (by ILO methodology) gives the possibility to estimate the effectiveness of the state policies regarding the prevention of mass unemployment and to some extent assess the confidence of citizens to the state regarding the job placement and mandatory state social insurance against unemployment particularly at regional level.

Average length of registered unemployment is given as a measure for the average number of months of the registered unemployed registration at the State Employment Service.

Average monthly number of the registered unemployed is compiled according to the formula of average chronology*.

Long-term unemployment rate (by ILO methodology) is compiled as a ratio (per cent) of the number of the unemployed aged 15-70 years old who were looking for a job during 12 months and more to the number of economically active population (labour force) of the relevant age.

* Page 38 of the training aid *Labour Market Statistics: International Standards and National Experience*. Training aid under the editorship of Mrs N.S. Vlasenko, N.V. Hryhorovych, N.V. Rubleva. Partnership August Trade, 2006-320. ISBN 966-8459-16-4.

Professional independence is the availability of profession the meets the performed work. It is defined on the basis of the Classification of Occupations approved and implemented by Decree 327 of the State Committee on Technical Regulation and Consumer Policy of July 28, 2010.

The mentioned classifier is developed according to International Standard Classification of Occupations (ISCO-88) as to concept regulations, structural composition and main characteristics of occupational groupings.

Distribution of the population by educational attainment is done on the basis of the regulations concerning the List of harmonized indicators and unified attributes for inclusions to the program of sample surveys and population censuses approved by SSSU Decree 246 of August 1, 2003. The List of educational attainment and criteria to identify each education attainment are given below.

Educational attainment	Types of educational institutions
Complete higher education	Graduated from academies, universities, institutes, conservatories, schools of theology and similar higher education institutions that provide educational and qualification level of specialists or Masters.
Basic higher education	Graduated from colleges or continue training at the academies, universities, institutes, conservatories, other similar to them higher education institutions and obtained education and qualification level of Bachelors.
Uncompleted higher education	Graduated from colleges, technical schools, schools of theology, specialized schools (medical, pedagogical, at, housing and utilities services, choreographic, variety and circus, musical, culture, water transport; specialized schools at the Ministry of Internal Affairs and the Ukraine Ministry of Defense), other similar to them educational institutions of the first level of accreditation or continue training at higher education institutions and obtained education and qualification level of young professional; prior to 1996 they have been trained at higher education institutions for a half or more of general timing but have not graduated from the institutions.
Complete secondary education	Graduated from eleven years (twelve years) or ten years general secondary schools (including night schools) gymnasia, lyceums; graduated from vocational schools on the basis of complete secondary education; graduated from pre-revolutionary gymnasia, real or commercial specialized schools or other secondary general educational schools.
Basic secondary	Graduated from middle schools: seven years schools or 7 forms in 1961 and earlier; eight years schools or 8, 9 forms of secondary schools in 1962-1989; 9, 10 forms in 1990 and later; are trained in 10-11 (12) forms; graduated from vocational schools on the basis of middle schools.
Primary education	Graduated from elementary schools: 3-6 forms in 1961 and earlier; 3-7 forms in 1962-1989; 3-8 forms in 1990 and later; are trained in 5-9 forms.
No primary education	3 (4) forms or are trained in 1-3 (4) forms but can read.

Principles of Sample Design and Data Quality Assessment of Population (Households) Sample Survey on issues of economic activity

For the purpose of conducting a population (households) sample survey on issues of economic activity (hereinafter - SEAP) a national territorial probability sample of non-institutional households has been built. The validity period of the geographical sample for the survey is as follows:

- in urban settlements – January, 2009 – December, 2013;
- in rural areas – May, 2008 – December, 2013.

The monthly sampling frame in 2013 averaged 16 600 households. All members of the selected households aged 15 - 70 years old inclusive were subject to interviewing. The results of the survey by means of statistical weighting cover the entire population of Ukraine of the specified age.

1. Sampling procedure

The survey population was build up based on the procedure of the multistage stratified sampling.

The general diagram of generating a household sampling frame is shown in Figure 1.

The sample generation procedure encompasses the following stages:

- 1) exclusion of areas that cannot be surveyed;
- 2) exclusion of population which is not subject to survey;
- 3) stratification of general population;
- 4) selection of first-stage territorial units;
- 5) selection of second-stage territorial units;
- 6) selection of households.

In the process of generating a territorial sample rural settlements (village councils) located in the alienation zone (zone I) and the zone of unconditional (mandatory) evacuation (zone II) of radiation pollution resulting from the Chernobyl nuclear power disaster are excluded from the total territory of Ukraine. Accordingly, the population living in this area is also excluded from the population of Ukraine and related areas.

The institutional population – conscripts, prisoners, persons permanently residing in nursing homes, senior centres etc., are excluded from the population.

Stratification of the general population is carried out for the purpose of adequate reflection of main features of the administrative territorial division of Ukraine and for ensuring selection from more homogeneous groups of households by their main characteristics. To this end, sample generation involves detection of strata which, within each region (27 regions: the Autonomous Republic of Crimea, 24 regions and the cities of Kyiv and Sevastopol) correspond to cities and city councils with a population of 100,000 persons and more (hereinafter – the “cities” of the region strata), towns, city councils and town councils with population of less than 100,000 persons (hereinafter – the “towns” of the region strata) and districts (except urban districts), i.e. administrative districts in rural areas (hereinafter – the “districts” of the region strata).

Thus, 52 strata have been formed in urban settlements (according to the number of regions and with allowance for lack of a “towns” stratum in Kyiv and Sevastopol municipalities), and 490 strata have been formed in rural areas (according to the number of rural areas). The size of the sample is distributed between the strata according to their size (population of a stratum) and the need to ensure a certain level of reliability of key indicators¹.

¹ Methods of generating sampling frames for conducting sample surveys of population (households) in 2009-2013: living conditions of households, economic activity of population and agricultural activities of the population in rural areas. - K: State Statistics Committee, 2009, in Ukrainian.

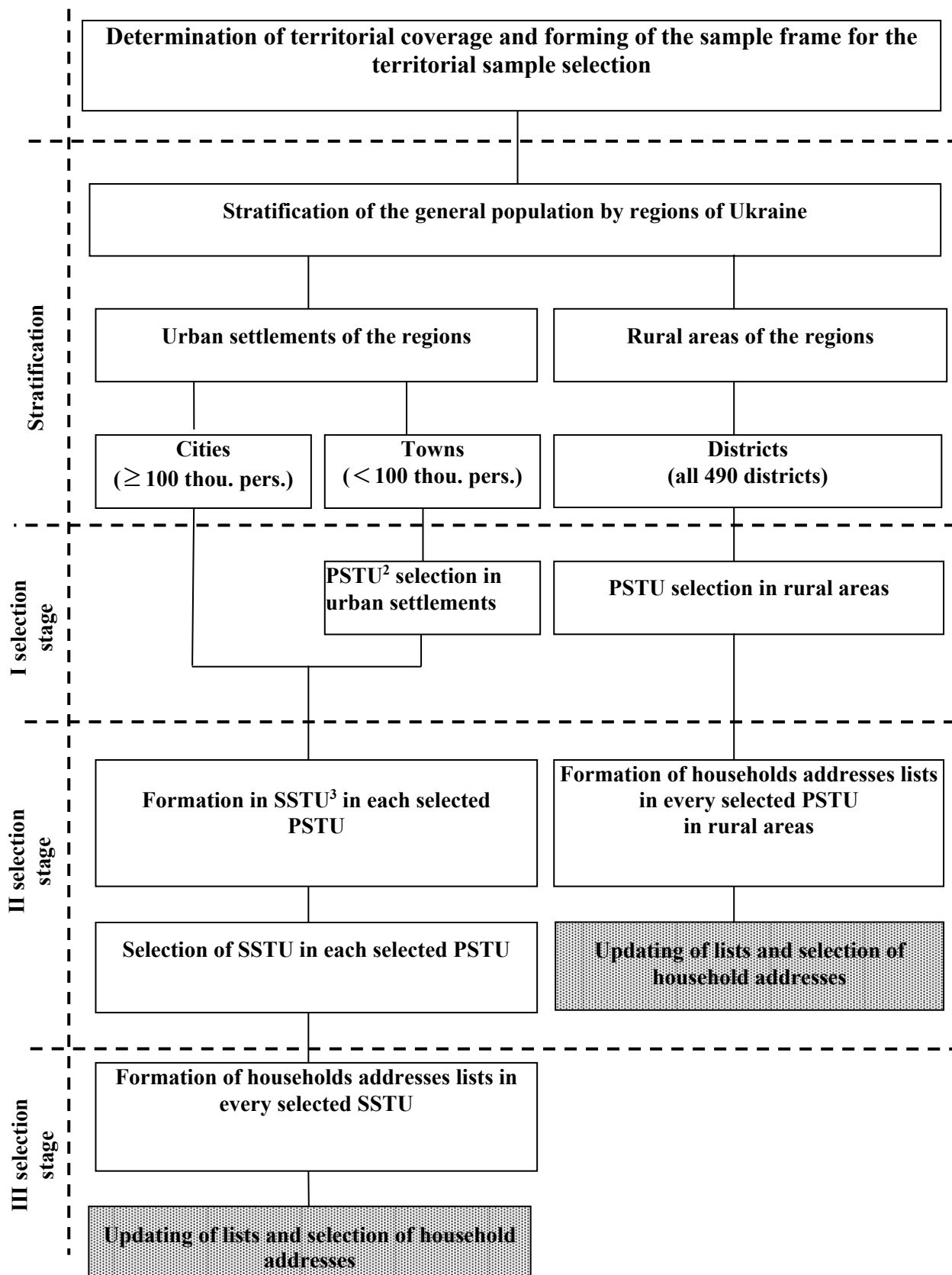


Fig. 1. Formation of the sample for base sample surveys of population (households) in 2009-2013. Note. Marked in grey are stages of sample generation implemented annually; marked in white are stages implemented once for the entire validity period of an area sample, i.e. from 2009 to 2013 inclusive.

² PSTUs are primary sample territorial unit: in urban settlements - cities and urban-type settlements, in rural areas - village councils.

³ SSTUs are secondary sample territorial unit: in urban settlements - instructor stations of the 30 September, 2007 early parliamentary elections.

1.1 Generation and selection of primary sample territorial unit

This stage of sample generation involves selection of city and town councils in urban settlements and village councils in rural areas. Selected territorial units of the first stage are primary sample territorial units.

In urban settlements, generation of a sampling frame and selection of PSTU goes separately within each "city" and "town" stratum of the region. Cities, urban-type settlements, city and village councils are accepted as territorial units. PSTU within the "city" strata are selected with probability 1, i.e. the sample includes all cities and city councils without selection, whereas within the "town" strata they are selected based on a random sampling mechanism with probability proportional to the size – amount of a PSTU population. Territorial units in the "towns" strata are arranged on the basis of their size. This increases the representativity of an area sample in terms of representation of towns of different sizes.

A number of interviewers and a sample size are identified along with PSTU selection.

The terms of conducting surveys stipulate that every PSTU of a "town" stratum shall be examined by one interviewer.

In rural areas, generation of a sampling frame and selection of PSTU is carried out within each "district" stratum generated in the rural areas of the regions. Separate village councils or groups of village councils formed with due regard for exceeding a set minimum total number of households are accepted as PSTU.

PSTU in the rural areas are selected within each stratum based on a random sampling mechanism with probability proportional to the size – a number of households in a PSTU. The PSTU for conducting SEAP are selected among the PSTU selected for a survey of agricultural activity of the population (SAAP) living in rural areas and arranged according to a "geographical serpentine" pattern.

Approximately one third of the PSTU covered by the 2004-2008 SEAP was preserved in rural areas in the process of generating an area sample for conducting SEAP in 2009-2013 in order to improve the reliability of estimation of changes and the possibility to mitigate the transition in terms of the continuity of time series.

1.2 Generation and selection of secondary sample territorial units

Generation and selection of secondary sample territorial units is the second stage of the procedure of generation of a household sampling frame in urban settlements. SSTU are selected within each PSTU during generation of an area sample once for its entire validity period.

The basis for SSTU generation in urban settlements is the Central Election Commission of Ukraine information and analytical data about location and characteristics of the polling stations in certain Ukrainian city (village) councils based on the materials of the 30 September, 2007 early parliamentary elections. The choice of this source ensues from the fact that the 2001 census data which were used in the previous five-year area sample cycle are no longer up to date.

Selection of SSTU is based on a random sampling mechanism with probability proportional to the size - the number of the electorate). All units of the second stage of selection within each selected city or village council are arranged according to a "geographical serpentine" pattern. Each interviewer surveys four SGSUs.

The distribution of the total number of SSTU in urban settlements and of PSTU in rural areas for conducting SEAP in 2009-2013 is shown in Table 1.

Table 1

**Distribution of the total number of selected territorial units for conducting SEAP
by the regions in 2009-2013**

	Total SSTU in urban settlements	including in		Total PSTU in rural areas
		cities	towns	
Ukraine	1544	828	716	584
Autonomous Republic of Crimea	64	36	28	17
oblasts				
Vinnitsia	52	20	32	29
Volyn	44	16	28	19
Dnipropetrovsk	120	88	32	24
Donetsk	140	88	52	24
Zhytomyr	36	12	24	24
Zakarpattia	36	8	28	21
Zaporizhia	68	48	20	27
Ivano-Frankivsk	36	16	20	21
Kyiv	60	12	48	26
Kirovohrad	48	20	28	22
Luhansk	76	40	36	23
Lviv	68	28	40	31
Mykolaiv	48	24	24	21
Odesa	72	40	32	28
Poltava	40	20	20	27
Rivne	28	12	16	18
Sumy	40	12	28	20
Ternopil	32	12	20	21
Kharkiv	88	48	40	29
Kherson	52	24	28	29
Khmelnysk	40	12	28	22
Cherkasy	44	16	28	21
Chernivtsi	32	16	16	17
Chernihiv	36	16	20	23
City of Kyiv (city council)	112	112	x	x
City of Sevastopol (city council)	32	32	x	x

1.3 Selection of households

The last stage of sample generation provides for selection of households. For this purpose a sampling frame – a specially arranged full list of household addresses (updated lists of residents or lists according to House Registers) is created for each SSTU in urban settlements and on each PSTU in rural areas. Households are selected from the sampling frame through a systematic sampling procedure, and at the same time rotation groups are created in accordance with a household rotation pattern in the sample.

2. Rotation of the households in the sample

The use of a household rotation pattern in the sample makes it possible to improve the reliability of comparisons of indicators in movement, which ensures updating of a sampling frame for each observation period and at the same time makes it possible to keep a certain part of it unchanged.

According to the existing rotation pattern (Fig. 2) each selected household is surveyed for a total of 6 periods: during three consecutive months followed by a nine month break, and then it is interviewed for another three months. Thus the household stays in the sample for 15 months but is interviewed only 6 times.

		<i>Months</i>											
		<i>01</i>	<i>02</i>	<i>03</i>	<i>04</i>	<i>05</i>	<i>06</i>	<i>07</i>	<i>08</i>	<i>09</i>	<i>10</i>	<i>11</i>	<i>12</i>
Rotation groups	57												
	58	58											
	59	59	59										
		60	60	60									
			61	61	61								
				62	62	62							
					63	63	63						
						64	64	64					
							65	65	65				
								66	66	66			
									67	67	67		
										68	68	68	
											69	69	
												70	
		69											
		70	70										
		71	71	71									
			72	72	72								
				73	73	73							
					74	74	74						
						75	75	75					
							76	76	76				
								77	77	77			
									78	78	78		
									79	79	79		
										80	80	80	
											81	81	
												82	

Fig. 2. Household rotation pattern of the 2013 sampling frame

3. Grossing up of survey results to the general population

Grossing up of selective data obtained from the answers of respondents aged 15-70 to the general population – the entire population of Ukraine of specified age, is the basis for calculation of the indicators of economic activity, employment and unemployment which are obtained from sample surveys reports. For this purpose, based on the provisions of “The Methods of Calculation of Statistical Weights For Application of Results of Sample Survey of Population (Households) Regarding Their Economic Activity to the General Population”, approved by Order No. 520 of the State Statistics Committee of Ukraine of 14.11.2006, we develop a system of statistical weights which are designed primarily to account for the following:

- household selection probabilities;
- actual levels of refusals of households and individuals from participating in the survey;
- harmonization of survey results with the demographic statistics data regarding the number and the gender and age structure of the population etc.

The final weight for the r -th person is calculated as the product of the base weight of a household and the corresponding weighting coefficients (reweighting coefficients) by the formula:

$$w_r = w_{B_r} \cdot k_{1r} \cdot \dots \cdot k_{nr}, \quad (1)$$

where w_r is the ultimate weight of a person and w_{B_r} is the base weight of a household a person is a member of;

k_{1r}, \dots, k_{nr} are weighting coefficients; n is a number of stages of adjusting statistical weights.

The system of weighting coefficients has to be as detailed as possible in order to reflect effects of various factors on the ultimate weights of persons.

3.1 Finding a base weight

In a household probability sample each household i of the general population has a certain general probability p_i to be included to the sample. In other words, this household represents $1/p_i$ of the general population households and, hence, it has to be calculated $1/p_i$ times. The value $1/p_i$ is a base weight of a household for applying the data to the general population:

$$w_{B_i} = w_{B_r} = 1/p_i. \quad (2)$$

The sample design implemented in the survey stipulates the use of the following components for designing base weights:

- PSTU selection probability – P_{1i} ;
- probability of selecting SSTU among urban settlements or selecting households in a rural area – P_{2i} ;
- probability of selecting households within a SSTU in urban settlements – P_{3i} .

The reciprocal variable of the product of these three probabilities for an urban area or of two probabilities for a rural area will be the base weight of a household.

In a general case of a three-stage sample this condition can be expressed by the following formula:

$$w_{B_i} = w_{B_r} = \frac{1}{(P_{1i} \cdot P_{2i} \cdot P_{3i})}, \quad (3)$$

In the process of generating a sampling frame of households for monthly surveys in 2013 the average share of household selection was $1/888$, i.e. one household of the sample represented an average of 888 households of the general population.

3.2 Accounting for household non-response

A special system of cells is created to account for household non-responses. The system of cells is a system of attributes to be used for grouping the units of general population and (or) a sampling frame. The main tasks which are fulfilled by creation of cells are accounting for peculiarities of the geographical coverage of a sample in the process of adjusting the statistical weights of households and securing a certain number of households in each cell.

Creation of a system of cells in SEAP involves the use of the following classification variables:

- region - 27 discrete values (the Autonomous Republic of Crimea, 24 oblasts of Ukraine, cities of Kyiv and Sevastopol);
- type of area – 2 discrete values (urban settlements, rural areas).

Besides, it accounts for the degree of territorial proximity groups of households which are included in a particular cell.

The above information is used for construction of cells by merging separate geographical units according to a special pattern: SSTU in urban areas corresponding to PSTU in rural areas.

The established minimum number of households which were surveyed in each cell is equal to 50. A cell with a number of surveyed households smaller than the established value is merged with another (adjacent) cell belonging to the same administrative unit. Thus, an individual system of cells is created for each survey in order to adjust the statistical weights of households.

The total number of households in cell n_l is determined based on the results of selection of households in geographical units. Non-residential premises, locked rooms and nonexistent addresses are excluded from the total number of households in the cell.

The non-response factor is calculated for each l cell by the formula:

$$k_l = k_{1r} = \frac{\sum_{i=1}^n w_{Bi} \cdot \lambda_{li}}{\sum_{i=1}^n w_{Bi} \cdot \lambda_{li} \cdot \eta_{li}}, \quad (4)$$

$$\text{where } \lambda_{li} = \begin{cases} 1, & \text{if } i \in M_l; \\ 0, & \text{if } i \notin M_l; \end{cases}$$

M_l – a household set of l cell;

$$\eta_{li} = \begin{cases} 1, & \text{if a household took part in a survey} \\ 0, & \text{if a household refused to take part in a survey} \end{cases}$$

The refusal factor values k_{2r} are the same within each cell.

The weights of households with account for household non-response w_{li} are calculated by the following formula:

$$w_{li} = w_{Bi} \cdot k_{1r}. \quad (5)$$

3.3 Accounting for non-response of persons

A special system of cells is created based on the aggregate of households surveyed to account for refusals of persons to be surveyed.

The cell code is defined similarly to the cell code for accounting for household non-responses to be surveyed.

The total number of persons in cell n_p is determined based on the results of the interviews for the current month. The non-response factor k_{2r} is calculated for each cell p by the formula:

$$k_p = k_{2r} = \frac{\sum_{i=1}^n w_{li} \cdot \lambda_{pi}}{\sum_{i=1}^n w_{li} \cdot \lambda_{pi} \cdot \eta_{pi}}, \quad (6)$$

where

$$\lambda_{pr} = \begin{cases} 1, & \text{if } p \in M_p; \\ 0, & \text{if } p \notin M_p; \end{cases}$$

M_p is a set of persons of cell p ;

$$\eta_{li} = \begin{cases} 1, & \text{if a household took part in a survey} \\ 0, & \text{if a household refused to take part in a survey} \end{cases}$$

The non-response factor values k_{2r} are the same within each cell.

The weights of persons with account for their non-response to be surveyed w_{2r} are calculated by the following formula:

$$w_{2r} = w_{li} \cdot k_{2r} \quad (7)$$

3.4 Elimination of post-stratification effects

To eliminate the post-stratification effects, a system of cells can be created based on the following classification variables:

- region – 27 discrete values (the Autonomous Republic of Crimea, 24 regions, cities of Kyiv and Sevastopol);
- type of area – 2 discrete values (urban settlements, rural areas);
- respondent gender – 2 discrete values (women, men);
- respondent age group – 11 discrete values (15-19 years old, 20-24 years old, 25-29 years old, 30-34 years old, 35-39 years old, 40-44 years old, 45-49 years old, 50-54 years old, 55-59 years old, 60-64 years old, 65-70 years old).

For this purpose the cell code is calculated by the following formula:

$c_q = \text{a region attribute} * 1000 + \text{an area type attribute} * 100 + \text{a gender attribute} * 10 + \text{an age group attribute}$.

The total number of persons in cell n_q is determined by the results of the survey for the current month.

The total number of persons of the general population cell N_q is determined once a year according to the demographic statistics as of January 1 of the current year.

The factors for elimination of post-stratification effects k_{3r} are calculated for each cell q by the following formula:

$$k_q = k_{3r} = \frac{N_q}{\sum_r w_{2r} \cdot \lambda_{qr}}, \quad (8)$$

$$\text{where } \lambda_{qr} = \begin{cases} 1, & \text{if } q \in M_q; \\ 0, & \text{if } q \notin M_q; \end{cases}$$

M_q is a set of persons of cell q .

The non-response factor values k_{3r} are the same within each cell. The weights of persons after elimination of post-stratification effects w_{3r} are calculated by the following formula:

$$w_{3r} = w_{2r} \cdot k_{3r} \quad (9)$$

The ultimate weights of persons w_r equal w_{3r} .

4. Assessment of the sample quality

Since stratification of the sample was based on the type of area, assessment of the sample quality involved the use of the data about the sex and age structure of the population aged 15-70. The comparative data are presented in Table 2.

Table 2

Comparison of sex and age structure of persons aged 15-70 according to the demographic statistics as of 01.01.2013 and the SEAP results (unweighted)

Age groups	Both sexes			Women			Men		
	Survey results	Demographic statistics	Bias (perc. points)	Survey results	Demographic statistics	Bias (perc. points)	Survey results	Demographic statistics	Bias (perc. points)
Population aged 15–70 including by age group:	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0	0.0
15-19 years	6.0	7.1	-1.1	5.4	6.6	-1.2	6.7	7.7	-1.0
20-24 years	6.5	9.6	-3.1	5.9	8.8	-2.9	7.2	10.3	-3.1
25-29 years	7.9	11.3	-3.4	7.5	10.7	-3.2	8.4	12.4	-4.0
30-34 years	8.4	10.3	-1.9	8.0	9.7	-1.7	8.9	10.9	-2.0
35-39 years	8.8	9.7	-0.9	8.7	9.3	-0.6	8.9	10.0	-1.1
40-44 years	9.7	9.2	0.5	9.4	9.0	0.4	9.8	9.4	0.4
45-49 years	9.8	9.1	0.7	9.7	9.2	0.5	10.0	9.1	0.9
50-54 years	11.6	10.3	1.3	11.6	10.7	0.9	11.6	9.9	1.7
55-59 years	11.1	9.2	1.9	11.6	9.8	1.8	10.5	8.4	2.1
60-64 years	11.1	8.3	2.8	11.9	9.2	2.7	10.3	7.2	3.1
65-70 years	9.1	5.9	3.2	10.3	7.0	3.3	7.7	4.7	3.0

The data in Table 2 indicate that the sample reflects adequately the gender-age structure of the population. The largest deviation is 4.0 percentage points for men aged 25-29.

5. Methodological clarifications on data quality assessment

For assessment of the quality of the indicators based on the data of a sample survey, a sample error value indicator is used. It defines the limits of confidence intervals of possible values of the indicator according to the survey results. The estimate of an index for which a sample error value is considerable as compared with the value of the estimate per se, cannot be used in the analysis of survey results.

A sampling error (*SE*) is calculated as a standard error according to the following formula:

$$SE = \sqrt{\frac{\sigma^2}{n}}, \quad (10)$$

where σ^2 is a variance which describes the indicator values variation on sample units;
 n – sample size.

Value σ^2 is calculated by the following complex design formula for a sample:

$$\sigma^2 = deff \times \frac{\sum_{i=1}^{i=1} (y_i - \bar{y})^2}{n}, \quad (11)$$

where y_i is an attribute value for a household i ;

\bar{y} is a mean attribute value for a sampling frame;

deff is a parameter reflecting the effect of a sample design on the attribute variance value (a design effect).

To determine the variances, standard errors and design effect values for samples with a complex design special calculation methods are used.

The quality of sample surveys data is characterized by the error limit of the sample *LSE* and the coefficient of variation *CV*.

The value of an error limit of the sample *LSE* determines the confidence interval limits for the indicator estimate and is calculated by the following formula:

$$LSE = t \cdot SE, \quad (12)$$

where *t* is a confidence number which determines the ratio between a limit and a standard error at a given probability (*p* is a probability that the sampling error for assessing the value shall not exceed *LSE*).

Error limit of the sample is used to construct confidence limits estimates (bounds of confidence intervals). For example,

$$\bar{y}_L = \bar{y} - LSE; \bar{y}_R = \bar{y} + LSE, \quad (13)$$

where y_L is the lower confidence limit of the interval estimation of a mean value;

y_R is the upper confidence limit of the interval estimation of a mean value.

The coefficient of variation *CV* is calculated by the following formula:

$$CV = \frac{SE}{\bar{y}} \times 100 (\%), \quad (14)$$

The coefficient of variation is used as an indicator of data suitability for analysis. If $CV \leq 5\%$, the estimate is regarded reliable; if $5\% < CV \leq 10\%$, the estimate is suitable for a quantitative analysis but its reliability is not high enough; if $10\% < CV \leq 25\%$, the estimate is suitable only for a qualitative analysis and should be used with discretion, if $25\% < CV \leq 50\%$, the estimate is regarded unreliable, if *CV* is more than 50%, the information cannot be published due to its unsuitability for use.

6. Characteristics of reliability of key indicators of economic activity of population obtained on the basis of sample survey in 2013

Annexes 1.1-4.5 give the values of reliability characteristics (standard sample error, limiting sample error and variation coefficient) for the estimates of absolute and relative average annual and quarterly indicators of the population's economic activity, employment, unemployment and economic activity by sex, type of locality, age group, education level across Ukraine and by its region.

The presented data reveal that the obtained estimates of indicators are sufficiently reliable both for Ukraine and for the highlighted sections. Thus, the variation coefficient for the estimate of average annual number of economically action population for the level of Ukraine equals to 1.2% that shows the high reliability of the estimate (annex 1.1). The variation coefficient for the estimate of the number of economically active population has the largest value for the Ukraine rural population - 2.9%. The quarterly data are also rather reliable, they could be used both for the quantitative and qualitative analysis.

The range of limiting sample error for the average annual number of economically active population is 496.1 thousand persons. This implies that with the 0.95 probability, the range of the average annual number of economically active population is within the bounds of 21,980.6 thousand persons +/- 496.1 thousand persons, i.e. within the interval of 21,484.5 - 22,476.7 thousand persons.

A sufficiently high level of reliability has the estimates of indicators for the number of the employed population (annex 2.1) and economically inactive population (annex 4.1) for which in rural areas the largest value of variation coefficient is 3.2% in QIII and 3.4% in QI accordingly. At the same time, the estimate of the number of the unemployed population across Ukraine in the mentioned area (annex 3.1) is less reliable as compared to the estimates of the abovementioned indicators (the maximum value of variation coefficient in QIII is 11.4%).

At large, the results regarding the reliability level of data are similar to the estimates of relative indicators: the population's economic activity rate (annex 1.2), population employment rate

(annex 2.2), unemployment rate (annex 3.2) and population's economic inactivity rate (annex 4.2). Herewith, for the first two indicators variation coefficients are lower than when estimating the relevant absolute indicators and this is natural and is explained by particular specifics of indicators.

The reliability of estimating the unemployment rate is almost the same as when estimating the number of the unemployed. This is because it is necessary to take into consideration the quality estimates of the number of economically active population by sections being considered. Thus, in QIII in rural areas, the largest value of variation coefficient for this indicator is 9.7%.

The estimates of relative indicators by age group - the population economic activity rate (annex 1.3), population employment rate (annex 2.3) and population economic inactivity rate (annex 4.3) - show that for a majority of age groups they have a rather high reliability. However, for age group 15-19, the variation coefficients regarding the population economic activity rate reach 5.4% and 6.0% as for population employment rate.

The latter phenomenon is observed for the population unemployment rate (annex 3.3) as well, for whose estimates the variation coefficient surpasses 5.0% by all age groups and for persons aged 15-19 and 55-59 it equals to 10.6% and 11.8% accordingly.

The quality estimates of the abovementioned indicators by education level show that for the population groups inconsiderable in numbers the lowest reliability level of relative indicators is observed than for those more presented in the sample.

The sufficiently high level of reliability (variation coefficient has not surpassed 5.1%) has the estimates of indicators for economic activity rate (annex 1.4), population employment rate (annex 2.4) and population economic inactivity rate (annex 4.4) for a majority of education levels. Apart from some indicators compiled for persons with first level education or those who do not have any education at all. Thus, for the estimates of the population economic activity rate and population employment rate with the first level education or without any education, the variation coefficient is 9.2%, this permits to use the estimate for quantitative analysis, however, this also shows somewhat less reliability as compared with the indicators compiled by other education levels. At the same time, for the population economic inactivity rate with the mentioned education level, the opposite phenomenon is observed (the variation coefficient equals to 1.3%).

As to the estimates of indicator for the population unemployment rate (annex 3.4), for the persons with the complete and incomplete tertiary education as well as with the complete general secondary education the value of the variation coefficient for this indicator does not surpass 5% and this shows high reliability of those data. However, for the persons with basic tertiary education and basic general secondary education the estimate of unemployment rate is less reliable since the variation coefficient is 20.3% and 11.3% accordingly. As the quality indicator regarding unemployment rate for persons who had the initial secondary education or did not have any education at all shows, the estimate is unacceptable for use (the variation coefficient surpasses 50%) and because of that this information is not released.

The estimates of indicators for regional levels are at large less reliable than for the level of Ukraine. This is explained, in the first place, by significantly lesser sample size for each selected region.

Thus, for the economic activity rate, employment rate and population economic inactivity rate, the accuracy of the obtained estimates for regions is satisfactory (annexes 1.5, 2.5, 4.5). Herewith, almost for all regions the value of the variation coefficient does not surpass 5%.

Special attention is drawn to the indicator for unemployment rate by Ukraine region (annex 3.5). As the results of reliability analysis show, for the three regions the value of the variation coefficient is within the bounds of 7.9% to 10.5%; for the 10 regions from 11.2% to 14.1% and for the 14 regions the value of the variation coefficient exceeds 15%.

**Reliability estimates of number of economically active population aged 15-70
by sex and place of residence, 2013**

	Economically active population aged 15-70, thsd. prs.	Standard error of sample (SE), thsd. prs	Error limit of sample, (LSE), thsd. prs	Coefficient of variation (CV), %
I quarterly				
Total	21,840.4	283.8	556.3	1.3
including				
Women	10,431.0	142.8	279.9	1.4
Men	11,409.4	177.7	348.2	1.6
Urban settlements	15,052.1	205.6	403.1	1.4
Rural areas	6,788.3	202.4	396.7	3.0
II quarterly				
Total	22,205.2	320.2	627.6	1.4
including				
Women	10,656.6	152.9	299.7	1.4
Men	11,548.6	200.5	392.9	1.7
Urban settlements	15,200.4	250.1	490.1	1.6
Rural areas	7,004.8	209.6	410.8	3.0
III quarterly				
Total	22,238.4	325.9	638.7	1.5
including				
Women	10,665.0	163.7	320.9	1.5
Men	11,573.4	181.3	355.3	1.6
Urban settlements	15,204.2	228.8	448.4	1.5
Rural areas	7,034.2	235.2	461.1	3.3
IV quarterly				
Total	21,638.5	237.4	465.4	1.1
including				
Women	10,250.9	150.9	295.7	1.5
Men	11,387.6	132.0	258.8	1.2
Urban settlements	14,833.3	119.4	233.9	0.8
Rural areas	6,805.2	206.2	404.1	3.0
Average per year				
Total	21,980.6	253.1	496.1	1.2
including				
Women	10,500.9	129.3	253.4	1.2
Men	11,479.7	134.2	263.0	1.2
Urban settlements	15,072.6	165.4	324.1	1.1
Rural areas	6,908.0	197.1	386.3	2.9

**Reliability estimates of economic activity rate of population aged 15-70
by sex and place of residence, 2013**

	Economic activity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
I quarterly				
Total	64.5	0.3	0.6	0.5
including				
Women	58.6	0.4	0.7	0.6
Men	71.2	0.4	0.9	0.6
Urban settlements	63.3	0.3	0.6	0.5
Rural areas	67.3	0.8	1.5	1.2
II quarterly				
Total	65.6	0.4	0.7	0.6
including				
Women	59.8	0.4	0.8	0.7
Men	72.1	0.4	0.8	0.6
Urban settlements	64.0	0.4	0.8	0.6
Rural areas	69.5	0.8	1.6	1.2
III quarterly				
Total	65.7	0.4	0.9	0.7
including				
Women	59.9	0.5	0.9	0.8
Men	72.2	0.5	1.0	0.7
Urban settlements	64.0	0.5	0.9	0.7
Rural areas	69.8	1.0	1.9	1.4
IV quarterly				
Total	63.9	0.4	0.7	0.6
including				
Women	57.5	0.5	0.9	0.8
Men	71.1	0.5	0.9	0.7
Urban settlements	62.4	0.4	0.7	0.6
Rural areas	67.5	0.8	1.6	1.2
Average per year				
Total	65.0	0.3	0.6	0.4
including				
Women	58.9	0.3	0.6	0.5
Men	71.6	0.3	0.6	0.4
Urban settlements	63.4	0.2	0.5	0.4
Rural areas	68.5	0.7	1.4	1.1

**Reliability estimates of economic activity rate of population aged 15-70
by age group, 2013**

	Economic activity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	65.0	0.3	0.6	0.4
including				
15-19 years	11.5	0.6	1.2	5.4
20-24 years	60.1	0.8	1.7	1.4
25-29 years	80.8	0.5	1.0	0.6
30-34 years	83.9	0.3	0.7	0.4
35-39 years	86.6	0.4	0.7	0.4
40-44 years	87.0	0.4	0.9	0.5
45-49 years	84.6	0.5	0.9	0.6
50-54 years	78.5	0.6	1.2	0.8
55-59 years	54.3	0.6	1.2	1.1
60-64 years	28.0	0.6	1.1	2.0
65-70 years	18.0	0.7	1.4	3.9
Working age	73.1	0.3	0.5	0.4
Over working age	25.9	0.6	1.1	2.2

**Reliability estimates of economic activity rate of population aged 15-70
by level of education, 2013**

	Economic activity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	65.0	0.3	0.6	0.4
including persons with education				
complete higher	78.4	0.3	0.7	0.4
basic higher	49.0	2.4	4.6	4.8
uncompleted higher	70.9	0.4	0.7	0.5
complete secondary	63.2	0.4	0.8	0.6
basic secondary	34.4	0.8	1.7	2.5
primary education or not educated	12.4	1.1	2.2	9.2

**Reliability estimates of economic activity rate of population aged 15-70
by region, 2013**

	Economic activity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Ukraine	65.0	0.3	0.6	0.4
Autonomous Republic of Crimea	66.1	1.2	2.3	1.8
oblasts				
Vinnitsia	65.1	1.7	3.4	2.7
Volyn	64.8	1.8	3.5	2.8
Dnipropetrovsk	66.5	0.8	1.6	1.2
Donetsk	65.4	0.7	1.4	1.1
Zhytomyr	66.0	2.2	4.4	3.4
Zakarpattia	63.5	1.6	3.0	2.4
Zaporizhia	65.6	1.0	1.9	1.5
Ivano-Frankivsk	59.8	1.2	2.4	2.0
Kyiv	63.4	1.5	3.0	2.4
Kirovohrad	64.5	1.6	3.2	2.5
Luhansk	63.3	1.1	2.1	1.7
Lviv	63.3	1.4	2.6	2.1
Mykolaiv	65.4	1.1	2.1	1.6
Odesa	63.0	1.5	2.9	2.4
Poltava	64.7	1.8	3.6	2.8
Rivne	65.7	1.3	2.6	2.0
Sumy	65.1	1.2	2.4	1.9
Ternopil	62.0	1.7	3.4	2.8
Kharkiv	65.7	1.6	3.1	2.4
Kherson	65.2	1.7	3.3	2.6
Khmelnysk	64.9	2.5	5.0	3.9
Cherkasy	65.8	1.7	3.3	2.6
Chernivtsi	63.4	2.9	5.6	4.5
Chernihiv	66.8	1.1	2.1	1.6
City of Kyiv	68.4	0.8	1.6	1.2
City of Sevastopol	66.3	1.3	2.5	1.9

**Reliability estimates of number of employed population aged 15-70
by sex and place of residence, 2013**

	Employed population aged 15-70, thsd. prs.	Standard error of sample (SE), thsd. prs.	Error limit of sample (LSE), thsd. prs.	Coefficient of variation (CV), %
I quarterly				
Total	20,084.5	252.3	494.4	1.3
including				
Women	9,732.4	135.0	264.5	1.4
Men	10,352.1	154.2	302.3	1.5
Urban settlements	13,877.7	176.6	346.1	1.3
Rural areas	6,206.8	188.0	368.5	3.0
II quarterly				
Total	20,675.3	312.4	612.3	1.5
including				
Women	10,052.4	139.1	272.7	1.4
Men	10,622.9	200.1	392.1	1.9
Urban settlements	14,151.2	245.1	480.4	1.7
Rural areas	6,524.1	199.0	390.0	3.0
III quarterly				
Total	20,864.2	294.5	577.2	1.4
including				
Women	10,032.4	157.7	309.2	1.6
Men	10,831.8	156.9	307.6	1.4
Urban settlements	14,230.6	206.2	404.2	1.4
Rural areas	6,633.6	211.7	415.0	3.2
IV quarterly				
Total	19,992.4	228.4	447.7	1.1
including				
Women	9,573.1	144.5	283.3	1.5
Men	10,419.3	125.6	246.2	1.2
Urban settlements	13,733.1	133.6	261.9	1.0
Rural areas	6,259.3	188.8	370.0	3.0
Average per year				
Total	20,404.1	240.5	471.3	1.2
including				
Women	9,847.6	120.3	235.7	1.2
Men	10,556.5	130.1	255.0	1.2
Urban settlements	13,998.2	161.7	316.9	1.2
Rural areas	6,405.9	183.2	359.1	2.9

**Reliability estimates of employment rate of population aged 15-70
by sex and place of residence, 2013**

	Employment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
I quarterly				
Total	59.3	0.3	0.6	0.5
including				
Women	54.6	0.4	0.8	0.7
Men	64.6	0.5	1.0	0.8
Urban settlements	58.4	0.2	0.5	0.4
Rural areas	61.6	0.8	1.6	1.3
II quarterly				
Total	61.1	0.4	0.9	0.7
including				
Women	56.4	0.4	0.9	0.8
Men	66.3	0.5	1.1	0.8
Urban settlements	59.6	0.5	0.9	0.8
Rural areas	64.7	0.9	1.9	1.5
III quarterly				
Total	61.7	0.4	0.8	0.6
including				
Women	56.3	0.5	1.0	0.9
Men	67.6	0.4	0.8	0.6
Urban settlements	59.9	0.4	0.7	0.6
Rural areas	65.8	0.9	1.8	1.4
IV quarterly				
Total	59.1	0.4	0.8	0.7
including				
Women	53.7	0.5	0.9	0.9
Men	65.0	0.6	1.1	0.9
Urban settlements	57.8	0.4	0.7	0.7
Rural areas	62.1	1.0	1.9	1.6
Average per year				
Total	60.3	0.3	0.6	0.5
including				
Women	55.3	0.3	0.6	0.6
Men	65.9	0.3	0.7	0.5
Urban settlements	58.9	0.2	0.5	0.4
Rural areas	63.5	0.8	1.6	1.2

**Reliability estimates of employment rate of population aged 15-70
by age group, 2013**

	Employment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	60.3	0.3	0.6	0.5
including				
15-19 years	8.5	0.5	1.0	6.0
20-24 years	50.3	0.7	1.3	1.4
25-29 years	73.8	0.6	1.2	0.8
30-34 years	78.4	0.5	0.9	0.6
35-39 years	81.3	0.6	1.2	0.8
40-44 years	81.1	0.5	1.0	0.6
45-49 years	79.8	0.6	1.2	0.8
50-54 years	73.8	0.7	1.3	0.9
55-59 years	52.4	0.6	1.2	1.2
60-64 years	28.0	0.6	1.1	2.0
65-70 years	18.0	0.7	1.4	3.9
Working age	67.4	0.3	0.6	0.4
Over working age	25.8	0.6	1.1	2.2

**Reliability estimates of employment rate of population aged 15-70
by level of education, 2013**

	Employment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	60.3	0.3	0.6	0.5
including persons with education				
complete higher	73.3	0.4	0.7	0.5
basic higher	43.7	2.2	4.4	5.1
uncompleted higher	65.9	0.4	0.8	0.6
complete secondary	58.4	0.4	0.8	0.7
basic secondary	32.0	0.9	1.8	2.8
primary education or not educated	12.0	1.1	2.2	9.2

**Reliability estimates of employment rate of population aged 15-70
by region, 2013**

	Employment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Ukraine	60.3	0.3	0.6	0.5
Autonomous Republic of Crimea	62.3	0.9	1.8	1.5
oblasts				
Vinnytsia	59.6	1.6	3.2	2.8
Volyn	59.7	1.6	3.2	2.7
Dnipropetrovsk	62.1	0.9	1.7	1.4
Donetsk	60.3	0.7	1.4	1.2
Zhytomyr	59.9	1.6	3.1	2.6
Zakarpattia	58.6	1.2	2.3	2.0
Zaporizhia	61.3	1.1	2.1	1.7
Ivano-Frankivsk	55.4	1.2	2.3	2.1
Kyiv	59.5	1.6	3.2	2.7
Kirovohrad	59.5	1.5	2.9	2.5
Luhansk	59.4	1.1	2.1	1.8
Lviv	58.8	1.4	2.7	2.3
Mykolaiv	60.6	1.1	2.1	1.8
Odesa	59.6	1.5	3.0	2.5
Poltava	59.4	1.9	3.8	3.3
Rivne	59.6	1.7	3.3	2.8
Sumy	60.1	1.4	2.8	2.4
Ternopil	56.2	1.7	3.4	3.1
Kharkiv	61.5	1.6	3.2	2.6
Kherson	59.6	1.9	3.7	3.2
Khmelnysk	59.7	2.6	5.1	4.3
Cherkasy	59.9	1.9	3.6	3.1
Chernivtsi	58.7	2.9	5.6	4.9
Chernihiv	60.6	1.3	2.5	2.1
City of Kyiv	64.9	0.9	1.7	1.4
City of Sevastopol	62.5	1.2	2.3	1.9

**Reliability estimates of number of unemployed population aged 15-70
by sex and place of residence, 2013**

	Unemployed population aged 15-70, thsd. prs.	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
I quarterly				
Total	1,755.9	88.6	173.7	5.0
including				
Women	698.6	47.8	93.6	6.8
Men	1,057.3	72.1	141.4	6.8
Urban settlements	1,174.4	72.7	142.5	6.2
Rural areas	581.5	48.8	95.7	8.4
II quarterly				
Total	1,529.9	78.3	153.4	5.1
including				
Women	604.2	48.3	94.7	8.0
Men	925.7	49.6	97.2	5.4
Urban settlements	1,049.2	67.4	132.2	6.4
Rural areas	480.7	38.7	75.8	8.0
III quarterly				
Total	1,374.2	66.9	131.2	4.9
including				
Women	632.6	48.1	94.2	7.6
Men	741.6	58.0	113.7	7.8
Urban settlements	973.6	49.4	96.8	5.1
Rural areas	400.6	45.6	89.4	11.4
IV quarterly				
Total	1,646.1	88.0	172.5	5.3
including				
Women	677.8	54.1	106.0	8.0
Men	968.3	66.0	129.3	6.8
Urban settlements	1,100.2	70.1	137.3	6.4
Rural areas	545.9	53.3	104.4	9.8
Average per year				
Total	1,576.5	44.2	86.7	2.8
including				
Women	653.3	25.1	49.3	3.8
Men	923.2	38.0	74.5	4.1
Urban settlements	1,074.4	32.1	62.9	3.0
Rural areas	502.1	30.1	58.9	6.0

**Reliability estimates of unemployment rate of population aged 15-70
by sex and place of residence, 2013**

	Unemployment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
I quarterly				
Total	8.0	0.4	0.7	4.6
including				
Women	6.7	0.4	0.9	6.5
Men	9.3	0.6	1.1	6.2
Urban settlements	7.8	0.4	0.9	5.6
Rural areas	8.6	0.7	1.3	7.7
II quarterly				
Total	6.9	0.3	0.7	5.0
including				
Women	5.7	0.4	0.8	7.4
Men	8.0	0.4	0.8	5.4
Urban settlements	6.9	0.4	0.9	6.3
Rural areas	6.9	0.5	1.0	7.5
III quarterly				
Total	6.2	0.3	0.5	4.2
including				
Women	5.9	0.4	0.9	7.4
Men	6.4	0.5	0.9	7.1
Urban settlements	6.4	0.3	0.6	4.4
Rural areas	5.7	0.6	1.1	9.7
IV quarterly				
Total	7.6	0.4	0.8	5.2
including				
Women	6.6	0.5	1.0	7.7
Men	8.5	0.6	1.1	6.5
Urban settlements	7.4	0.5	0.9	6.4
Rural areas	8.0	0.7	1.4	8.9
Average per year				
Total	7.2	0.2	0.4	2.6
including				
Women	6.2	0.2	0.4	3.5
Men	8.0	0.3	0.6	4.0
Urban settlements	7.1	0.2	0.4	3.0
Rural areas	7.3	0.4	0.7	5.1

**Reliability estimates of unemployment rate of population aged 15-70
by age group, 2013**

	Unemployment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	7.2	0.2	0.4	2.6
including				
15-19 years	25.5	2.7	5.3	10.6
20-24 years	16.2	0.8	1.6	5.2
25-29 years	8.7	0.6	1.2	6.9
30-34 years	6.6	0.5	1.0	7.5
35-39 years	6.1	0.6	1.1	9.4
40-44 years	6.8	0.5	1.0	7.3
45-49 years	5.6	0.4	0.8	7.1
50-54 years	6.0	0.5	0.9	7.7
55-59 years	3.5	0.4	0.8	11.8
60-64 years	-	-	-	-
65-70 years	-	-	-	-
Working age	7.7	0.2	0.4	2.6
Over working age	:	:	:	99.6

**Reliability estimates of unemployment rate of population aged 15-70
by level of education, 2013**

	Unemployment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	7.2	0.2	0.4	2.6
including persons with education				
complete higher	6.6	0.3	0.5	3.9
basic higher	11.0	2.2	4.4	20.3
uncompleted higher	7.0	0.3	0.7	5.0
complete secondary	7.6	0.4	0.7	4.7
basic secondary	6.9	0.8	1.5	11.3
primary education or not educated	:	:	:	78.7

**Reliability estimates of unemployment rate of population aged 15-70
by region, 2013**

	Unemployment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Ukraine	7.2	0.2	0.4	2.6
Autonomous Republic of Crimea	5.7	1.1	2.1	18.7
oblasts				
Vinnitsia	8.4	1.0	2.0	12.2
Volyn	7.8	0.9	1.8	11.6
Dnipropetrovsk	6.5	0.7	1.5	11.4
Donetsk	7.8	0.6	1.2	7.9
Zhytomyr	9.3	1.5	2.9	15.8
Zakarpattia	7.8	1.4	2.7	17.7
Zaporizhia	6.6	0.7	1.4	11.2
Ivano-Frankivsk	7.2	0.9	1.7	11.8
Kyiv	6.1	1.0	2.0	16.7
Kirovohrad	7.9	0.8	1.6	10.5
Luhansk	6.2	0.7	1.4	11.3
Lviv	7.1	1.1	2.1	15.2
Mykolaiv	7.4	1.2	2.3	15.7
Odesa	5.3	1.2	2.4	22.7
Poltava	8.2	2.0	3.9	24.1
Rivne	9.4	1.9	3.8	20.4
Sumy	7.7	1.9	3.6	24.0
Ternopil	9.4	1.5	2.9	15.9
Kharkiv	6.4	1.1	2.2	17.7
Kherson	8.5	1.0	2.0	12.2
Khmelnysk	8.0	1.1	2.2	14.1
Cherkasy	8.9	1.0	2.0	11.5
Chernivtsi	7.4	1.7	3.4	23.4
Chernihiv	9.3	0.8	1.6	8.5
City of Kyiv	5.2	0.7	1.4	13.4
City of Sevastopol	5.7	1.5	2.9	26.0

**Reliability estimates of number of economically inactive population aged 15-70
by sex and place of residence, 2013**

	Economically inactive population aged 15-70, thsd. prs.	Standard error of sample (SE), thsd. prs	Error limit of sample, (LSE), thsd. prs	Coefficient of variation (CV), %
I quarterly				
Total	12,001.9	161.7	317.0	1.3
including				
Women	7,384.1	98.3	192.7	1.3
Men	4,617.8	97.0	190.1	2.1
Urban settlements	8,708.2	112.1	219.7	1.3
Rural areas	3,293.7	112.3	220.1	3.4
II quarterly				
Total	11,637.1	137.2	268.9	1.2
including				
Women	7,158.5	94.3	184.8	1.3
Men	4,478.6	67.2	131.7	1.5
Urban settlements	8,559.9	113.9	223.2	1.3
Rural areas	3,077.2	89.6	175.6	2.9
III quarterly				
Total	11,603.9	173.3	339.7	1.5
including				
Women	7,150.1	104.0	203.9	1.5
Men	4,453.8	95.3	186.8	2.1
Urban settlements	8,556.1	150.4	294.8	1.8
Rural areas	3,047.8	91.3	179.0	3.0
IV quarterly				
Total	12,203.8	162.5	318.4	1.3
including				
Women	7,564.2	115.7	226.8	1.5
Men	4,639.6	89.2	174.8	1.9
Urban settlements	8,927.0	135.5	265.5	1.5
Rural areas	3,276.8	97.7	191.5	3.0
Average per year				
Total	11,861.7	131.2	257.2	1.1
including				
Women	7,314.2	79.3	155.4	1.1
Men	4,547.5	65.3	128.0	1.4
Urban settlements	8,687.7	105.3	206.4	1.2
Rural areas	3,174.0	82.5	161.7	2.6

**Reliability estimates of economic inactivity rate of population aged 15-70
by sex and place of residence, 2013**

	Economic inactivity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
I quarterly				
Total	35.5	0.3	0.6	0.9
including				
Women	41.4	0.4	0.7	0.9
Men	28.8	0.4	0.9	1.6
Urban settlements	36.7	0.3	0.6	0.9
Rural areas	32.7	0.8	1.5	2.4
II quarterly				
Total	34.4	0.4	0.7	1.1
including				
Women	40.2	0.4	0.8	1.0
Men	27.9	0.4	0.8	1.5
Urban settlements	36.0	0.4	0.8	1.1
Rural areas	30.5	0.8	1.6	2.7
III quarterly				
Total	34.3	0.4	0.9	1.3
including				
Women	40.1	0.5	0.9	1.2
Men	27.8	0.5	1.0	1.8
Urban settlements	36.0	0.5	0.9	1.3
Rural areas	30.2	1.0	1.9	3.2
IV quarterly				
Total	36.1	0.4	0.7	1.0
including				
Women	42.5	0.5	0.9	1.1
Men	28.9	0.5	0.9	1.6
Urban settlements	37.6	0.4	0.7	0.9
Rural areas	32.5	0.8	1.6	2.6
Average per year				
Total	35.0	0.3	0.6	0.8
including				
Women	41.1	0.3	0.6	0.8
Men	28.4	0.3	0.6	1.1
Urban settlements	36.6	0.2	0.5	0.7
Rural areas	31.5	0.7	1.4	2.3

**Reliability estimates of economic inactivity rate of population aged 15-70
by age group, 2013**

	Economic inactivity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	35.0	0.3	0.6	0.8
including				
15-19 years	88.5	0.6	1.2	0.7
20-24 years	39.9	0.8	1.7	2.1
25-29 years	19.2	0.5	1.0	2.6
30-34 years	16.1	0.3	0.7	2.1
35-39 years	13.4	0.4	0.7	2.7
40-44 years	13.0	0.4	0.9	3.4
45-49 years	15.4	0.5	0.9	3.1
50-54 years	21.5	0.6	1.2	2.8
55-59 years	45.7	0.6	1.2	1.4
60-64 years	72.0	0.6	1.1	0.8
65-70 years	82.0	0.7	1.4	0.8
Working age	26.9	0.3	0.5	1.0
Over working age	74.1	0.6	1.1	0.8

**Reliability estimates of economic inactivity rate of population aged 15-70
by level of education, 2013**

	Economic inactivity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	35.0	0.3	0.6	0.8
including persons with education				
complete higher	21.6	0.3	0.7	1.6
basic higher	51.0	2.4	4.6	4.6
uncompleted higher	29.1	0.4	0.7	1.2
complete secondary	36.8	0.4	0.8	1.1
basic secondary	65.6	0.8	1.7	1.3
primary education or not educated	87.6	1.1	2.2	1.3

**Reliability estimates of economic inactivity rate of population aged 15-70
by region, 2013**

	Economic inactivity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Ukraine	35.0	0.3	0.6	0.8
Autonomous Republic of Crimea	33.9	1.2	2.3	3.5
oblasts				
Vinnitsia	34.9	1.7	3.4	5.0
Volyn	35.2	1.8	3.5	5.1
Dnipropetrovsk	33.5	0.8	1.6	2.4
Donetsk	34.6	0.7	1.4	2.1
Zhytomyr	34.0	2.2	4.4	6.5
Zakarpattya	36.5	1.6	3.0	4.2
Zaporizhia	34.4	1.0	1.9	2.9
Ivano-Frankivsk	40.2	1.2	2.4	3.0
Kyiv	36.6	1.5	3.0	4.2
Kirovohrad	35.5	1.6	3.2	4.6
Luhansk	36.7	1.1	2.1	3.0
Lviv	36.7	1.4	2.6	3.7
Mykolaiv	34.6	1.1	2.1	3.1
Odesa	37.0	1.5	2.9	4.0
Poltava	35.3	1.8	3.6	5.2
Rivne	34.3	1.3	2.6	3.8
Sumy	34.9	1.2	2.4	3.6
Ternopil	38.0	1.7	3.4	4.6
Kharkiv	34.3	1.6	3.1	4.6
Kherson	34.8	1.7	3.3	4.9
Khmelnysk	35.1	2.5	5.0	7.3
Cherkasy	34.2	1.7	3.3	5.0
Chernivtsi	36.6	3.2	6.3	8.8
Chernihiv	33.2	1.1	2.1	3.3
City of Kyiv	31.6	0.8	1.6	2.6
City of Sevastopol	33.7	1.2	2.4	3.7

Statistical and analytical review of labour market in 2013

Basic tendencies characterizing labour market as compared to 2012:

- regarding economic activity of the population aged 15-70:
 - rise in economic activity rate from 64.4% to 65.0%;
 - rise in employment rate from 59.7% to 60.3%;
 - fall in unemployment rate (by ILO methodology) from 7.5% to 7.2%;
- decrease, among the unemployed (by ILO methodology), in share of those dismissed due to economic reasons from 32.5% to 29.8%;
- decrease in the numbers of economically inactive persons discouraged to find a job by 15.0%.

Movements of basic indicators of labour market

	Unit of measurement	2012	2013	2013 over 2012, %
Economically active population aged 15-70	thsd. prs.	22,011.5	21,980.6	99.9
working age		20,393.5	20,478.2	100.4
<i>Rate of economic activity of the population aged 15-70</i>	% of the population of relevant age group	64.6	65.0	x
<i>working age</i>		73.0	73.1	x
Employed population aged 15-70	thsd. prs.	20,354.3	20,404.1	100.2
working age		18,736.9	18,901.8	100.9
<i>Employment rate of the population aged 15-70</i>	% of the population of relevant age group	59.7	60.3	x
<i>working age</i>		67.1	67.4	x
	thsd. prs.	4,651.6	4,805.9	103.3
Number of the population aged 15-70 engaged in informal sector of the economy	% of the total number of the employed population of relevant age group	22.9	23.6	x
Unemployed population (by ILO methodology) aged 15-70	thsd. prs.	1,657.2	1,576.5	95.1
working age		1,656.6	1,576.4	95.2
<i>Unemployment rate of the population (by ILO methodology) aged 15-70</i>	% of economically active population of relevant age group	7.5	7.2	x
<i>working age</i>		8.1	7.7	x
<i>Economic inactivity rate of the population aged 15-70</i>	% of the population of relevant age group	35.4	35.0	x
<i>working age</i>		27.0	26.9	x

1. Economic activity indicators

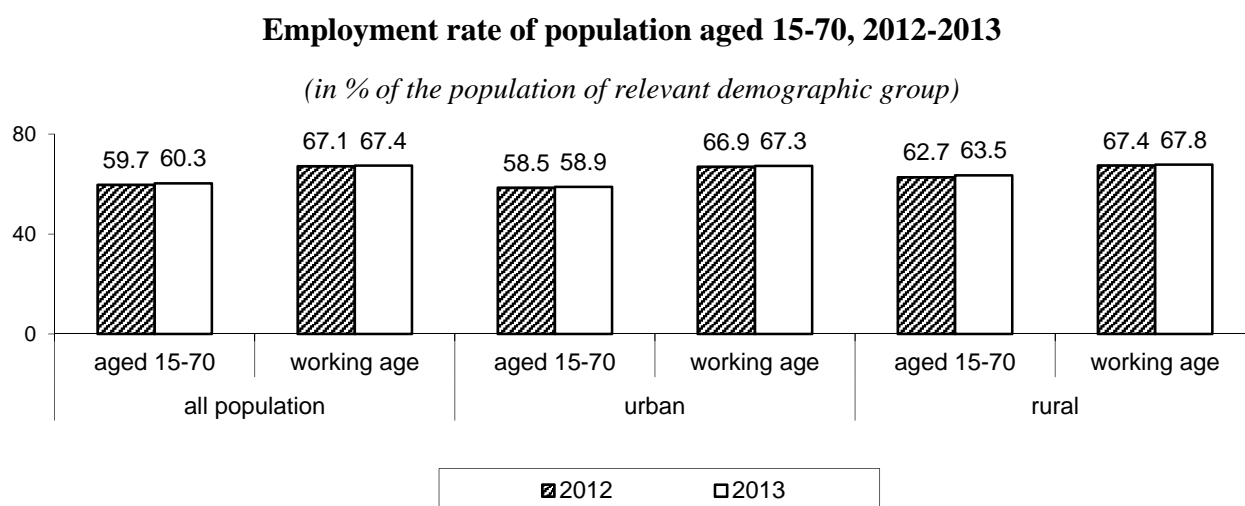
According to data from sample survey of the population (households) on issues of economic activity, the average monthly **number of economically active population** aged 15-70 years old was 22.0 million persons in 2013, of which 20.4 million persons or 92.8% were engaged in economic activity while the others (1.6 million persons) are classified as the unemployed in accordance with the methodology of International Labour Organization (ILO). The number of economically active population of working age was 20.5 million persons during that period or 93.2% of the mentioned category of the population aged 15-70 years old.

Economic activity rate of population aged 15-70 years old increased from 64.6% in 2012 to 65.0% in 2013. The rise of this indicator was observed mainly among the dwellers of rural areas.

2. Employment indicators

The number of the employed population aged 15-70 in 2013 as compared to 2012 increased by 49.8 thousand persons or by 0.2% and amounted to 20.4 million persons of which the working age persons were 18.9 million or 92.6%. **Employment rate of the population** aged 15-70 increased during the mentioned period from 59.7% to 60.3% correspondently while that of the working age population expanded from 67.1% to 67.4% (diagram 1).

Diagram 1



The highest population employment rate was observed among the persons aged 40-49 while the lowest was among the youth aged 15-24 and persons aged 60-70. The mentioned indicator was the highest among the men unlike the women.

Among the country's regions, the highest employment rate in 2013 was in the city of Kyiv (64.9%) and the city of Sevastopol (62.5%) while the lowest one was in the Ivano-Frankovsk region (55.4%).

A significant increase in the numbers of the employed in 2013 as compared to 2012 was in wholesale and retail trade; repair of motor vehicles and motorcycles (by 114.5 thousand persons or by 2.6%) as well as agriculture, forestry and fishery (by 81.5 thousand persons or by 2.3%). Out of the employed population aged 15-70 years old, every fourth was employed at wholesale and retail trade; repair of motor vehicles and motorcycles; every sixth at agriculture, forestry and fishery as well as industry; every twelfth at education.

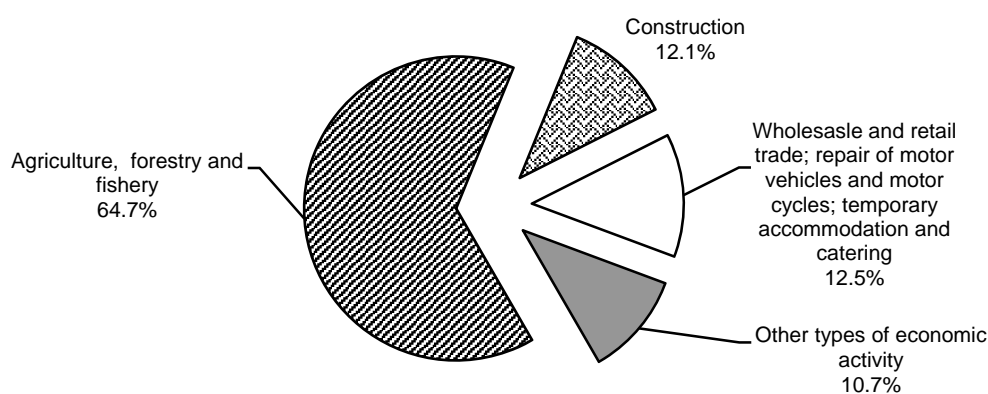
The number of the employed in informal sector of the economy in 2013 as compared to the previous year had increased by 154.3 thousand persons and composed 4.8 million persons or 23.6% of the total number of the employed population aged 15-70.

The mentioned sectors of the economy is a prevailing place for employment for each second person from among the rural dwellers. In urban settlements this employment is less spread due to more favorable environment on labour market.

Among those employed in informal sector of the economy, almost two thirds worked for agriculture (64.7%). Other widely spread types of economic activity of the population in this economy's sector were wholesale and retail trade; repair of motor vehicles and motor-cycles; temporary accommodation and catering as well as construction (diagram 2).

Diagram 2

Employment of the population aged 15-70 in informal sector of the economy by type of economic activity



The informal sector of the economy mainly engage the persons of working age. The average age of this category in 2013 was 42 years old (44 years old for women and 41 years old for men) that is higher than the average age of the total employed population of Ukraine (total, 41 years old; women 41 and men 40 years old). However, the highest participation rate of the population in the informal sector of the economy was observed among the persons aged 15-24 and aged 60-70.

3. Unemployment indicators

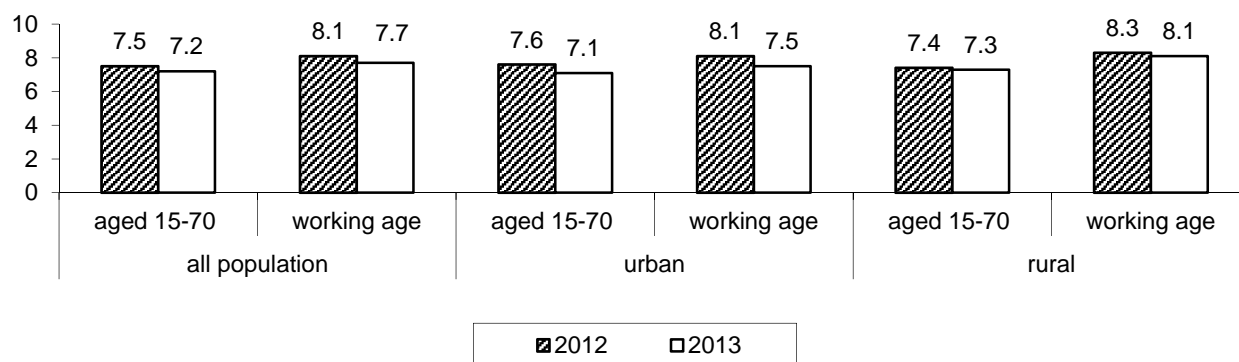
The number of the unemployed (by ILO methodology) aged 15-70 in 2013 as compared to 2012 decreased by 80.7 thousand persons or by 4.9% and stood at 1.6 million persons. Out of the total number of the unemployed, 1.2 million persons or 77.3% had the work experiences while the rest (0.4 million or 22.7%) did not work at all. Among the unemployed, more than two thirds composed the dwellers of urban settlements (1.1 million persons) while the other were rural dwellers. The decrease in the number of the unemployed population aged 15-70 was mainly due to working age persons (by 80.2 thousand persons or by 4.8%).

In the last year, a majority of the unemployed (63.5%) were looking for a job by themselves (through personal contacts - 33.3%, through mass media - 18.7%, etc.) while the others (36.5%) appealed to the State Employment Service.

Unemployment rate of the population aged 15-70 (by ILO methodology) across Ukraine fell by 0.3 percentage point and made up 7.2% of economically active population of the mentioned age (among the working age population it was 7.7%). The mentioned indicator decreased both in urban settlements (by 0.5 percentage point) and in rural areas (by 0.1 percentage point) (diagram 3).

Unemployment rate (by ILO methodology), 2012-2013

(in % to economically active population of relevant age group)



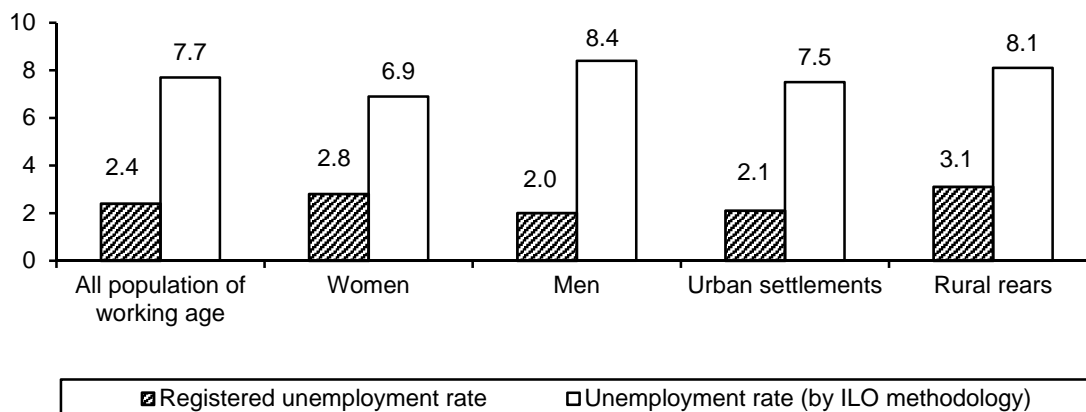
Unemployment rate of the population aged 15-70 years old (by ILO methodology) across Ukraine was lower than that of the EU countries (10.8%).

Unemployment rate of the working age population (by ILO methodology) was 3.2 times higher than registered unemployment rate produced for economically active population of working age (for women 2.5 times, men 4,2 times; for urban settlements 3.6 times, rural settlements 2.6 times) (diagram 4).

Diagram 4

Unemployment among economically active population of working age by sex and place of residence, 2013

(in % of economically active population of working age)



It should be noted that, by region, the maximum unemployment rate of the population aged 15-70 (by ILO methodology) was observed in the Rivne and Ternopil regions (9.4%) while the minimum one was in the city of Kyiv (5.2%).

It should be noted that, in 2013 as compared to 2012, out of the total number of unemployed a share of those dismissed due to economic reasons (by 2.7 percentage point) fell. At the same time, a share of the dismissed due to one's own will (by 1.5 percentage point), those without work after graduating from educational institutions (by 0.4 percentage point) and those dismissed due to other reasons (by 0.8 percentage point) increased.

The indicator of average unemployment duration for the population aged 15-70 (by ILO methodology) as compared to 2012 had not changed and stood at 6 months in 2013. A share of persons whose job search was 6 months has risen (by 2 percentage point). At the same time, a share of the

unemployed who look for a job from 6 to 12 months has fallen by 1.1 percentage point and 12 months and more by 0.9 percentage point.

The number of **economically inactive population** aged 15-70 in 2013 amounted to 11.9 million or more than the third of the total population at this age. Every second economically inactive was a pensioner, every fourth was a pupil or student, every fifth had family responsibilities.

The abovementioned category of persons also includes idle persons of working age who stopped active search for a job because they lost the hope to find it (the discouraged). Compared to indicator for 2012, this category of persons decreased by 15.0% and stood at 96.1 thousand persons. Also, there was a decrease (by 18.4%) in the number of economically inactive population of working age who did not know where and how to find a job, how to set up one's own business, convinced that there is no suitable work for them. The number of such persons in 2013 was 85.6 thousand persons or 1.1% of economically inactive population of working age (in 2012 this number was 104.9 thousand persons or 1.4%). The last category of persons and those discouraged to find a job could have supplied their labour force on labour market provided there is a favorable environment for them and thus, this can swell potentially the ranks of the unemployed. Taking into account those persons, unemployment rate of the population of working age (by ILO methodology) could be 8.5% against 7.7% (in 2012 9.1% against 8.1%).

According to administrative data from the State Employment Service, the number of persons who had the unemployed status during 2013 was 1,537.4 thousand. Average monthly number of the registered unemployed was 487.6 thousand persons during this period that makes up 30.9% of the unemployed of working age defined by ILO methodology. Among the registered unemployed, more than a half (52.7%) was women, 42.1% was the young persons aged under 35.

The registered unemployment rate on average for 2013 was 2.4% of economically active population of working age. This indicator was higher for women (2.8%) as compared to men (2.0%) and rural population (3.1%) as compared to urban dwellers (2.1%).

The highest rate of registered unemployment produced as percentage of economically active population of working age was observed during this period in the Cherkasy region while the lowest one was in the cities of Kyiv and Sevastopol.

It should be noted that at the end of 2013, the registered unemployment rate across Ukraine was 2.4% of economically active population of working age. Among the CIS countries, Ukraine occupies the 7th place as to this indicator.

Among the persons who had the registered unemployed status at the end of 2013 (487.7 thousand), 412.3 thousand or 84.5% had work experiences, of them almost the third was previously employed in agriculture, forestry and fishery, every fifth was engaged in industry, every seventh in wholesale and retail trade; repair of motor vehicles and motor-cycles.

The number of vacant work places (vacancies) at enterprises, establishments, organizations (hereinafter the enterprises) at the end of 2013 was 47.5 thousand that is by 2.3% lower than at the end of 2012.

Out the total number of vacancies declared by the enterprises at the end of 2013, almost every fourth was in industry, every seventh in the state management and defense; compulsory social insurance; every eighth in wholesale and retail trade; repair of motor vehicles and motor-cycles.

The largest demand of enterprises is for the qualified workers with tools (19.0% of the total number of vacant work places at the end of 2013) while the smallest is for the qualified workers of agriculture and forestry, fish farming and fishery (1.4%) and technical employees (3.2%).

The presence of structural disproportion between the demand for labour force and its supplies is the factor that limits both the possibilities for job placement of the unemployed and the satisfaction of employers' demand for workers.

The burden of the registered unemployed per 10 vacant work places (vacancies) across the country at the end of 2013 was 103 persons. During 2013, the value of this indicator fluctuated and this to some extent is connected with the impact of seasonal factor upon the appeal of persons to the

State Employment Service, particularly, its maximum value was observed at the end of January (104 persons) while the minimum was at the end of September (48 persons).

The largest value of the registered unemployed burden per 10 vacant work places (vacancies) was observed in the Vinnytsya region (784 persons) while the lowest was in the city of Kyiv (12 persons).

With input from the State Employment Service in 2013, 541.9 thousand persons were employed or 35.2% of persons who had the status of being unemployed during that period.

During 2013, more than a half of the unemployed (58.2%) obtained employment at enterprises of agriculture, forestry and fishery, manufacturing as well as wholesale and retail trade; repair of motor vehicles and motorcycles.

Among the registered unemployed who obtained employment in 2013, 46.7% were women, 43.3% was the youth aged under 35 years old.

One of the directions for social protection of the unemployed is the organization of the paid public work that ensures the temporary employment. In 2013, 230.6 thousand persons were engaged into such work.

For upgrading the competitiveness of the unemployed, they undergo training by the State Employment Service (training, re-training, skills upgrading). During 2013, 217.0 thousand of the registered unemployed underwent the professional training at educational institutions of all types.

In 2013, the Fund for Compulsory State Social Insurance of Ukraine spent 5.3 billion hryvnya for help against unemployment.

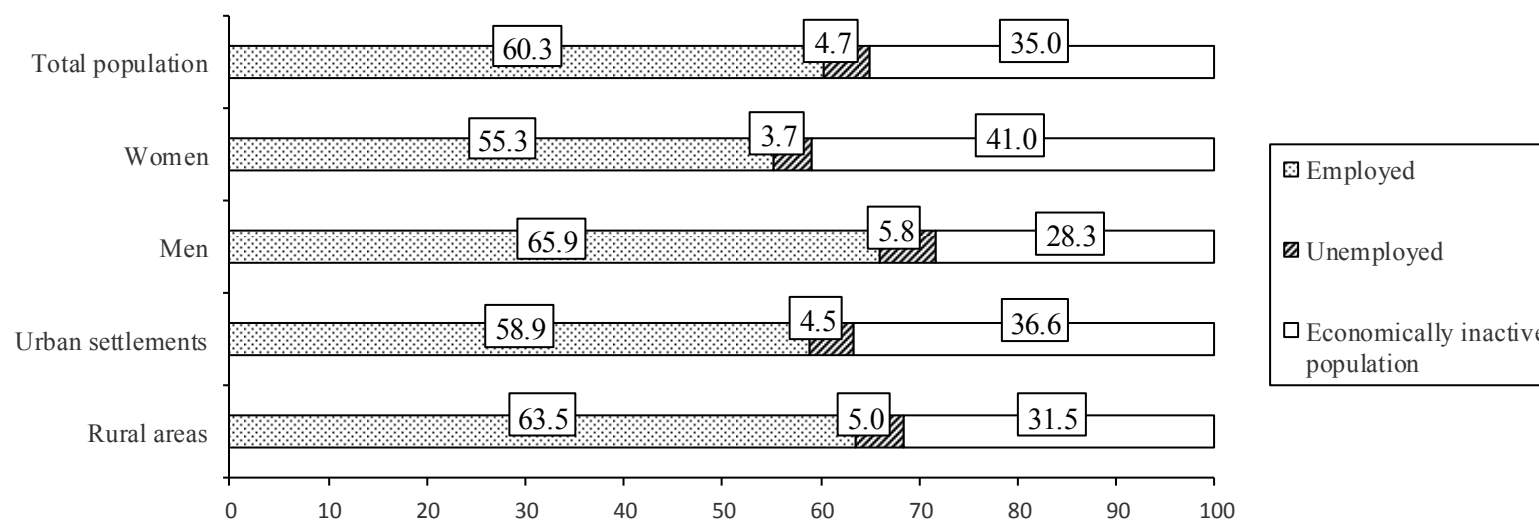
ECONOMIC ACTIVITY OF POPULATION, 2013

SECTION 1

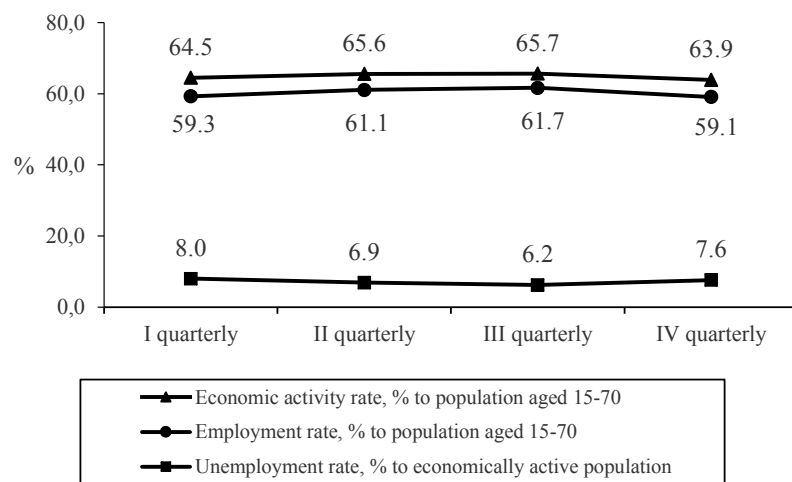
1.1. Economic activity of population, by sex and place of residence

	Economically active population aged 15-70, thsd. prs.			Economically inactive population aged 15-70, thsd. prs.	Economic activity rate, %	Employment rate, %	Unemployment rate, %
	Total	including					
		employed	unemployed				
Total population							
I quarter	21,840.4	20,084.5	1,755.9	12,001.9	64.5	59.3	8.0
II quarter	22,205.2	20,675.3	1,529.9	11,637.1	65.6	61.1	6.9
III quarter	22,238.4	20,864.2	1,374.2	11,603.9	65.7	61.7	6.2
IV quarter	21,638.5	19,992.4	1,646.1	12,203.8	63.9	59.1	7.6
year	21,980.6	20,404.1	1,576.5	11,861.7	65.0	60.3	7.2
Women							
I quarter	10,431.0	9,732.4	698.6	7,384.1	58.6	54.6	6.7
II quarter	10,656.6	10,052.4	604.2	7,158.5	59.8	56.4	5.7
III quarter	10,665.0	10,032.4	632.6	7,150.1	59.9	56.3	5.9
IV quarter	10,250.9	9,573.1	677.8	7,564.2	57.5	53.7	6.6
year	10,500.9	9,847.6	653.3	7,314.2	58.9	55.3	6.2
Men							
I quarter	11,409.4	10,352.1	1,057.3	4,617.8	71.2	64.6	9.3
II quarter	11,548.6	10,622.9	925.7	4,478.6	72.1	66.3	8.0
III quarter	11,573.4	10,831.8	741.6	4,453.8	72.2	67.6	6.4
IV quarter	11,387.6	10,419.3	968.3	4,639.6	71.1	65.0	8.5
year	11,479.7	10,556.5	923.2	4,547.5	71.6	65.9	8.0
Urban settlements							
I quarter	15,052.1	13,877.7	1,174.4	8,708.2	63.3	58.4	7.8
II quarter	15,200.4	14,151.2	1,049.2	8,559.9	64.0	59.6	6.9
III quarter	15,204.2	14,230.6	973.6	8,556.1	64.0	59.9	6.4
IV quarter	14,833.3	13,733.1	1,100.2	8,927.0	62.4	57.8	7.4
year	15,072.6	13,998.2	1,074.4	8,687.7	63.4	58.9	7.1
Rural areas							
I quarter	6,788.3	6,206.8	581.5	3,293.7	67.3	61.6	8.6
II quarter	7,004.8	6,524.1	480.7	3,077.2	69.5	64.7	6.9
III quarter	7,034.2	6,633.6	400.6	3,047.8	69.8	65.8	5.7
IV quarter	6,805.2	6,259.3	545.9	3,276.8	67.5	62.1	8.0
year	6,908.0	6,405.9	502.1	3,174.0	68.5	63.5	7.3

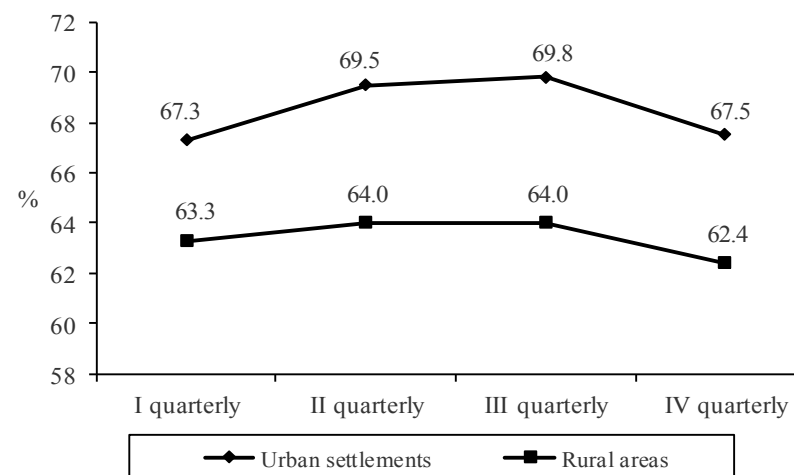
1.2. Population aged 15-70, by economic activity, sex and place of residence



1.3. Economic activity, employment and unemployment rates of population aged 15-70



1.4. Economic activity rate of population aged 15-70 by place of residence



1.5. Economic activity of population, by sex, place of residence and age group

	Economically active population aged 15-70, thsd. prs.			Economically inactive population aged 15-70, thsd. prs.	Economic activity rate, %	Employment rate, %	Unemployment rate, %
	Total	including					
		employed	unemployed				
Total population	21,980.6	20,404.1	1,576.5	11,861.7	65.0	60.3	7.2
including by age group (years)							
15-24	2,216.8	1,831.3	385.5	3,421.0	39.3	32.5	17.4
25-29	3,124.7	2,853.7	271.0	744.0	80.8	73.8	8.7
30-34	2,917.4	2,724.0	193.4	558.0	83.9	78.4	6.6
35-39	2,830.3	2,657.9	172.4	439.4	86.6	81.3	6.1
40-49	5,320.0	4,989.7	330.3	880.1	85.8	80.5	6.2
50-59	4,430.6	4,206.7	223.9	2,168.1	67.1	63.8	5.1
60-70	1,140.8	1,140.8	–	3,651.1	23.8	23.8	–
15-64	21,621.7	20,045.2	1,576.5	10,225.4	67.9	62.9	7.3
working age	20,478.2	18,901.8	1,576.4	7,552.2	73.1	67.4	7.7
over working age	1,502.4	1,502.3	0.1	4,309.5	25.9	25.8	0.0

Table 1.5. continued

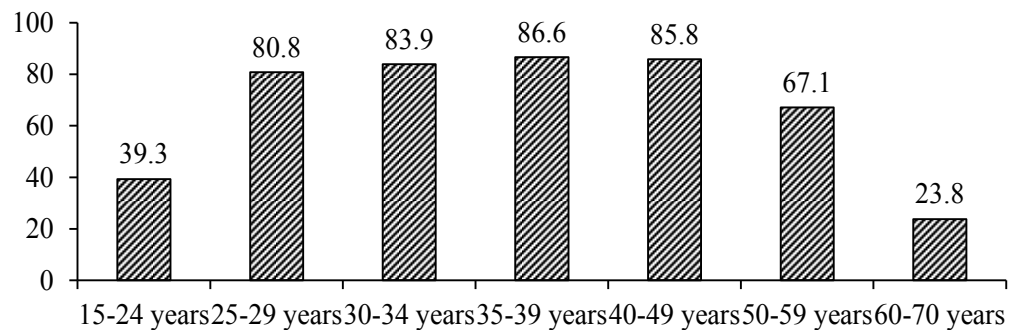
	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, %		Employment rate, %		Unemployment rate, %	
	Total		including											
			employed		unemployed									
	women	men	women	men	women	men	women	men	women	men	women	men	women	men
Total including by age group (years)	10,500.9	11,479.7	9,847.6	10,556.5	653.3	923.2	7,314.2	4,547.5	58.9	71.6	55.3	65.9	6.2	8.0
15-24	934.2	1,282.6	781.7	1,049.6	152.5	233.0	1,811.8	1,609.2	34.0	44.4	28.5	36.3	16.3	18.2
25-29	1,332.7	1,792.0	1,233.9	1,619.8	98.8	172.2	566.6	177.4	70.2	91.0	65.0	82.2	7.4	9.6
30-34	1,311.0	1,606.4	1,230.0	1,494.0	81.0	112.4	415.4	142.6	75.9	91.8	71.2	85.4	6.2	7.0
35-39	1,357.3	1,473.0	1,277.8	1,380.1	79.5	92.9	303.8	135.6	81.7	91.6	76.9	85.8	5.9	6.3
40-49	2,721.4	2,598.6	2,578.5	2,411.2	142.9	187.4	519.7	360.4	84.0	87.8	79.6	81.5	5.3	7.2
50-59	2,227.7	2,202.9	2,129.1	2,077.6	98.6	125.3	1,429.1	739.0	60.9	74.9	58.2	70.6	4.4	5.7
60-70	616.6	524.2	616.6	524.2	–	–	2,267.8	1,383.3	21.4	27.5	21.4	27.5	–	–
15-64	10,296.5	11,325.2	9,643.2	10,402.0	653.3	923.2	6,273.4	3,952.0	62.1	74.1	58.2	68.1	6.3	8.2
working age	9,522.7	10,955.5	8,869.5	10,032.3	653.2	923.2	4,388.0	3,164.2	68.5	77.6	63.8	71.1	6.9	8.4
over working age	978.2	524.2	978.1	524.2	0.1	–	2,926.2	1,383.3	25.1	27.5	25.1	27.5	0.0	–

Table 1.5. continued

	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, %		Employment rate, %		Unemployment rate, %	
	Total		including											
			employed		unemployed		urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas
Total	15,072.6	6,908.0	13,998.2	6,405.9	1,074.4	502.1	8,687.7	3,174.0	63.4	68.5	58.9	63.5	7.1	7.3
including by age group (years)														
15-24	1,351.8	865.0	1,092.4	738.9	259.4	126.1	2,423.9	997.1	35.8	46.5	28.9	39.7	19.2	14.6
25-29	2,284.7	840.0	2,088.5	765.2	196.2	74.8	517.2	226.8	81.5	78.7	74.5	71.7	8.6	8.9
30-34	2,170.1	747.3	2,031.4	692.6	138.7	54.7	383.7	174.3	85.0	81.1	79.5	75.2	6.4	7.3
35-39	2,034.1	796.2	1,913.6	744.3	120.5	51.9	289.4	150.0	87.5	84.1	82.4	78.7	5.9	6.5
40-49	3,668.1	1,651.9	3,458.2	1,531.5	209.9	120.4	608.2	271.9	85.8	85.9	80.9	79.6	5.7	7.3
50-59	3,010.3	1,420.3	2,860.6	1,346.1	149.7	74.2	1,660.0	508.1	64.5	73.7	61.3	69.8	5.0	5.2
60-70	553.5	587.3	553.5	587.3	–	–	2,805.3	845.8	16.5	41.0	16.5	41.0	–	–
15-64	14,939.5	6,682.2	13,865.1	6,180.1	1,074.4	502.1	7,468.6	2,756.8	66.7	70.8	61.9	65.5	7.2	7.5
working age	14,299.9	6,178.3	13,225.5	5,676.3	1,074.4	502.0	5,355.3	2,196.9	72.8	73.8	67.3	67.8	7.5	8.1
over working age	772.7	729.7	772.7	729.6	–	0.1	3,332.4	977.1	18.8	42.8	18.8	42.7	–	0.0

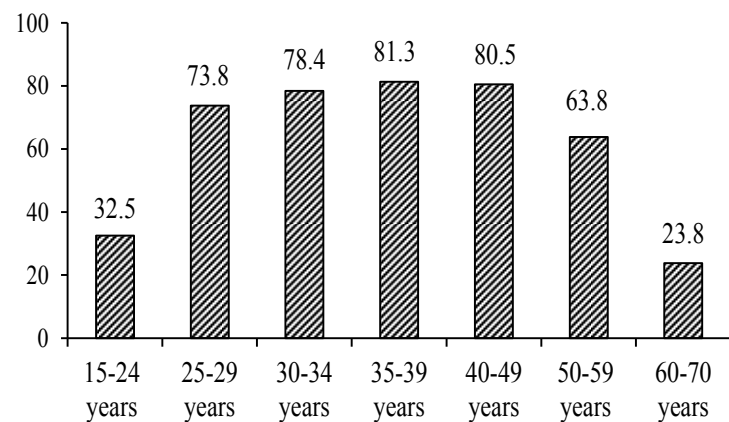
1.6. Economic activity rate, by age group

(in % to population of relevant age group)



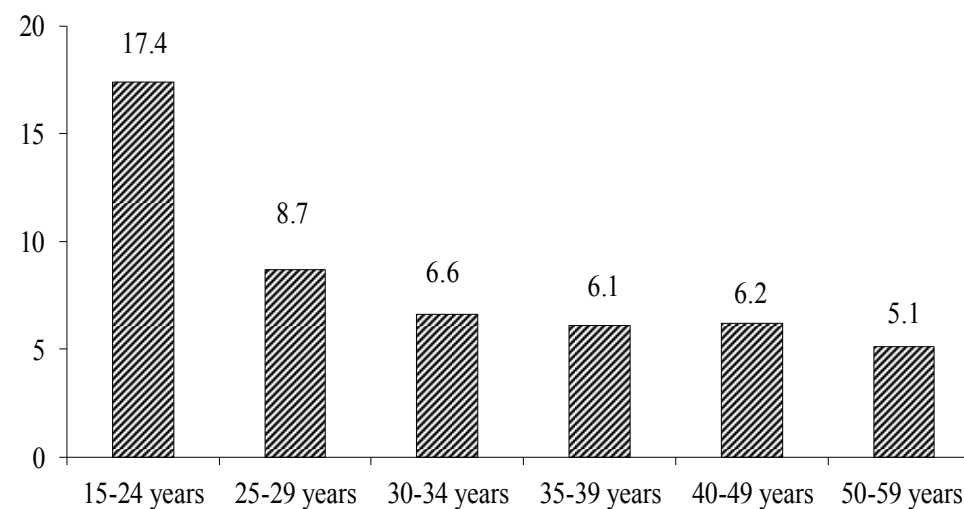
1.7. Employment rate, by age group

(in % to population of relevant age group)



1.8. Unemployment rate, by age group

(in % to economically active population of relevant age group)



1.9. Economic activity of population, by sex, place of residence and level of education

	Economically active population aged 15-70, thsd. prs.			Economically inactive population aged 15-70, thsd. prs.	Economic activity rate, %	Employment rate, %	Unemployment rate, %
	Total	including					
		employed	unemployed				
Total population	21,980.6	20,404.1	1,576.5	11,861.7	65.0	60.3	7.2
including by level of education							
complete higher	6,116.8	5,715.9	400.9	1,685.5	78.4	73.3	6.6
basic higher	205.2	182.7	22.5	213.3	49.0	43.7	11.0
uncompleted higher	4,549.0	4,229.9	319.1	1,869.7	70.9	65.9	7.0
complete secondary	10,037.4	9,275.9	761.5	5,838.1	63.2	58.4	7.6
basic secondary	1,031.8	960.7	71.1	1,969.2	34.4	32.0	6.9
primary education or not educated	40.4	39.0	:	285.9	12.4	12.0	:

Table 1.9. continued

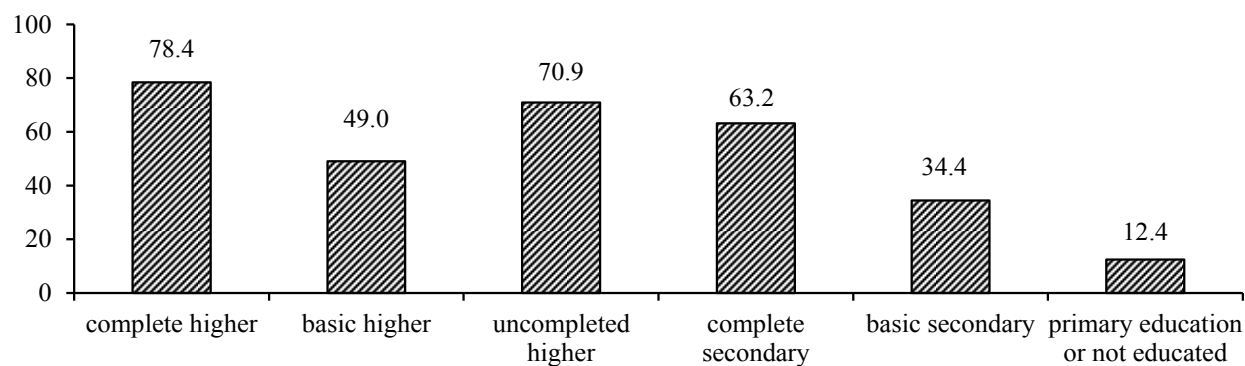
	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, %		Employment rate, %		Unemployment rate, %	
	Total		including											
			employed		unemployed		women	men	women	men	women	men	women	men
Total	10,500.9	11,479.7	9,847.6	10,556.5	653.3	923.2	7,314.2	4,547.5	58.9	71.6	55.3	65.9	6.2	8.0
including by level of education														
complete higher	3,234.3	2,882.5	3,029.1	2,686.8	205.2	195.7	1,159.8	525.7	73.6	84.6	68.9	78.8	6.3	6.8
basic higher	98.5	106.7	90.0	92.7	8.5	14.0	130.8	82.5	43.0	56.4	39.2	49.0	8.6	13.1
uncompleted higher	2,683.5	1,865.5	2,512.3	1,717.6	171.2	147.9	1,341.7	528.0	66.7	77.9	62.4	71.8	6.4	7.9
complete secondary	3,991.6	6,045.8	3,751.5	5,524.4	240.1	521.4	3,448.6	2,389.5	53.6	71.7	50.4	65.5	6.0	8.6
basic secondary	469.4	562.4	441.4	519.3	28.0	43.1	1,078.3	890.9	30.3	38.7	28.5	35.7	6.0	7.7
primary education or not educated	23.6	16.8	23.3	15.7	:	:	155.0	130.9	13.2	11.4	13.0	10.6	:	:

Table 1.9. continued

	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, %		Employment rate, %		Unemployment rate, %	
	Total		including											
			employed		unemployed		urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas		
Total	15,072.6	6,908.0	13,998.2	6,405.9	1,074.4	502.1	8,687.7	3,174.0	63.4	68.5	58.9	63.5	7.1	7.3
including by level of education														
complete higher	5,304.4	812.4	4,965.5	750.4	338.9	62.0	1,504.2	181.3	77.9	81.8	72.9	75.5	6.4	7.6
basic higher	145.8	59.4	131.0	51.7	14.8	7.7	165.8	47.5	46.8	55.6	42.0	48.4	10.2	13.0
uncompleted higher	3,419.5	1,129.5	3,176.3	1,053.6	243.2	75.9	1,576.1	293.6	68.5	79.4	63.6	74.0	7.1	6.7
complete secondary	5,844.8	4,192.6	5,400.3	3,875.6	444.5	317.0	4,160.7	1,677.4	58.4	71.4	54.0	66.0	7.6	7.6
basic secondary	343.5	688.3	311.6	649.1	31.9	39.2	1,132.9	836.3	23.3	45.1	21.1	42.6	9.3	5.7
primary education or not educated	14.6	25.8	13.5	25.5	:	:	148.0	137.9	9.0	15.8	8.3	15.6	:	:

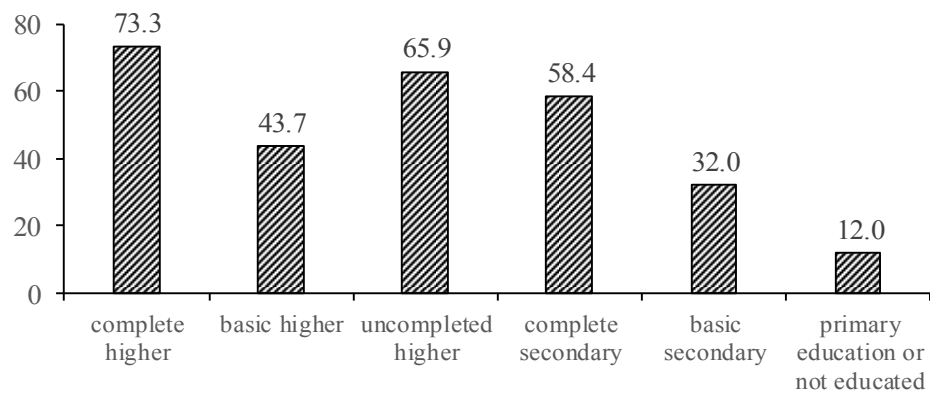
1.10. Economic activity rate, by level of education

(in % to population of relevant level of education)



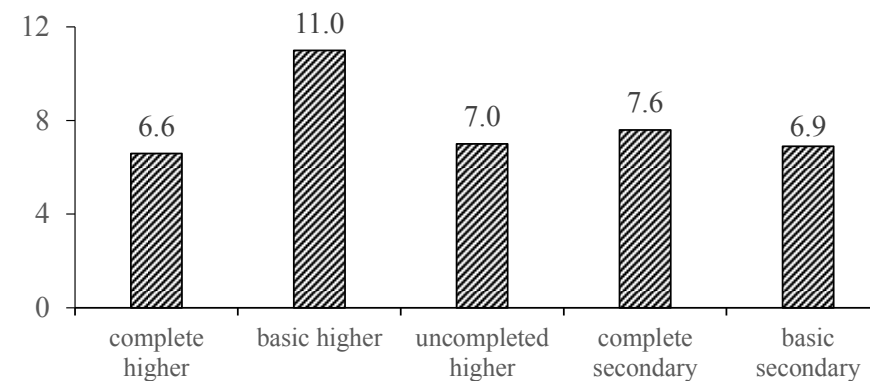
1.11. Employment rate, by level of education

(in % to population of relevant level of education)



1.12. Unemployment rate, by level of education

(in % to population of economically active population of relevant level of education)



1.13. Economic activity of population, by sex, place of residence and region

	Economically active population aged 15-70, thsd. prs.			Economically inactive population aged 15-70, thsd. prs.	Economic activity rate, %	Employment rate, %	Unemployment rate, %
	Total	including					
		employed	unemployed				
Ukraine	21,980.6	20,404.1	1,576.5	11,861.7	65.0	60.3	7.2
Autonomous Republic of Crimea	966.2	911.0	55.2	495.1	66.1	62.3	5.7
oblasts							
Vinnitsia	769.0	704.6	64.4	412.5	65.1	59.6	8.4
Volyn	483.6	445.7	37.9	262.7	64.8	59.7	7.8
Dnipropetrovsk	1,637.8	1,531.0	106.8	826.8	66.5	62.1	6.5
Donetsk	2,133.7	1,968.1	165.6	1,130.6	65.4	60.3	7.8
Zhytomyr	609.1	552.3	56.8	313.7	66.0	59.9	9.3
Zakarpattia	586.8	541.2	45.6	336.7	63.5	58.6	7.8
Zaporizhia	879.6	821.9	57.7	460.7	65.6	61.3	6.6
Ivano-Frankivsk	606.5	562.7	43.8	408.4	59.8	55.4	7.2
Kyiv	807.8	758.4	49.4	466.2	63.4	59.5	6.1
Kirovohrad	471.0	434.0	37.0	259.0	64.5	59.5	7.9
Luhansk	1,078.0	1,011.7	66.3	623.8	63.3	59.4	6.2
Lviv	1,189.0	1,104.7	84.3	689.0	63.3	58.8	7.1
Mykolaiv	577.1	534.5	42.6	304.8	65.4	60.6	7.4
Odesa	1,124.0	1,064.5	59.5	660.9	63.0	59.6	5.3
Poltava	706.0	648.3	57.7	384.6	64.7	59.4	8.2
Rivne	546.3	494.9	51.4	284.6	65.7	59.6	9.4
Sumy	558.7	515.9	42.8	299.6	65.1	60.1	7.7
Ternopil	489.1	442.9	46.2	299.5	62.0	56.2	9.4
Kharkiv	1,370.6	1,282.8	87.8	715.3	65.7	61.5	6.4
Kherson	524.6	480.2	44.4	280.5	65.2	59.6	8.5
Khmelnysk	623.6	573.7	49.9	337.6	64.9	59.7	8.0
Cherkasy	617.3	562.1	55.2	321.3	65.8	59.9	8.9
Chernivtsi	423.0	391.6	31.4	244.6	63.4	58.7	7.4
Chernihiv	521.8	473.4	48.4	259.4	66.8	60.6	9.3
City of Kyiv	1,490.6	1,413.1	77.5	687.3	68.4	64.9	5.2
City of Sevastopol	189.8	178.9	10.9	96.5	66.3	62.5	5.7

Table 1.13 continued

	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, %		Employment rate, %		Unemployment rate, %	
	Total		including											
			women	men	women	men	women	men	women	men	women	men	women	men
Ukraine	10,500.9	11,479.7	9,847.6	10,556.5	653.3	923.2	7,314.2	4,547.5	58.9	71.6	55.3	65.9	6.2	8.0
Autonomous Republic of Crimea	453.1	513.1	433.4	477.6	19.7	35.5	323.9	171.2	58.3	75.0	55.8	69.8	4.3	6.9
oblasts														
Vinnitsia	369.1	399.9	342.1	362.5	27.0	37.4	251.1	161.4	59.5	71.2	55.2	64.6	7.3	9.4
Volyn	235.9	247.7	220.1	225.6	15.8	22.1	150.9	111.8	61.0	68.9	56.9	62.8	6.7	8.9
Dnipropetrovsk	778.9	858.9	740.2	790.8	38.7	68.1	533.5	293.3	59.3	74.5	56.4	68.6	5.0	7.9
Donetsk	1,052.2	1,081.5	968.6	999.5	83.6	82.0	689.8	440.8	60.4	71.0	55.6	65.7	7.9	7.6
Zhytomyr	295.3	313.8	267.4	284.9	27.9	28.9	185.6	128.1	61.4	71.0	55.6	64.5	9.4	9.2
Zakarpattia	272.6	314.2	263.5	277.7	9.1	36.5	202.3	134.4	57.4	70.0	55.5	61.9	3.3	11.6
Zaporizhia	420.2	459.4	405.9	416.0	14.3	43.4	292.8	167.9	58.9	73.2	56.9	66.3	3.4	9.4
Ivano-Frankivsk	275.4	331.1	251.3	311.4	24.1	19.7	248.6	159.8	52.6	67.4	48.0	63.4	8.8	5.9
Kyiv	380.3	427.5	360.9	397.5	19.4	30.0	288.9	177.3	56.8	70.7	53.9	65.7	5.1	7.0
Kirovohrad	224.7	246.3	208.3	225.7	16.4	20.6	162.3	96.7	58.1	71.8	53.8	65.8	7.3	8.4
Luhansk	514.5	563.5	490.4	521.3	24.1	42.2	384.2	239.6	57.2	70.2	54.6	64.9	4.7	7.5
Lviv	562.0	627.0	530.4	574.3	31.6	52.7	404.0	285.0	58.2	68.8	54.9	63.0	5.6	8.4
Mykolaiv	271.6	305.5	249.5	285.0	22.1	20.5	194.7	110.1	58.2	73.5	53.5	68.6	8.1	6.7
Odesa	508.4	615.6	494.6	569.9	13.8	45.7	424.2	236.7	54.5	72.2	53.0	66.9	2.7	7.4
Poltava	340.0	366.0	312.4	335.9	27.6	30.1	234.8	149.8	59.2	71.0	54.3	65.1	8.1	8.2
Rivne	265.2	281.1	241.8	253.1	23.4	28.0	163.9	120.7	61.8	70.0	56.4	63.0	8.8	10.0
Sumy	282.7	276.0	258.2	257.7	24.5	18.3	170.5	129.1	62.4	68.1	57.0	63.6	8.7	6.6
Ternopil	235.7	253.4	220.2	222.7	15.5	30.7	174.4	125.1	57.5	66.9	53.7	58.8	6.6	12.1
Kharkiv	654.7	715.9	607.9	674.9	46.8	41.0	442.4	272.9	59.7	72.4	55.4	68.3	7.1	5.7
Kherson	239.5	285.1	224.6	255.6	14.9	29.5	183.4	97.1	56.6	74.6	53.1	66.9	6.2	10.3
Khmelnysk	297.5	326.1	279.2	294.5	18.3	31.6	204.1	133.5	59.3	71.0	55.7	64.1	6.2	9.7
Cherkasy	296.5	320.8	277.2	284.9	19.3	35.9	200.3	121.0	59.7	72.6	55.8	64.5	6.5	11.2
Chernivtsi	186.9	236.1	174.0	217.6	12.9	18.5	161.8	82.8	53.6	74.0	49.9	68.2	6.9	7.8
Chernihiv	267.5	254.3	240.4	233.0	27.1	21.3	142.8	116.6	65.2	68.6	58.6	62.8	10.1	8.4
City of Kyiv	732.7	757.9	700.4	712.7	32.3	45.2	434.1	253.2	62.8	75.0	60.0	70.5	4.4	6.0
City of Sevastopol	87.8	102.0	84.7	94.2	3.1	7.8	64.9	31.6	57.5	76.3	55.5	70.5	3.5	7.6

Table 1.13 continued

	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, %		Employment rate, %		Unemployment rate, %	
	Total		including											
			employed		unemployed		urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas
Ukraine	15,072.6	6,908.0	13,998.2	6,405.9	1,074.4	502.1	8,687.7	3,174.0	63.4	68.5	58.9	63.5	7.1	7.3
Autonomous Republic of Crimea	581.7	384.5	550.0	361.0	31.7	23.5	335.7	159.4	63.4	70.7	60.0	66.4	5.4	6.1
oblasts														
Vinnitsia	365.3	403.7	330.4	374.2	34.9	29.5	254.7	157.8	58.9	71.9	53.3	66.6	9.6	7.3
Volyn	232.9	250.7	218.3	227.4	14.6	23.3	171.3	91.4	57.6	73.3	54.0	66.5	6.3	9.3
Dnipropetrovsk	1,393.0	244.8	1,303.9	227.1	89.1	17.7	683.4	143.4	67.1	63.1	62.8	58.5	6.4	7.2
Donetsk	1,923.4	210.3	1,783.4	184.7	140.0	25.6	1,042.8	87.8	64.8	70.5	60.1	62.0	7.3	12.2
Zhytomyr	338.9	270.2	306.5	245.8	32.4	24.4	220.7	93.0	60.6	74.4	54.8	67.7	9.6	9.0
Zakarpattia	246.7	340.1	224.0	317.2	22.7	22.9	98.4	238.3	71.5	58.8	64.9	54.8	9.2	6.7
Zaporizhia	674.4	205.2	630.6	191.3	43.8	13.9	370.2	90.5	64.6	69.4	60.4	64.7	6.5	6.8
Ivano-Frankivsk	259.9	346.6	235.9	326.8	24.0	19.8	194.4	214.0	57.2	61.8	51.9	58.3	9.2	5.7
Kyiv	498.1	309.7	468.5	289.9	29.6	19.8	312.8	153.4	61.4	66.9	57.8	62.6	5.9	6.4
Kirovohrad	297.8	173.2	276.1	157.9	21.7	15.3	168.6	90.4	63.9	65.7	59.2	59.9	7.3	8.8
Luhansk	910.8	167.2	854.5	157.2	56.3	10.0	572.8	51.0	61.4	76.6	57.6	72.0	6.2	6.0
Lviv	727.9	461.1	666.1	438.6	61.8	22.5	437.6	251.4	62.5	64.7	57.2	61.6	8.5	4.9
Mykolaiv	388.9	188.2	361.6	172.9	27.3	15.3	219.1	85.7	64.0	68.7	59.5	63.1	7.0	8.1
Odesa	746.1	377.9	703.3	361.2	42.8	16.7	462.4	198.5	61.7	65.6	58.2	62.7	5.7	4.4
Poltava	425.9	280.1	400.4	247.9	25.5	32.2	258.8	125.8	62.2	69.0	58.5	61.1	6.0	11.5
Rivne	243.4	302.9	216.6	278.3	26.8	24.6	177.1	107.5	57.9	73.8	51.5	67.8	11.0	8.1
Sumy	369.3	189.4	338.4	177.5	30.9	11.9	228.6	71.0	61.8	72.7	56.6	68.2	8.4	6.3
Ternopil	216.7	272.4	189.8	253.1	26.9	19.3	146.8	152.7	59.6	64.1	52.2	59.5	12.4	7.1
Kharkiv	1,092.5	278.1	1,027.1	255.7	65.4	22.4	602.1	113.2	64.5	71.1	60.6	65.3	6.0	8.1
Kherson	293.0	231.6	261.2	219.0	31.8	12.6	203.0	77.5	59.1	74.9	52.7	70.9	10.9	5.4
Khmelnysk	352.6	271.0	327.5	246.2	25.1	24.8	207.4	130.2	63.0	67.5	58.5	61.4	7.1	9.2
Cherkasy	350.9	266.4	310.4	251.7	40.5	14.7	197.7	123.6	64.0	68.3	56.6	64.5	11.5	5.5
Chernivtsi	148.4	274.6	137.6	254.0	10.8	20.6	147.2	97.4	50.2	73.8	46.5	68.3	7.3	7.5
Chernihiv	325.5	196.3	295.5	177.9	30.0	18.4	196.0	63.4	62.4	75.6	56.7	68.5	9.2	9.4
City of Kyiv	1,490.6	–	1,413.1	–	77.5	–	687.3	–	68.4	–	64.9	–	5.2	–
City of Sevastopol	178.0	11.8	167.5	11.4	10.5	0.4	90.8	5.7	66.2	67.4	62.3	65.1	5.9	3.4

1.14. Economic activity of working age population, by sex, place of residence and region

	Economically active population, thsd. prs.			Economically inactive population, thsd. prs.	Economic activity rate, %	Employment rate, %	Unemployment rate, %
	Total	including					
		employed	unemployed				
Ukraine	20,478.2	18,901.8	1,576.4	7,552.2	73.1	67.4	7.7
Autonomous Republic of Crimea	904.7	849.5	55.2	297.5	75.3	70.7	6.1
oblasts							
Vinnytsia	699.5	635.1	64.4	272.3	72.0	65.4	9.2
Volyn	450.2	412.3	37.9	187.0	70.7	64.7	8.4
Dnipropetrovsk	1,567.6	1,460.8	106.8	470.2	76.9	71.7	6.8
Donetsk	2,022.4	1,856.9	165.5	650.7	75.7	69.5	8.2
Zhytomyr	559.0	502.2	56.8	207.9	72.9	65.5	10.2
Zakarpattia	553.8	508.2	45.6	232.0	70.5	64.7	8.2
Zaporizhia	821.7	764.0	57.7	277.2	74.8	69.5	7.0
Ivano-Frankivsk	564.2	520.4	43.8	297.7	65.5	60.4	7.8
Kyiv	767.9	718.5	49.4	291.6	72.5	67.8	6.4
Kirovohrad	434.3	397.3	37.0	159.5	73.1	66.9	8.5
Luhansk	994.7	928.4	66.3	402.9	71.2	66.4	6.7
Lviv	1,119.9	1,035.6	84.3	466.9	70.6	65.3	7.5
Mykolaiv	542.7	500.1	42.6	184.5	74.6	68.8	7.8
Odesa	1,047.1	987.6	59.5	432.0	70.8	66.8	5.7
Poltava	662.5	604.8	57.7	230.6	74.2	67.7	8.7
Rivne	497.9	446.5	51.4	213.8	70.0	62.7	10.3
Sumy	504.3	461.5	42.8	197.9	71.8	65.7	8.5
Ternopil	446.5	400.3	46.2	216.5	67.3	60.4	10.3
Kharkiv	1,296.1	1,208.3	87.8	423.7	75.4	70.3	6.8
Kherson	490.3	445.9	44.4	175.9	73.6	66.9	9.1
Khmelnysk	574.2	524.3	49.9	217.8	72.5	66.2	8.7
Cherkasy	579.3	524.1	55.2	183.6	75.9	68.7	9.5
Chernivtsi	365.8	334.4	31.4	197.7	64.9	59.3	8.6
Chernihiv	467.8	419.4	48.4	166.1	73.8	66.2	10.3
City of Kyiv	1,370.0	1,292.5	77.5	440.5	75.7	71.4	5.7
City of Sevastopol	173.8	162.9	10.9	58.2	74.9	70.2	6.3

Table 1.14. continued

	Economically active population, thsd. prs.						Economically inactive population, thsd. prs.		Economic activity rate, %		Employment rate, %		Unemployment rate, %	
	Total		including											
			employed		unemployed									
	women	men	women	men	women	men	women	men	women	men	women	men	women	men
Ukraine	9,522.7	10,955.5	8,869.5	10,032.3	653.2	923.2	4,388.0	3,164.2	68.5	77.6	63.8	71.1	6.9	8.4
Autonomous Republic of Crimea	413.7	491.0	394.0	455.5	19.7	35.5	186.9	110.6	68.9	81.6	65.6	75.7	4.8	7.2
oblasts														
Vinnitsia	325.4	374.1	298.4	336.7	27.0	37.4	155.8	116.5	67.6	76.3	62.0	68.6	8.3	10.0
Volyn	214.7	235.5	198.9	213.4	15.8	22.1	100.0	87.0	68.2	73.0	63.2	66.2	7.4	9.4
Dnipropetrovsk	731.3	836.3	692.6	768.2	38.7	68.1	288.8	181.4	71.7	82.2	67.9	75.5	5.3	8.1
Donetsk	972.4	1,050.0	888.9	968.0	83.5	82.0	366.1	284.6	72.6	78.7	66.4	72.5	8.6	7.8
Zhytomyr	261.2	297.8	233.3	268.9	27.9	28.9	115.2	92.7	69.4	76.3	62.0	68.9	10.7	9.7
Zakarpattia	252.9	300.9	243.8	264.4	9.1	36.5	132.8	99.2	65.6	75.2	63.2	66.1	3.6	12.1
Zaporizhia	382.9	438.8	368.6	395.4	14.3	43.4	165.4	111.8	69.8	79.7	67.2	71.8	3.7	9.9
Ivano-Frankivsk	248.1	316.1	224.0	296.4	24.1	19.7	175.1	122.6	58.6	72.1	52.9	67.6	9.7	6.2
Kyiv	352.9	415.0	333.5	385.0	19.4	30.0	172.3	119.3	67.2	77.7	63.5	72.1	5.5	7.2
Kirovohrad	202.0	232.3	185.6	211.7	16.4	20.6	93.3	66.2	68.4	77.8	62.9	70.9	8.1	8.9
Luhansk	457.4	537.3	433.3	495.1	24.1	42.2	234.6	168.3	66.1	76.1	62.6	70.2	5.3	7.9
Lviv	516.6	603.3	485.0	550.6	31.6	52.7	257.4	209.5	66.7	74.2	62.7	67.7	6.1	8.7
Mykolaiv	247.3	295.4	225.2	274.9	22.1	20.5	114.6	69.9	68.3	80.9	62.2	75.3	8.9	6.9
Odesa	460.8	586.3	447.0	540.6	13.8	45.7	267.1	164.9	63.3	78.0	61.4	72.0	3.0	7.8
Poltava	312.4	350.1	284.8	320.0	27.6	30.1	130.6	100.0	70.5	77.8	64.3	71.1	8.8	8.6
Rivne	233.0	264.9	209.6	236.9	23.4	28.0	117.0	96.8	66.6	73.2	59.9	65.5	10.0	10.6
Sumy	246.0	258.3	221.5	240.0	24.5	18.3	103.0	94.9	70.5	73.1	63.5	68.0	10.0	7.1
Ternopil	208.1	238.4	192.6	207.7	15.5	30.7	119.4	97.1	63.5	71.1	58.8	61.9	7.4	12.9
Kharkiv	607.4	688.7	560.6	647.7	46.8	41.0	242.2	181.5	71.5	79.1	66.0	74.4	7.7	6.0
Kherson	216.1	274.2	201.2	244.7	14.9	29.5	113.3	62.6	65.6	81.4	61.1	72.7	6.9	10.8
Khmelnysk	265.0	309.2	246.7	277.6	18.3	31.6	124.4	93.4	68.1	76.8	63.4	69.0	6.9	10.2
Cherkasy	273.7	305.6	254.4	269.7	19.3	35.9	106.8	76.8	71.9	79.9	66.9	70.5	7.1	11.7
Chernivtsi	152.0	213.8	139.1	195.3	12.9	18.5	127.7	70.0	54.3	75.3	49.7	68.8	8.5	8.7
Chernihiv	232.0	235.8	204.9	214.5	27.1	21.3	79.4	86.7	74.5	73.1	65.8	66.5	11.7	9.0
City of Kyiv	660.0	710.0	627.7	664.8	32.3	45.2	261.1	179.4	71.7	79.8	68.1	74.7	4.9	6.4
City of Sevastopol	77.4	96.4	74.3	88.6	3.1	7.8	37.7	20.5	67.2	82.5	64.6	75.8	4.0	8.1

Table 1.14. continued

	Economically active population, thsd. prs.						Economically inactive population, thsd. prs.		Economic activity rate, %		Employment rate, %		Unemployment rate, %	
	Total		including											
			employed		unemployed		urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas
Ukraine	14,299.9	6,178.3	13,225.5	5,676.3	1,074.4	502.0	5,355.3	2,196.9	72.8	73.8	67.3	67.8	7.5	8.1
Autonomous Republic of Crimea	554.7	350.0	523.0	326.5	31.7	23.5	191.5	106.0	74.3	76.8	70.1	71.6	5.7	6.7
oblasts														
Vinnitsia	349.2	350.3	314.3	320.8	34.9	29.5	166.4	105.9	67.7	76.8	61.0	70.3	10.0	8.4
Volyn	224.5	225.7	209.9	202.4	14.6	23.3	120.1	66.9	65.1	77.1	60.9	69.2	6.5	10.3
Dnipropetrovsk	1,337.7	229.9	1,248.6	212.2	89.1	17.7	379.3	90.9	77.9	71.7	72.7	66.1	6.7	7.7
Donetsk	1,830.2	192.2	1,690.2	166.7	140.0	25.5	599.9	50.8	75.3	79.1	69.6	68.6	7.6	13.3
Zhytomyr	322.9	236.1	290.5	211.7	32.4	24.4	143.5	64.4	69.2	78.6	62.3	70.4	10.0	10.3
Zakarpattia	235.2	318.6	212.5	295.7	22.7	22.9	54.8	177.2	81.1	64.3	73.3	59.6	9.7	7.2
Zaporizhia	635.5	186.2	591.7	172.3	43.8	13.9	218.2	59.0	74.4	75.9	69.3	70.3	6.9	7.5
Ivano-Frankivsk	250.6	313.6	226.6	293.8	24.0	19.8	135.1	162.6	65.0	65.9	58.8	61.7	9.6	6.3
Kyiv	483.3	284.6	453.7	264.8	29.6	19.8	198.0	93.6	70.9	75.3	66.6	70.0	6.1	7.0
Kirovohrad	278.4	155.9	256.7	140.6	21.7	15.3	101.3	58.2	73.3	72.8	67.6	65.7	7.8	9.8
Luhansk	852.8	141.9	796.5	131.9	56.3	10.0	367.5	35.4	69.9	80.0	65.3	74.4	6.6	7.0
Lviv	706.5	413.4	644.7	390.9	61.8	22.5	273.4	193.5	72.1	68.1	65.8	64.4	8.7	5.4
Mykolaiv	368.2	174.5	340.9	159.2	27.3	15.3	129.9	54.6	73.9	76.2	68.4	69.5	7.4	8.8
Odesa	706.7	340.4	663.9	323.7	42.8	16.7	290.4	141.6	70.9	70.6	66.6	67.2	6.1	4.9
Poltava	405.0	257.5	379.5	225.3	25.5	32.2	155.4	75.2	72.3	77.4	67.7	67.7	6.3	12.5
Rivne	231.0	266.9	204.2	242.3	26.8	24.6	129.1	84.7	64.1	75.9	56.7	68.9	11.6	9.2
Sumy	345.9	158.4	315.0	146.5	30.9	11.9	145.0	52.9	70.5	75.0	64.2	69.3	8.9	7.5
Ternopil	203.2	243.3	176.3	224.0	26.9	19.3	103.8	112.7	66.2	68.3	57.4	62.9	13.2	7.9
Kharkiv	1,047.5	248.6	982.1	226.2	65.4	22.4	350.7	73.0	74.9	77.3	70.2	70.3	6.2	9.0
Kherson	281.6	208.7	249.8	196.1	31.8	12.6	125.8	50.1	69.1	80.6	61.3	75.8	11.3	6.0
Khmelnytsk	338.6	235.6	313.5	210.8	25.1	24.8	131.2	86.6	72.1	73.1	66.7	65.4	7.4	10.5
Cherkasy	337.6	241.7	297.1	227.0	40.5	14.7	113.1	70.5	74.9	77.4	65.9	72.7	12.0	6.1
Chernivtsi	134.4	231.4	123.6	210.8	10.8	20.6	115.2	82.5	53.8	73.7	49.5	67.2	8.0	8.9
Chernihiv	305.3	162.5	275.3	144.1	30.0	18.4	122.3	43.8	71.4	78.8	64.4	69.8	9.8	11.3
City of Kyiv	1,370.0	–	1,292.5	–	77.5	–	440.5	–	75.7	–	71.4	–	5.7	–
City of Sevastopol	163.4	10.4	152.9	10.0	10.5	0.4	53.9	4.3	75.2	70.7	70.4	68.0	6.4	3.8

1.15. Economically active population, by age group and region

(thsd. prs.)

	Economically active population aged 15-70	including by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Ukraine	21,980.6	2,216.8	3,124.7	2,917.4	2,830.3	5,320.0	4,430.6	1,140.8	20,478.2	1,502.4
Autonomous Republic of Crimea	966.2	97.8	132.5	129.4	116.4	225.8	220.0	44.3	904.7	61.5
oblasts										
Vinnitsia	769.0	92.6	101.9	90.5	91.5	191.3	144.0	57.2	699.5	69.5
Volyn	483.6	62.8	67.1	65.4	62.2	112.7	87.3	26.1	450.2	33.4
Dnipropetrovsk	1,637.8	159.6	243.1	223.7	216.1	411.7	335.1	48.5	1,567.6	70.2
Donetsk	2,133.7	225.7	321.7	301.3	279.0	500.1	426.7	79.2	2,022.4	111.3
Zhytomyr	609.1	81.1	81.3	71.9	79.1	145.0	110.2	40.5	559.0	50.1
Zakarpattia	586.8	77.0	83.9	79.4	71.3	143.5	105.5	26.2	553.8	33.0
Zaporizhia	879.6	89.9	120.6	112.2	112.9	215.9	187.1	41.0	821.7	57.9
Ivano-Frankivsk	606.5	62.4	90.3	80.0	80.2	150.9	110.3	32.4	564.2	42.3
Kyiv	807.8	85.4	120.2	111.6	107.7	205.1	148.0	29.8	767.9	39.9
Kirovohrad	471.0	54.1	65.5	54.8	58.3	120.4	89.5	28.4	434.3	36.7
Luhansk	1,078.0	99.0	151.1	143.9	134.7	260.9	227.2	61.2	994.7	83.3
Lviv	1,189.0	103.3	177.1	159.3	154.1	299.5	241.9	53.8	1,119.9	69.1
Mykolaiv	577.1	55.0	81.4	72.9	73.5	143.8	127.5	23.0	542.7	34.4
Odesa	1,124.0	100.0	155.2	153.8	149.2	273.6	232.2	60.0	1,047.1	76.9
Poltava	706.0	71.6	93.2	91.2	91.8	188.1	136.7	33.4	662.5	43.5
Rivne	546.3	66.7	76.5	70.3	66.5	122.1	106.4	37.8	497.9	48.4
Sumy	558.7	41.7	69.9	67.7	75.5	140.4	120.8	42.7	504.3	54.4
Ternopil	489.1	61.8	65.9	60.2	60.4	112.4	94.2	34.2	446.5	42.6
Kharkiv	1,370.6	113.5	205.3	188.8	182.5	332.2	290.9	57.4	1,296.1	74.5
Kherson	524.6	62.0	72.9	62.8	65.4	122.7	113.6	25.2	490.3	34.3
Khmelnysk	623.6	69.2	81.7	71.2	77.3	152.2	134.4	37.6	574.2	49.4
Cherkasy	617.3	63.1	85.1	78.2	79.0	157.4	125.1	29.4	579.3	38.0
Chernivtsi	423.0	37.0	55.0	51.1	54.0	95.1	83.9	46.9	365.8	57.2
Chernihiv	521.8	50.2	76.8	62.8	59.9	121.2	107.9	43.0	467.8	54.0
City of Kyiv	1,490.6	116.3	220.7	236.6	207.6	333.5	286.4	89.5	1,370.0	120.6
City of Sevastopol	189.8	18.0	28.8	26.4	24.2	42.5	37.8	12.1	173.8	16.0

1.16. Employed population, by age group and region

(thsd. prs.)

	Employed aged 15-70	including by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Ukraine	20,404.1	1,831.3	2,853.7	2,724.0	2,657.9	4,989.7	4,206.7	1,140.8	18,901.8	1,502.3
Autonomous Republic of Crimea	911.0	72.6	127.9	125.1	111.9	214.1	215.1	44.3	849.5	61.5
oblasts										
Vinnitsia	704.6	75.3	90.4	81.8	83.4	176.7	139.8	57.2	635.1	69.5
Volyn	445.7	50.6	59.9	60.6	59.1	106.6	82.8	26.1	412.3	33.4
Dnipropetrovsk	1,531.0	135.5	220.9	204.5	203.0	392.3	326.3	48.5	1,460.8	70.2
Donetsk	1,968.1	183.1	289.1	286.1	262.8	472.1	395.7	79.2	1,856.9	111.2
Zhytomyr	552.3	68.4	73.9	66.9	68.8	128.1	105.7	40.5	502.2	50.1
Zakarpattia	541.2	63.6	71.5	72.8	69.2	139.3	98.6	26.2	508.2	33.0
Zaporizhia	821.9	78.8	109.7	107.4	106.6	203.1	175.3	41.0	764.0	57.9
Ivano-Frankivsk	562.7	48.0	81.2	75.3	79.2	140.7	105.9	32.4	520.4	42.3
Kyiv	758.4	74.7	113.6	110.7	103.0	185.9	140.7	29.8	718.5	39.9
Kirovohrad	434.0	42.2	58.0	50.0	54.3	114.6	86.5	28.4	397.3	36.7
Luhansk	1,011.7	83.5	139.5	133.4	126.9	248.2	219.0	61.2	928.4	83.3
Lviv	1,104.7	78.8	160.3	147.8	146.4	286.4	231.2	53.8	1,035.6	69.1
Mykolaiv	534.5	45.8	78.1	63.3	68.4	132.0	123.9	23.0	500.1	34.4
Odesa	1,064.5	92.8	150.7	152.0	131.9	256.9	220.2	60.0	987.6	76.9
Poltava	648.3	55.9	81.1	80.8	89.4	178.7	129.0	33.4	604.8	43.5
Rivne	494.9	51.2	68.2	64.5	61.0	115.7	96.5	37.8	446.5	48.4
Sumy	515.9	36.5	65.8	57.2	70.3	128.8	114.6	42.7	461.5	54.4
Ternopil	442.9	50.5	55.6	54.0	56.7	106.7	85.2	34.2	400.3	42.6
Kharkiv	1,282.8	93.4	191.5	184.7	175.9	303.0	276.9	57.4	1,208.3	74.5
Kherson	480.2	53.4	65.5	57.4	58.1	116.3	104.3	25.2	445.9	34.3
Khmelnysk	573.7	55.0	74.5	62.0	73.2	144.0	127.4	37.6	524.3	49.4
Cherkasy	562.1	54.4	74.8	70.8	70.8	143.9	118.0	29.4	524.1	38.0
Chernivtsi	391.6	31.6	52.2	43.2	49.6	87.5	80.6	46.9	334.4	57.2
Chernihiv	473.4	41.2	66.7	56.4	57.1	110.9	98.1	43.0	419.4	54.0
City of Kyiv	1,413.1	100.4	207.3	230.2	196.9	315.7	273.1	89.5	1,292.5	120.6
City of Sevastopol	178.9	14.1	25.8	25.1	24.0	41.5	36.3	12.1	162.9	16.0

1.17. Unemployed population, by age group and region

(thsd. prs.)

	Unemployed aged 15-70	including by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Ukraine	1,576.5	385.5	271.0	193.4	172.4	330.3	223.9	–	1,576.4	0.1
Autonomous Republic of Crimea	55.2	25.2	4.6	4.3	4.5	11.7	4.9	–	55.2	–
oblasts										
Vinnitsia	64.4	17.3	11.5	8.7	8.1	14.6	4.2	–	64.4	–
Volyn	37.9	12.2	7.2	4.8	3.1	6.1	4.5	–	37.9	–
Dnipropetrovsk	106.8	24.1	22.2	19.2	13.1	19.4	8.8	–	106.8	–
Donetsk	165.6	42.6	32.6	15.2	16.2	28.0	31.0	–	165.5	0.1
Zhytomyr	56.8	12.7	7.4	5.0	10.3	16.9	4.5	–	56.8	–
Zakarpattia	45.6	13.4	12.4	6.6	2.1	4.2	6.9	–	45.6	–
Zaporizhia	57.7	11.1	10.9	4.8	6.3	12.8	11.8	–	57.7	–
Ivano-Frankivsk	43.8	14.4	9.1	4.7	1.0	10.2	4.4	–	43.8	–
Kyiv	49.4	10.7	6.6	0.9	4.7	19.2	7.3	–	49.4	–
Kirovohrad	37.0	11.9	7.5	4.8	4.0	5.8	3.0	–	37.0	–
Luhansk	66.3	15.5	11.6	10.5	7.8	12.7	8.2	–	66.3	–
Lviv	84.3	24.5	16.8	11.5	7.7	13.1	10.7	–	84.3	–
Mykolaiv	42.6	9.2	3.3	9.6	5.1	11.8	3.6	–	42.6	–
Odesa	59.5	7.2	4.5	1.8	17.3	16.7	12.0	–	59.5	–
Poltava	57.7	15.7	12.1	10.4	2.4	9.4	7.7	–	57.7	–
Rivne	51.4	15.5	8.3	5.8	5.5	6.4	9.9	–	51.4	–
Sumy	42.8	5.2	4.1	10.5	5.2	11.6	6.2	–	42.8	–
Ternopil	46.2	11.3	10.3	6.2	3.7	5.7	9.0	–	46.2	–
Kharkiv	87.8	20.1	13.8	4.1	6.6	29.2	14.0	–	87.8	–
Kherson	44.4	8.6	7.4	5.4	7.3	6.4	9.3	–	44.4	–
Khmelnysk	49.9	14.2	7.2	9.2	4.1	8.2	7.0	–	49.9	–
Cherkasy	55.2	8.7	10.3	7.4	8.2	13.5	7.1	–	55.2	–
Chernivtsi	31.4	5.4	2.8	7.9	4.4	7.6	3.3	–	31.4	–
Chernihiv	48.4	9.0	10.1	6.4	2.8	10.3	9.8	–	48.4	–
City of Kyiv	77.5	15.9	13.4	6.4	10.7	17.8	13.3	–	77.5	–
City of Sevastopol	10.9	3.9	3.0	1.3	0.2	1.0	1.5	–	10.9	–

1.18. Economically inactive population, by age group and region

(thsd. prs.)

	Economically inactive population aged 15-70	including by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Ukraine	11,861.7	3,421.0	744.0	558.0	439.4	880.1	2,168.1	3,651.1	7,552.2	4,309.5
Autonomous Republic of Crimea	495.1	130.1	40.6	22.4	19.3	35.6	81.1	166.0	297.5	197.6
oblasts										
Vinnitsia	412.5	114.0	28.3	18.4	21.7	32.9	78.4	118.8	272.3	140.2
Volyn	262.7	77.8	23.7	14.1	11.6	21.7	49.6	64.2	187.0	75.7
Dnipropetrovsk	826.8	233.0	39.9	33.2	22.9	42.7	152.5	302.6	470.2	356.6
Donetsk	1,130.6	256.9	56.7	39.1	32.3	83.9	257.3	404.4	650.7	479.9
Zhytomyr	313.7	83.0	22.4	16.3	10.0	28.3	64.9	88.8	207.9	105.8
Zakarpattia	336.7	102.5	23.3	19.0	20.7	24.4	59.0	87.8	232.0	104.7
Zaporizhia	460.7	119.0	28.8	20.8	16.8	32.6	86.6	156.1	277.2	183.5
Ivano-Frankivsk	408.4	130.5	27.5	23.7	17.3	37.5	77.4	94.5	297.7	110.7
Kyiv	466.2	122.5	25.8	20.4	15.8	36.4	98.3	147.0	291.6	174.6
Kirovohrad	259.0	67.9	12.7	11.7	10.1	19.7	51.3	85.6	159.5	99.5
Luhansk	623.8	149.8	47.7	32.8	24.6	42.7	139.6	186.6	402.9	220.9
Lviv	689.0	242.6	39.8	35.8	20.3	47.8	114.8	187.9	466.9	222.1
Mykolaiv	304.8	90.8	19.7	15.9	10.7	17.9	45.5	104.3	184.5	120.3
Odesa	660.9	209.6	49.7	33.7	26.0	51.6	97.4	192.9	432.0	228.9
Poltava	384.6	102.7	26.1	14.0	14.8	22.2	72.9	131.9	230.6	154.0
Rivne	284.6	96.7	22.2	15.7	14.8	29.0	45.5	60.7	213.8	70.8
Sumy	299.6	90.7	25.0	15.1	6.6	21.1	55.4	85.7	197.9	101.7
Ternopil	299.5	82.9	23.7	19.8	14.1	33.8	54.4	70.8	216.5	83.0
Kharkiv	715.3	225.9	30.1	32.5	21.1	45.9	116.3	243.5	423.7	291.6
Kherson	280.5	73.2	19.2	16.1	11.4	26.6	45.9	88.1	175.9	104.6
Khmelnysk	337.6	94.4	21.5	21.0	14.3	29.7	53.8	102.9	217.8	119.8
Cherkasy	321.3	88.9	16.9	8.8	10.7	21.4	56.6	118.0	183.6	137.7
Chernivtsi	244.6	91.2	23.0	18.1	11.3	25.8	35.5	39.7	197.7	46.9
Chernihiv	259.4	71.1	11.7	11.3	12.3	22.1	52.1	78.8	166.1	93.3
City of Kyiv	687.3	249.6	33.9	22.9	24.5	39.1	105.5	211.8	440.5	246.8
City of Sevastopol	96.5	23.7	4.1	5.4	3.4	7.7	20.5	31.7	58.2	38.3

1.19. Economically active population, by level of education and region

	Economically active population aged 15-70, thsd. prs.							Economic activity rate, in % to population of relevant level of education						
	Total	including by level of education						Total	of which by level of education					
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated
Ukraine	21,980.6	6,116.8	205.2	4,549.0	10,037.4	1,031.8	40.4	65.0	78.4	49.0	70.9	63.2	34.4	12.4
Autonomous Republic of Crimea	966.2	253.7	0.6	171.5	508.4	31.1	0.9	66.1	73.6	17.6	67.9	68.8	29.0	6.3
oblasts														
Vinnitsia	769.0	164.1	15.7	174.5	309.3	102.2	3.2	65.1	77.3	68.3	68.4	62.2	58.1	18.4
Volyn	483.6	107.0	3.6	85.3	267.6	19.3	0.8	64.8	77.3	60.0	72.4	66.1	28.1	7.5
Dnipropetrovsk	1,637.8	425.1	9.0	400.9	734.8	66.0	2.0	66.5	81.1	32.6	74.4	63.1	33.6	16.1
Donetsk	2,133.7	580.8	24.9	560.8	915.9	50.1	1.2	65.4	81.2	58.6	69.7	62.8	23.2	4.3
Zhytomyr	609.1	113.4	1.8	131.8	335.4	25.2	1.5	66.0	75.5	36.0	73.1	65.2	37.9	23.8
Zakarpattia	586.8	119.9	13.3	78.4	332.1	41.8	1.3	63.5	84.0	55.4	79.1	67.2	29.7	5.7
Zaporizhia	879.6	241.7	2.9	193.5	410.8	29.2	1.5	65.6	77.4	26.1	72.0	64.3	31.2	9.6
Ivano-Frankivsk	606.5	148.3	10.3	111.9	320.1	15.9	–	59.8	74.3	46.4	66.9	59.1	20.6	–
Kyiv	807.8	187.4	7.7	139.2	429.1	43.8	0.6	63.4	76.6	48.4	71.6	63.9	32.1	5.6
Kirovohrad	471.0	111.1	5.4	119.3	211.2	21.7	2.3	64.5	79.2	75.0	71.5	62.0	33.0	24.0
Luhansk	1,078.0	268.3	2.6	246.3	515.9	43.4	1.5	63.3	73.9	37.7	68.1	62.9	32.6	9.1
Lviv	1,189.0	378.9	10.2	254.1	521.3	23.9	0.6	63.3	81.8	52.3	73.7	58.3	16.6	4.7
Mykolaiv	577.1	135.4	7.0	125.0	275.5	31.8	2.4	65.4	76.2	43.5	73.1	66.8	36.3	14.1
Odesa	1,124.0	322.7	5.7	195.3	488.7	103.0	8.6	63.0	74.3	52.3	72.2	60.8	43.8	28.9
Poltava	706.0	174.4	5.7	165.6	307.5	51.1	1.7	64.7	76.2	25.1	67.5	65.2	46.0	15.5
Rivne	546.3	123.7	6.8	88.1	287.2	38.3	2.2	65.7	75.8	63.0	69.3	67.3	43.5	14.9
Sumy	558.7	113.4	6.7	114.2	318.6	5.3	0.5	65.1	77.0	68.4	72.2	65.4	11.3	5.4
Ternopil	489.1	123.2	8.5	92.2	212.0	51.3	1.9	62.0	73.1	61.2	66.6	61.5	44.4	26.0
Kharkiv	1,370.6	481.5	15.9	234.0	601.4	37.8	–	65.7	80.8	54.1	71.7	61.4	25.0	–
Kherson	524.6	116.8	5.2	104.7	254.2	41.6	2.1	65.2	73.8	53.1	67.7	68.7	43.7	12.1
Khmelnysk	623.6	148.8	5.5	136.3	275.1	57.4	0.5	64.9	78.3	65.5	70.1	63.9	44.7	5.3
Cherkasy	617.3	141.7	7.6	145.7	296.8	24.8	0.7	65.8	82.0	59.8	70.1	65.0	30.2	11.1
Chernivtsi	423.0	76.7	1.1	60.3	247.6	35.6	1.7	63.4	69.9	14.7	67.5	65.8	44.7	34.0
Chernihiv	521.8	121.2	4.2	122.7	253.7	19.3	0.7	66.8	76.2	37.2	73.0	67.4	32.2	11.1
City of Kyiv	1,490.6	863.1	16.4	252.3	344.4	14.4	–	68.4	82.3	44.1	72.0	52.1	18.7	–
City of Sevastopol	189.8	74.5	0.9	45.1	62.8	6.5	–	66.3	76.6	24.3	69.6	64.7	31.0	–

1.20. Employed population, by level of education and region

	Employed aged 15-70, thsd. prs.							Employment rate, in % to population of relevant level of education						
	Total	including by level of education						Total	of which by level of education					
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated
Ukraine	20,404.1	5,715.9	182.7	4,229.9	9,275.9	960.7	39.0	60.3	73.3	43.7	65.9	58.4	32.0	12.0
Autonomous Republic of Crimea	911.0	243.7	0.6	163.2	473.4	29.2	0.9	62.3	70.7	17.6	64.6	64.1	27.2	6.3
oblasts														
Vinnitsia	704.6	150.5	13.3	160.5	279.5	97.6	3.2	59.6	70.9	57.8	62.9	56.2	55.5	18.4
Volyn	445.7	99.8	3.2	80.4	242.4	19.1	0.8	59.7	72.1	53.3	68.3	59.9	27.8	7.5
Dnipropetrovsk	1,531.0	401.3	8.1	374.7	685.5	59.4	2.0	62.1	76.6	29.3	69.5	58.9	30.2	16.1
Donetsk	1,968.1	548.2	22.8	509.7	846.7	39.5	1.2	60.3	76.6	53.6	63.4	58.1	18.3	4.3
Zhytomyr	552.3	105.0	1.8	118.3	302.6	23.1	1.5	59.9	70.0	36.0	65.6	58.8	34.7	23.8
Zakarpattia	541.2	113.1	11.1	70.6	307.7	37.4	1.3	58.6	79.3	46.3	71.2	62.3	26.5	5.7
Zaporizhia	821.9	228.6	2.9	185.3	378.8	24.8	1.5	61.3	73.2	26.1	69.0	59.3	26.5	9.6
Ivano-Frankivsk	562.7	129.0	5.4	104.3	308.3	15.7	–	55.4	64.6	24.3	62.4	56.9	20.4	–
Kyiv	758.4	172.7	7.3	133.0	403.3	41.5	0.6	59.5	70.5	45.9	68.5	60.0	30.4	5.6
Kirovohrad	434.0	102.1	5.4	110.0	195.4	18.8	2.3	59.5	72.8	75.0	65.9	57.4	28.6	24.0
Luhansk	1,011.7	258.8	2.6	228.9	477.3	42.6	1.5	59.4	71.3	37.7	63.2	58.2	32.0	9.1
Lviv	1,104.7	345.4	9.2	239.3	487.0	23.2	0.6	58.8	74.6	47.2	69.4	54.5	16.1	4.7
Mykolaiv	534.5	124.7	6.0	117.1	255.9	29.5	1.3	60.6	70.2	37.3	68.5	62.0	33.7	7.6
Odesa	1,064.5	304.7	5.7	182.4	462.0	101.1	8.6	59.6	70.1	52.3	67.4	57.4	43.0	28.9
Poltava	648.3	163.2	5.7	150.5	278.7	48.5	1.7	59.4	71.3	25.1	61.3	59.1	43.6	15.5
Rivne	494.9	114.9	6.8	78.5	256.6	35.9	2.2	59.6	70.4	63.0	61.7	60.1	40.8	14.9
Sumy	515.9	104.8	6.7	113.5	285.1	5.3	0.5	60.1	71.2	68.4	71.8	58.5	11.3	5.4
Ternopil	442.9	107.8	7.1	85.1	191.3	49.7	1.9	56.2	63.9	51.1	61.5	55.5	43.0	26.0
Kharkiv	1,282.8	458.1	15.0	219.8	553.8	36.1	–	61.5	76.9	51.0	67.3	56.5	23.8	–
Kherson	480.2	103.0	4.5	93.2	239.0	38.7	1.8	59.6	65.1	45.9	60.2	64.6	40.7	10.3
Khmelnitsk	573.7	136.7	5.3	129.3	248.5	53.4	0.5	59.7	71.9	63.1	66.5	57.7	41.6	5.3
Cherkasy	562.1	127.1	6.7	133.4	272.9	21.3	0.7	59.9	73.6	52.8	64.2	59.7	25.9	11.1
Chernivtsi	391.6	68.9	1.1	53.9	230.8	35.2	1.7	58.7	62.8	14.7	60.4	61.3	44.2	34.0
Chernihiv	473.4	113.2	3.5	110.3	230.3	15.4	0.7	60.6	71.2	31.0	65.6	61.2	25.7	11.1
City of Kyiv	1,413.1	820.2	14.0	243.4	322.7	12.8	–	64.9	78.3	37.6	69.4	48.8	16.6	–
City of Sevastopol	178.9	70.4	0.9	41.3	60.4	5.9	–	62.5	72.4	24.3	63.7	62.2	28.1	–

1.21. Economically inactive population, by level of education and region

	Economically inactive population aged 15-70, thsd. prs.							Economic inactivity rate, in % to population of relevant level of education						
	Total	including by level of education						Total	of which by level of education					
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated
Ukraine	11,861.7	1,685.5	213.3	1,869.7	5,838.1	1,969.2	285.9	35.0	21.6	51.0	29.1	36.8	65.6	87.6
Autonomous Republic of Crimea	495.1	91.1	2.8	81.1	230.3	76.3	13.5	33.9	26.4	82.4	32.1	31.2	71.0	93.8
oblasts														
Vinnitsia	412.5	48.3	7.3	80.7	188.3	73.7	14.2	34.9	22.7	31.7	31.6	37.8	41.9	81.6
Volyn	262.7	31.5	2.4	32.5	137.0	49.4	9.9	35.2	22.7	40.0	27.6	33.9	71.9	92.5
Dnipropetrovsk	826.8	99.1	18.6	138.0	430.0	130.7	10.4	33.5	18.9	67.4	25.6	36.9	66.4	83.9
Donetsk	1,130.6	134.9	17.6	243.5	542.2	165.9	26.5	34.6	18.8	41.4	30.3	37.2	76.8	95.7
Zhytomyr	313.7	36.7	3.2	48.4	179.3	41.3	4.8	34.0	24.5	64.0	26.9	34.8	62.1	76.2
Zakarpattia	336.7	22.8	10.7	20.7	162.0	99.1	21.4	36.5	16.0	44.6	20.9	32.8	70.3	94.3
Zaporizhia	460.7	70.5	8.2	75.2	228.2	64.5	14.1	34.4	22.6	73.9	28.0	35.7	68.8	90.4
Ivano-Frankivsk	408.4	51.3	11.9	55.3	221.8	61.1	7.0	40.2	25.7	53.6	33.1	40.9	79.4	100.0
Kyiv	466.2	57.4	8.2	55.1	242.7	92.7	10.1	36.6	23.4	51.6	28.4	36.1	67.9	94.4
Kirovohrad	259.0	29.2	1.8	47.5	129.2	44.0	7.3	35.5	20.8	25.0	28.5	38.0	67.0	76.0
Luhansk	623.8	94.6	4.3	115.6	304.6	89.7	15.0	36.7	26.1	62.3	31.9	37.1	67.4	90.9
Lviv	689.0	84.2	9.3	90.6	372.7	120.1	12.1	36.7	18.2	47.7	26.3	41.7	83.4	95.3
Mykolaiv	304.8	42.3	9.1	46.0	137.1	55.7	14.6	34.6	23.8	56.5	26.9	33.2	63.7	85.9
Odesa	660.9	111.7	5.2	75.3	315.5	132.0	21.2	37.0	25.7	47.7	27.8	39.2	56.2	71.1
Poltava	384.6	54.5	17.0	79.9	163.8	60.1	9.3	35.3	23.8	74.9	32.5	34.8	54.0	84.5
Rivne	284.6	39.4	4.0	39.1	139.8	49.7	12.6	34.3	24.2	37.0	30.7	32.7	56.5	85.1
Sumy	299.6	33.8	3.1	43.9	168.4	41.6	8.8	34.9	23.0	31.6	27.8	34.6	88.7	94.6
Ternopil	299.5	45.4	5.4	46.2	132.9	64.2	5.4	38.0	26.9	38.8	33.4	38.5	55.6	74.0
Kharkiv	715.3	114.4	13.5	92.5	378.1	113.7	3.1	34.3	19.2	45.9	28.3	38.6	75.0	100.0
Kherson	280.5	41.4	4.6	50.0	115.6	53.6	15.3	34.8	26.2	46.9	32.3	31.3	56.3	87.9
Khmelnysk	337.6	41.2	2.9	58.1	155.5	70.9	9.0	35.1	21.7	34.5	29.9	36.1	55.3	94.7
Cherkasy	321.3	31.0	5.1	62.1	160.1	57.4	5.6	34.2	18.0	40.2	29.9	35.0	69.8	88.9
Chernivtsi	244.6	33.1	6.4	29.0	128.8	44.0	3.3	36.6	30.1	85.3	32.5	34.2	55.3	66.0
Chernihiv	259.4	37.9	7.1	45.4	122.7	40.7	5.6	33.2	23.8	62.8	27.0	32.6	67.8	88.9
City of Kyiv	687.3	185.0	20.8	98.3	317.2	62.6	3.4	31.6	17.7	55.9	28.0	47.9	81.3	100.0
City of Sevastopol	96.5	22.8	2.8	19.7	34.3	14.5	2.4	33.7	23.4	75.7	30.4	35.3	69.0	100.0

EMPLOYED POPULATION, 2013

SECTION 2

2.1. Employed population, by sex, place of residence and status in employment

	Population aged 15-70 engaged in economic activity, average for the period				
	I quarter	II quarter	III quarter	IV quarter	year
Total, thsd. prs.	20,084.5	20,675.3	20,864.2	19,992.4	20,404.1
including by status in employment, in percentage to the total					
employees	82.1	80.5	79.5	81.4	80.9
employers	1.0	1.0	1.1	1.1	1.0
own-account workers	16.6	18.2	19.0	17.1	17.8
contributing family workers	0.3	0.3	0.4	0.4	0.3

Table 2.1. continued

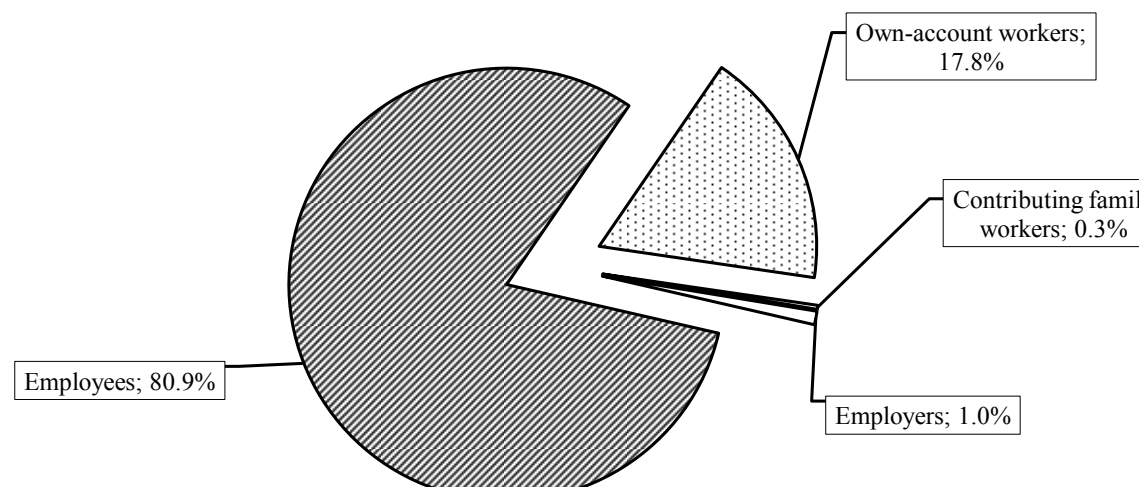
	Population aged 15-70 engaged in economic activity, average for the period									
	I quarter		II quarter		III quarter		IV quarter		year	
	women	men	women	men	women	men	women	men	women	men
Total, thsd. prs.	9,732.4	10,352.1	10,052.4	10,622.9	10,032.4	10,831.8	9,573.1	10,419.3	9,847.6	10,556.5
including by status in employment, in percentage to the total										
employees	82.0	82.2	79.9	81.1	78.5	80.5	81.2	81.7	80.3	81.4
employers	0.7	1.2	0.7	1.2	0.6	1.5	0.6	1.4	0.7	1.3
own-account workers	17.1	16.3	19.2	17.3	20.7	17.6	17.9	16.5	18.7	16.9
contributing family workers	0.2	0.3	0.2	0.4	0.2	0.4	0.3	0.4	0.3	0.4

Table 2.1. continued

	Population aged 15-70 engaged in economic activity, average for the period									
	I quarter		II quarter		III quarter		IV quarter		year	
	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas
Total, thsd. prs. including by status in employment, in percentage to the total	13,877.7	6,206.8	14,151.2	6,524.1	14,230.6	6,633.6	13,733.1	6,259.3	13,998.2	6,405.9
employees	92.5	58.8	91.3	57.2	89.9	57.2	91.6	59.2	91.3	58.1
employers	1.2	0.4	1.1	0.6	1.3	0.6	1.3	0.5	1.3	0.5
own-account workers	6.2	40.2	7.4	41.5	8.7	41.3	7.0	39.4	7.3	40.6
contributing family workers	0.1	0.6	0.2	0.7	0.1	0.9	0.1	0.9	0.1	0.8

2.2. Employed population aged 15-70, by status in employment

(in percentage to the total)



2.3. Employed population, by type economic activity

(thsd. prs.)

	Total	including	
		employees of enterprises, establishments and organizations	percentage of total
Total ¹	20,404.1	11,700.5	100.0
Agriculture, forestry and fishing	3,577.5	661.4	5.7
Industry	3,274.8	2,824.6	24.1
Construction	888.8	381.4	3.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	4,556.2	1,166.2	10.0
Transportation and storage	1,221.2	857.9	7.3
Accommodation and food service activities	357.8	134.7	1.1
Information and communication	312.2	219.9	1.9
Financial and insurance activities	318.1	306.1	2.6
Real estate activities	332.3	205.2	1.7
Professional, scientific and technical activities	527.4	412.1	3.5
Administrative and support service activities	367.6	301.3	2.6
Public administration and defence, compulsory social security	1,025.3	1,025.3	8.8
Education	1,690.9	1,669.4	14.3
Human health and social work activities	1,256.7	1,225.3	10.5
Arts, entertainment and recreation	240.7	202.2	1.7
Other types of economic activity	456.6	107.5	0.9

¹ Methodology of indicator provides a definition of population employment by the place of its residence. The distribution of the total employed by type of economic activity is made through a complex estimate based on integration of different sources. Employees of enterprises, institutions and organizations are recovered 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.

2.4. Employed population, by economic activity and region

(thsd. prs.)

	Total ¹	including							
		Agriculture, forestry and fishing	Industry	Construction	Wholesale and retail trade; repair of motor vehicles and motorcycles	Transportation and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities
Ukraine	20,404.1	3,577.5	3,274.8	888.8	4,556.2	1,221.2	357.8	312.2	318.1
Autonomous Republic of Crimea	911.0	183.7	81.8	34.0	246.2	48.9	24.3	9.0	9.8
oblasts									
Vinnitsya	704.6	232.5	75.8	18.8	130.0	40.0	6.0	6.5	7.2
Volyn	445.7	119.0	54.3	13.8	95.4	21.8	5.8	3.5	5.7
Dnipropetrovsk	1,531.0	106.3	403.0	57.8	391.2	93.5	23.4	27.5	29.7
Donetsk	1,968.1	210.9	496.4	103.2	466.0	134.1	28.3	18.5	22.2
Zhytomyr	552.3	84.8	77.6	27.5	134.4	40.3	7.5	8.0	5.1
Zakarpattia	541.2	137.5	60.3	30.6	96.7	28.0	16.0	3.8	4.2
Zaporizhia	821.9	134.9	188.4	32.6	184.4	39.6	15.5	10.0	9.3
Ivano-Frankivsk	562.7	157.7	72.2	25.8	104.5	24.4	8.7	3.7	5.2
Kyiv	758.4	53.1	135.4	31.9	159.3	70.0	16.2	12.2	17.7
Kirovohrad	434.0	133.3	54.4	15.8	76.4	27.4	5.1	4.6	2.9
Luhansk	1,011.7	130.8	240.7	41.2	271.6	62.1	16.5	8.8	8.5
Lviv	1,104.7	219.4	158.3	78.9	202.9	65.9	24.7	18.8	13.1
Mykolaiv	534.5	137.8	73.3	19.8	115.4	32.9	8.7	3.7	4.8
Odesa	1,064.5	172.3	93.8	47.1	251.9	110.5	25.0	18.0	16.1
Poltava	648.3	128.5	122.4	22.1	138.4	39.5	10.5	6.2	7.0
Rivne	494.9	93.3	64.8	24.2	126.2	26.6	10.9	5.6	4.5
Sumy	515.9	111.6	82.8	24.5	106.7	28.7	4.8	4.6	5.2
Ternopil	442.9	148.3	41.2	16.0	73.1	18.9	8.4	3.6	3.7
Kharkiv	1,282.8	172.6	248.8	55.4	303.2	73.7	18.6	27.9	16.1
Kherson	480.2	148.1	47.2	13.9	102.7	22.4	7.1	3.9	4.4
Khmelnysk	573.7	162.9	70.2	17.0	128.8	29.1	6.2	4.3	5.1
Cherkasy	562.1	156.4	81.4	28.0	100.9	30.1	5.7	5.1	6.8
Chernivtsi	391.6	107.3	39.4	19.4	75.2	17.6	8.8	3.8	3.4
Chernihiv	473.4	125.6	59.1	12.4	103.3	20.2	4.5	4.9	6.6
City of Kyiv	1,413.1	4.1	128.8	63.4	330.9	66.3	36.0	82.4	91.7
City of Sevastopol	178.9	4.8	23.0	13.7	40.5	8.7	4.6	3.3	2.1

¹ See footnote to Table 2.3.

Table 2.4. continued

	including							
	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence, compulsory social security	Education	Human health and social work activities	Arts, entertainment and recreation	Other types of economic activity
Ukraine	332.3	527.4	367.6	1,025.3	1,690.9	1,256.7	240.7	456.6
Autonomous Republic of Crimea	12.8	28.2	20.4	48.1	63.7	73.0	11.1	16.0
oblasts								
Vinnitsia	6.2	11.0	10.5	38.3	63.1	47.7	4.2	6.8
Volyn	4.9	6.2	5.1	24.3	47.4	28.7	4.7	5.1
Dnipropetrovsk	23.1	38.7	31.6	62.3	116.6	84.1	12.2	30.0
Donetsk	29.7	35.5	43.0	74.0	124.6	110.6	24.3	46.8
Zhytomyr	5.0	9.2	7.5	37.4	50.5	35.6	7.0	14.9
Zakarpattia	5.8	5.7	4.1	25.4	49.3	28.8	6.2	38.8
Zaporizhia	12.5	20.9	11.8	32.9	59.9	49.1	8.9	11.2
Ivano-Frankivsk	4.3	8.1	7.7	22.7	54.9	38.5	7.7	16.6
Kyiv	18.9	29.4	19.3	50.8	61.5	58.6	12.2	11.9
Kirovohrad	7.0	4.8	3.2	22.0	37.6	27.3	6.2	6.0
Luhansk	8.3	15.7	12.6	43.4	68.6	57.1	8.8	17.0
Lviv	12.1	21.8	16.8	55.3	103.3	79.2	11.0	23.2
Mykolaiv	6.5	7.0	6.3	29.9	44.1	28.1	5.4	10.8
Odesa	27.0	24.4	25.9	54.1	92.7	63.2	12.6	29.9
Poltava	7.5	10.8	10.1	32.9	53.0	42.2	6.7	10.5
Rivne	4.5	6.7	4.9	22.3	48.5	32.7	6.8	12.4
Sumy	4.7	9.0	7.5	27.9	44.3	32.7	5.6	15.3
Ternopil	3.5	6.1	4.4	21.1	47.0	29.2	6.8	11.6
Kharkiv	39.0	44.3	19.2	55.3	106.6	71.8	11.5	18.8
Kherson	6.3	8.4	4.5	24.7	41.8	27.0	8.2	9.6
Khmelnitsk	5.7	7.2	6.0	30.7	52.7	34.6	6.2	7.0
Cherkasy	5.2	9.8	7.5	25.7	47.8	37.0	5.8	8.9
Chernivtsi	4.4	4.6	3.3	16.9	36.0	24.5	4.3	22.7
Chernihiv	5.0	8.2	6.7	30.9	39.3	34.5	6.7	5.5
City of Kyiv	57.2	140.1	63.7	101.2	120.1	69.0	26.5	31.7
City of Sevastopol	5.2	5.6	3.9	14.9	16.0	11.9	3.1	17.6

**2.5. Employed population aged 15-70, by sex, place of residence and occupational group
(by section of Classifier of Occupations)**

(thsd. prs.)

	Total population	Women	Men	Urban settlements	Rural areas
Total, thsd. prs.	20,404.1	9,847.6	10,556.5	13,998.2	6,405.9
including by occupational group					
legislators, senior officials and managers	1,548.5	593.3	955.2	1,344.9	203.6
professionals	3,035.8	1,869.1	1,166.7	2,632.5	403.3
experts	2,299.5	1,517.8	781.7	1,846.2	453.3
technical personnel	661.8	573.1	88.7	533.6	128.2
services and trade personnel	3,123.4	2,112.4	1,011.0	2,422.6	700.8
skilled workers in agriculture, forestry, fishery and fish farming	177.6	77.1	100.5	52.7	124.9
skilled workers using specific tools	2,446.4	300.8	2,145.6	1,966.1	480.3
plant and machine operators and assemblers	2,275.1	414.7	1,860.4	1,649.1	626.0
elementary occupations	4,836.0	2,389.3	2,446.7	1,550.5	3,285.5

**2.6. Employed population aged 15-64, by sex, place of residence and occupational group
(by section of Classifier of Occupations)**

(thsd. prs.)

	Total population	Women	Men	Urban settlements	Rural areas
Total, thsd. prs.	20,045.2	9,643.2	10,402.0	13,865.1	6,180.1
including by occupational group					
legislators, senior officials and managers	1535.5	587.7	947.8	1332.9	202.6
professionals	3006.2	1854.5	1151.7	2604.8	401.4
experts	2287.5	1509.5	778.0	1835.3	452.2
technical personnel	658.6	570.4	88.2	530.4	128.2
services and trade personnel	3111.5	2104.9	1006.6	2412.1	699.4
skilled workers in agriculture, forestry, fishery and fish farming	177.0	77.0	100.0	52.7	124.3
skilled workers using specific tools	2438.6	299.6	2139.0	1959.1	479.5
plant and machine operators and assemblers	2270.4	413.9	1856.5	1644.8	625.6
elementary occupations	4559.9	2225.7	2334.2	1493.0	3066.9

**2.7. Employed population, by sex and occupational group
(by subsection of Classifier of Occupations)**

(thsd. prs.)

	Total population	Women	Men
Employed aged 15-70, total	20,404.1	9,847.6	10,556.5
including by occupational group			
managers of enterprises, institutions and organizations	8.4	2.2	6.2
managers of small enterprises without administrative staff	897.6	358.8	538.8
managers (stewards) of enterprises, institutions, organizations and units	321.2	106.5	214.7
physical, mathematical and engineering science professionals	321.3	125.8	195.5
life science and health professional	671.1	152.2	518.9
teaching professionals	339.8	208.7	131.1
other professionals technical experts in the field of applied science and technology specialists in biology, agronomy and medicine			
educators other experts	784.4	629.0	155.4
experts in food processing industry officials associated with the information	1,240.5	879.2	361.3
customer service officials	580.7	161.5	419.2
personal and protective services workers models, salespersons and demonstrators	642.1	584.2	57.9
businesses and individuals services workers skilled agricultural and fishery workers	197.9	176.1	21.8
extraction and building trade workers	862.6	583.3	279.3
metal, machinery and related trades workers precision, handicraft, printing and related trades workers	16.2	12.7	3.5
other skilled workers with tools	343.6	290.3	53.3
workers serving industrial equipment	318.2	282.8	35.4
machine operators and assemblers	1,440.7	830.0	610.7
drivers and workers in service vehicles and mobile plant	1,680.8	1,280.5	400.3
sales and services elementary occupations	1.9	1.9	-
elementary occupations in agricultural and related industries	177.6	77.1	100.5
elementary occupations in mining, construction, manufacturing and transport	915.1	78.7	836.4
managers of enterprises, institutions and organizations	1,194.0	54.0	1,140.0
managers of small enterprises without administrative staff	41.0	18.1	22.9
managers (stewards) of enterprises, institutions, organizations and units	296.3	150.0	146.3
physical, mathematical and engineering science professionals	387.3	139.9	247.4
life science and health professional	384.0	210.6	173.4
teaching professionals	1,503.8	64.2	1,439.6
other professionals technical experts in the field of applied science and technology specialists in biology, agronomy and medicine			
educators other experts	670.0	496.5	173.5
experts in food processing industry officials associated with the information	3,259.3	1,692.1	1,567.2
customer service officials	831.8	155.6	676.2
simple professions that are common to all sectors of the economy	74.9	45.1	29.8

2.8. Population engaged in economic activity, by sex, place of residence and reasons of temporary absence at work

	Population aged 15-70 engaged in economic activity, average for the period				
	Total population	Women	Men	Urban settlements	Rural areas
Persons temporarily absent at work¹, total, thsd. prs.	555.2	428.8	126.4	408.5	146.7
in percentage to the total employed	2.7	4.4	1.2	2.9	2.3
including by reason, in percentage to the total					
yearly leave	31.3	25.4	51.2	31.2	31.5
maternity leave, leave to care for a child until he/she reaches definite age according to the current legislation	53.7	69.2	1.2	56.9	44.9
leave without salary preservation (for the period of stoppage of work being done)	1.5	0.5	4.7	1.3	1.8
temporary absence due to illness or trauma, care for the sick person	3.2	2.2	6.7	3.6	2.3
seasonal work	6.8	1.3	25.4	3.5	15.9
day off according to the working schedule	2.5	1.1	7.4	2.7	2.0
other reasons	1.0	0.3	3.4	0.8	1.6

¹ The number of employed, who were temporarily absent at work is presented excluding persons engaged in their personal agricultural plots.

2.9. Employed population aged 15-70, by sex, place of residence and duration of working week

	Total, thsd. prs.	including by duration of actual time worked per week (percent)					Average actual duration of working week, hours
		up to 20 hours	20-29 hours	30-39 hours	40 hours	over 40 hours	
Total population							
Employed, total ¹	16,929.6	1.7	3.0	6.4	74.3	14.6	40
including by usual duration of working week							
up to 20 hours	255.2	98.9	0.9	0.1	0.1	-	15
20-29 hours	452.0	0.8	97.8	0.6	0.8	0.0	22
30-39 hours	1,048.4	0.5	0.3	98.4	0.3	0.5	34
40 hours	12,818.4	0.2	0.4	0.2	98.1	1.1	40
duration of working week not established	2,355.6	0.1	0.4	0.4	0.2	98.9	50
Women							
Employed, total ¹	7,834.8	2.7	4.2	7.2	74.6	11.3	39
including by usual duration of working week							
up to 20 hours	190.6	99.0	0.8	-	0.2	-	16
20-29 hours	303.2	0.7	98.7	0.4	0.2	0.0	22
30-39 hours	551.7	0.4	0.3	98.6	0.4	0.3	34
40 hours	5,944.2	0.2	0.4	0.2	98.3	0.9	40
duration of working week not established	845.1	0.1	0.3	0.5	0.2	98.9	50
Men							
Employed, total ¹	9,094.8	1.0	2.0	5.6	74.0	17.4	41
including by usual duration of working week							
up to 20 hours	64.6	98.6	0.9	0.5	-	-	14
20-29 hours	148.8	0.9	96.2	0.9	1.9	0.1	22
30-39 hours	496.7	0.6	0.3	98.0	0.3	0.8	34
40 hours	6,874.2	0.2	0.4	0.3	97.7	1.4	40
duration of working week not established	1,510.5	0.2	0.4	0.3	0.3	98.8	50

¹ The number of employed population is presented excluding persons engaged in their personal agricultural plots, and those who were temporarily absent at work.

Table 2.9. continued

	Total, thsd. prs.	including by duration of actual time worked per week (percent)					Average actual duration of working week, hours
		up to 20 hours	20-29 hours	30-39 hours	40 hours	over 40 hours	
Urban settlements							
Employed, total ¹ including by usual duration of working week	13,168.6	1.5	2.5	6.6	74.3	15.1	40
up to 20 hours	169.3	99.0	0.8	-	0.2	-	15
20-29 hours	284.6	0.6	98.0	0.7	0.6	0.1	23
30-39 hours	844.9	0.4	0.2	98.4	0.4	0.6	34
40 hours	9,980.5	0.2	0.4	0.2	98.0	1.2	40
duration of working week not established	1,889.3	0.1	0.3	0.4	0.2	99.0	50
Rural areas							
Employed, total ¹ including by usual duration of working week	3,761.0	2.6	4.8	5.5	74.1	13.0	39
up to 20 hours	85.9	98.5	1.2	0.3	-	-	15
20-29 hours	167.4	1.0	97.6	0.4	1.0	-	22
30-39 hours	203.5	1.0	0.6	97.8	0.3	0.3	33
40 hours	2,837.9	0.2	0.4	0.2	98.1	1.1	40
duration of working week not established	466.3	0.2	0.7	0.4	0.3	98.4	50

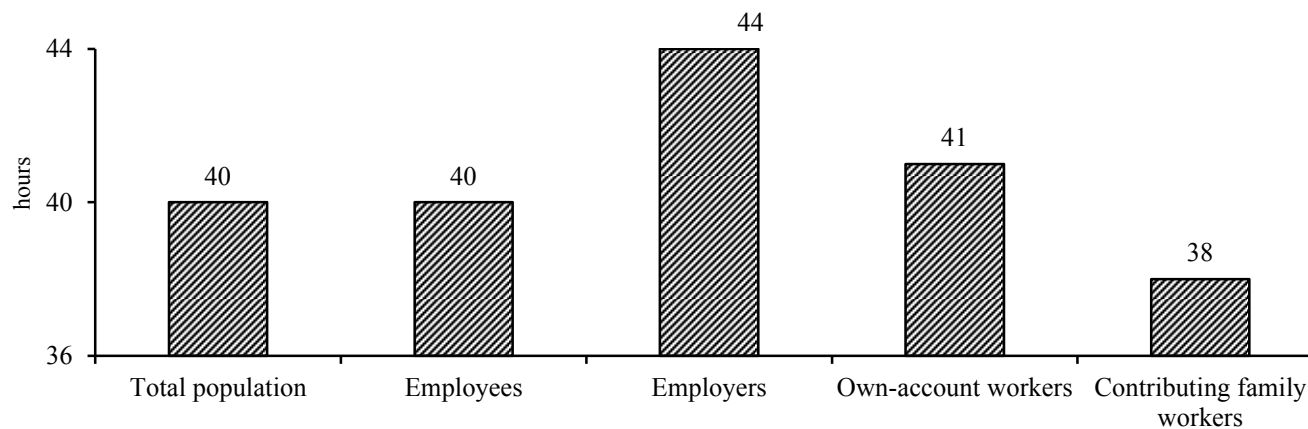
¹ The number of employed population is presented excluding persons engaged in their personal agricultural plots, and those who were temporarily absent at work.

2.10. Average actual duration of working week of employed population, by status in employment, sex and place of residence

	Actually worked hours average per week				
	Total population	Women	Men	Urban settlements	Rural areas
Employed, total ¹	40	39	41	40	39
including by status in employment					
employees	40	39	41	40	39
employers	44	44	45	45	43
own-account workers	41	40	41	41	39
contributing family workers	38	41	35	37	39

¹ See footnote to Table 2.9.

2.11. Average actual duration of working week of employed population, by status in employment



2.12. Average actual duration of working week of employed population, by type of economic activity, sex and place of residence

	Actually worked hours average per week				
	Total population	Women	Men	Urban settlements	Rural areas
Employed, total ¹	40	39	41	40	39
Agriculture, forestry and fishing	40	40	40	41	40
Industry	40	40	40	40	40
Construction	42	40	42	42	42
Wholesale and retail trade; repair of motor vehicles and motorcycles. Accommodation and food service activities	42	42	42	42	41
Transportation and storage	42	40	42	42	40
Financial and insurance activities. Real estate activities	40	40	41	40	40
Education. Human health and social work activities	36	36	37	37	36
Other types of economic activity	40	40	41	40	40

¹ See footnote to Table 2.9.

2.13. Average actual duration of working week of employed population by occupational group, sex and place of residence

	Actually worked hours average per week				
	Total population	Women	Men	Urban settlements	Rural areas
Employed, total ¹	40	39	41	40	39
including by occupational group					
legislators, senior officials and managers	41	40	41	41	40
professionals	37	36	39	38	34
experts	40	39	41	40	39
technical personnel	40	40	41	40	38
services and trade personnel	42	41	42	42	41
skilled workers in agriculture, forestry, fishery and fish farming	40	40	40	41	40
skilled workers using specific tools	41	40	41	41	41
plant and machine operators and assemblers	41	41	42	42	41
elementary occupations	40	39	41	40	40

¹ See footnote to Table 2.9.

2.14. Population engaged in informal sector, by sex, place of residence and status in employment

	Population engaged in informal sector		including			
	total, thsd. prs.	in percentage to the total number of employed	employees		self-employed	
			total, thsd. prs.	in percentage to the total number of employed of relevant status	total, thsd. prs.	in percentage to the total number of employed of relevant status
	average for the period					
Total population	4,805.9	23.6	1,648.9	10.0	3,157.0	80.9
Women	2,172.8	22.1	530.5	6.7	1,642.3	84.9
Men	2,633.1	24.9	1,118.4	13.0	1,514.7	77.0
Urban settlements	1,684.6	12.0	1,105.9	8.7	578.7	47.6
Rural areas	3,121.3	48.7	543.0	14.6	2,578.3	96.0

2.15. Population engaged in informal sector, by sex, place of residence and status in employment

(in % to the total number population engaged in informal sector of relevant sex and place of residence)



2.16. Population engaged in informal sector, by sex, place of residence and age group

	Total, thsd. prs.	including by age group (years), %							Working age, %	Over working age, %
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
		average per year								
Total population	4,805.9	11.9	12.1	10.7	10.9	19.9	20.6	13.9	82.9	17.1
Women	2,172.8	10.6	10.1	9.3	9.6	19.4	23.4	17.6	75.5	24.5
Men	2,633.1	12.9	13.7	11.8	11.9	20.4	18.4	10.9	89.1	10.9
Urban settlements	1,684.6	9.8	15.0	13.6	12.9	21.0	19.2	8.5	89.2	10.8
Rural areas	3,121.3	12.9	10.5	9.1	9.8	19.3	21.5	16.9	79.5	20.5

2.17. Participation rate of population in informal, sector by sex, place of residence and age group

(in percentage to the employed of relevant age group)

	Total	of which by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total population	23,6	31,1	20,3	18,8	19,7	19,2	23,6	58,7	21,1	54,6
Women	22,1	29,4	17,8	16,4	16,3	16,4	23,9	62,0	18,5	54,5
Men	24,9	32,4	22,3	20,9	22,8	22,2	23,3	54,8	23,4	54,8
Urban settlements	12,0	15,1	12,1	11,3	11,3	10,2	11,3	25,9	11,4	23,6
Rural areas	48,7	54,7	42,7	41,0	41,0	39,4	49,9	89,7	43,7	87,5

2.18. Population engaged in informal sector, by sex, place of residence and level of education

	Total, thsd. prs.	including by level of education, %					
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated
average per year							
Total population	4,805.9	7.6	0.6	13.7	65.2	12.2	0.7
Women	2,172.8	7.6	0.7	16.8	60.9	13.0	1.0
Men	2,633.1	7.6	0.6	11.0	68.8	11.5	0.5
Urban settlements	1,684.6	13.3	1.0	19.4	59.8	5.9	0.6
Rural areas	3,121.3	4.5	0.5	10.5	68.1	15.6	0.8

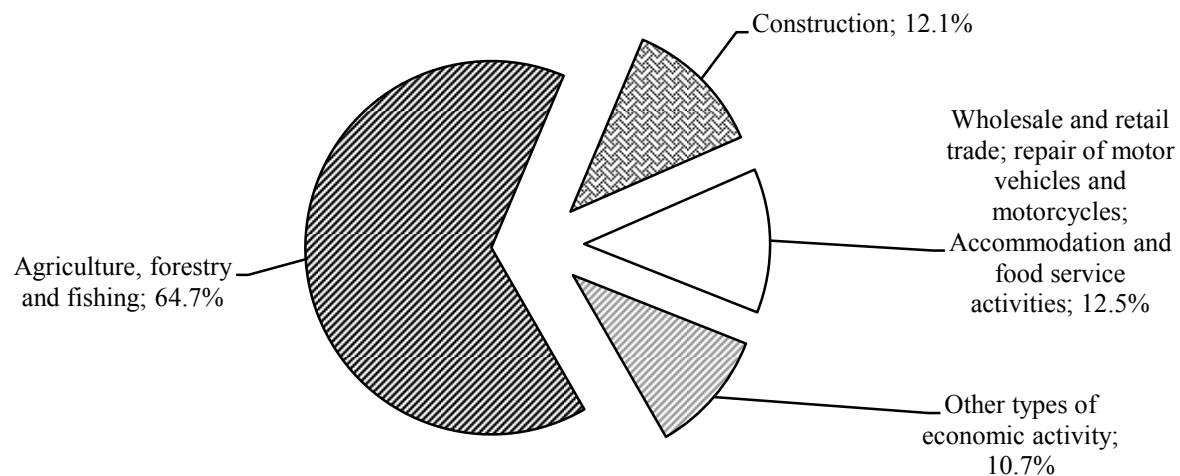
2.19. Participation rate of population in informal sector by sex, place of residence and level of education

(in percentage to the employed of relevant level of education)

	Total	of which by level of education					
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated
Total population	23.6	6.4	17.0	15.5	33.8	61.1	86.7
Women	22.1	5.4	17.3	14.5	35.3	64.2	91.0
Men	24.9	7.4	16.7	17.0	32.8	58.4	80.3
Urban settlements	12.0	4.5	12.4	10.3	18.7	31.7	69.6
Rural areas	48.7	18.6	28.6	31.2	54.9	75.2	95.7

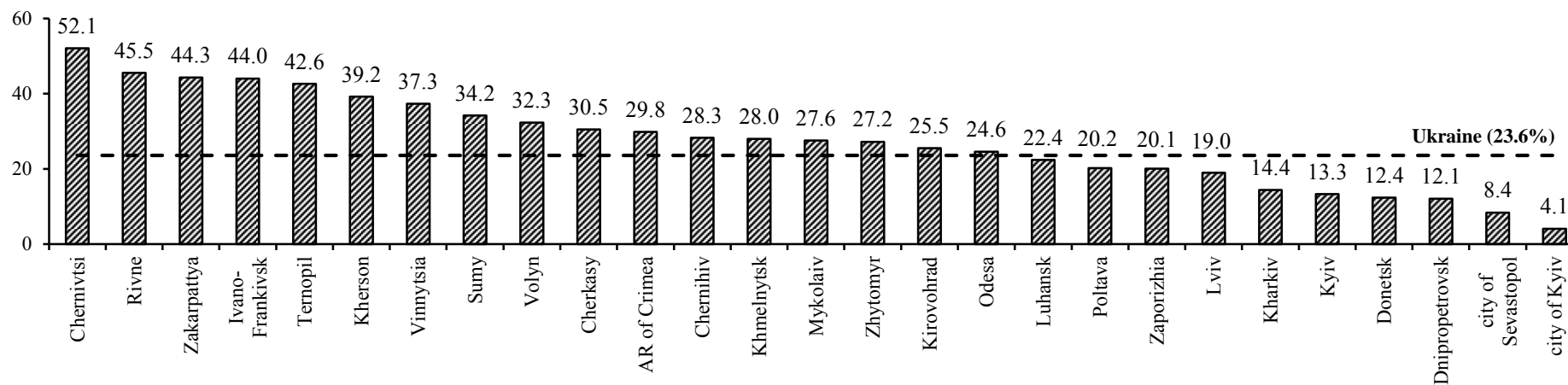
2.20. Population aged 15-70 engaged in informal sector, by type of economic activity

(in percentage to the total)



2.21. Participation rate of population in informal sector, by region

(in % to the total employed population)



UNEMPLOYED POPULATION, 2013

SECTION 3

3.1. Composition of unemployed population, by sex and location broken down by quarters

	Unemployed aged 15-70, average for the period, total, thsd. prs.	including			
		sought a job	tried to establish own business	found a job	
				start working during next two weeks	waiting for the reply
in percentage to the total					
Total population					
I quarter	1,755.9	96.8	0.2	1.0	2.0
II quarter	1,529.9	95.8	0.6	1.4	2.2
III quarter	1,374.2	97.7	0.1	0.5	1.7
IV quarter	1,646.1	98.3	0.6	0.2	0.9
year	1,576.5	97.1	0.4	0.8	1.7
Women					
I quarter	698.6	96.9	–	1.4	1.7
II quarter	604.2	95.5	–	2.2	2.3
III quarter	632.6	98.0	–	–	2.0
IV quarter	677.8	98.6	0.7	0.4	0.3
year	653.3	97.3	0.2	1.0	1.5
Men					
I quarter	1,057.3	96.7	0.3	0.8	2.2
II quarter	925.7	96.1	1.0	0.9	2.0
III quarter	741.6	97.4	0.1	0.9	1.6
IV quarter	968.3	98.0	0.6	–	1.4
year	923.2	97.0	0.5	0.7	1.8
Urban settlements					
I quarter	1,174.4	97.7	0.2	0.7	1.4
II quarter	1,049.2	96.5	0.9	1.3	1.3
III quarter	973.6	98.4	0.1	–	1.5
IV quarter	1,100.2	98.5	0.7	–	0.8
year	1,074.4	97.8	0.5	0.5	1.2
Rural areas					
I quarter	581.5	94.9	0.2	1.6	3.3
II quarter	480.7	94.2	–	1.6	4.2
III quarter	400.6	96.0	–	1.7	2.3
IV quarter	545.9	97.8	0.5	0.5	1.2
year	502.1	95.8	0.2	1.4	2.6

3.2. Unemployed population, by reason of unemployment, sex and place of residence

	Total population	Women	Men	Urban settlements	Rural areas
Unemployed aged 15-70, total, thsd. prs.	1,576.5	653.3	923.2	1,074.4	502.1
including by reason of unemployment, in percentage to the total					
laid off for economic reasons	29.8	28.4	30.8	28.0	33.6
dismissed at own will	37.7	42.0	34.6	42.7	27.0
demobilized after compulsory military service	1.0	–	1.7	0.8	1.5
not employed after graduating from secondary and higher education institutions	17.5	18.8	16.6	17.2	18.2
dismissed due to the health reasons, registering for pension, disability	1.2	1.1	1.3	1.2	1.2
dismissed due to the termination of the contract	8.5	6.9	9.7	6.4	13.0
other reasons of unemployment	4.3	2.8	5.3	3.7	5.5

3.3. Unemployed population, by ways of job search, sex and place of residence

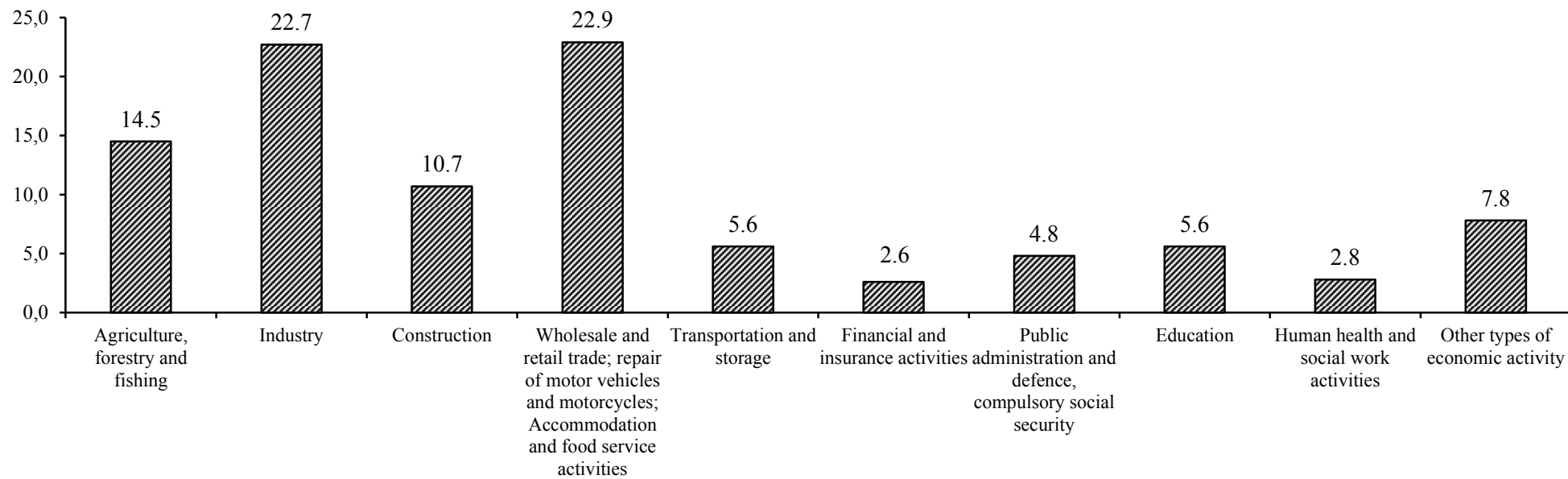
	Total population	Women	Men	Urban settlements	Rural areas
Unemployed aged 15-70, total, thsd. prs.	1,576.5	653.3	923.2	1,074.4	502.1
of which those who sought a job or tried to establish own business, thsd. prs.	1,537.2	636.8	900.4	1,055.6	481.6
including by ways of job search, in percentage to the total					
via the press (announcements)	18.7	17.4	19.5	24.2	6.4
personal relationships	33.3	25.6	38.7	34.1	31.5
appealed directly to the administration (employer)	9.4	8.5	10.0	9.2	9.7
appealed to the state employment service	36.5	47.4	28.7	29.9	50.7
appealed to a private recruitment company	1.0	0.4	1.4	0.8	1.3
other	1.1	0.7	1.7	1.8	0.4

3.4. Unemployed population, by occupational group, sex and place of residence

	Total population	Women	Men	Urban settlements	Rural areas
Unemployed aged 15-70, total, thsd. prs.	1,576.5	653.3	923.2	1,074.4	502.1
of which persons with working experience, thsd. prs.	1,187.8	477.5	710.3	818.2	369.6
including by occupational group, in percentage to the total					
legislators, senior officials and managers	4.6	4.6	4.5	5.9	1.8
professionals	10.6	15.3	7.5	12.9	5.6
experts	9.6	13.8	6.9	12.3	3.9
technical personnel	3.4	6.6	1.2	3.2	3.8
services and trade personnel	18.8	28.7	12.2	20.7	14.6
skilled workers in agriculture, forestry, fishery and fish farming	1.6	1.5	1.7	0.5	4.1
skilled workers using specific tools	13.6	5.5	19.0	14.2	12.1
plant and machine operators and assemblers	17.2	8.3	23.3	14.7	22.8
elementary occupations	20.6	15.7	23.7	15.6	31.3

3.5. Unemployed population aged 15-70, with job experience by type of economic activity

(in % to total unemployed with job experience)



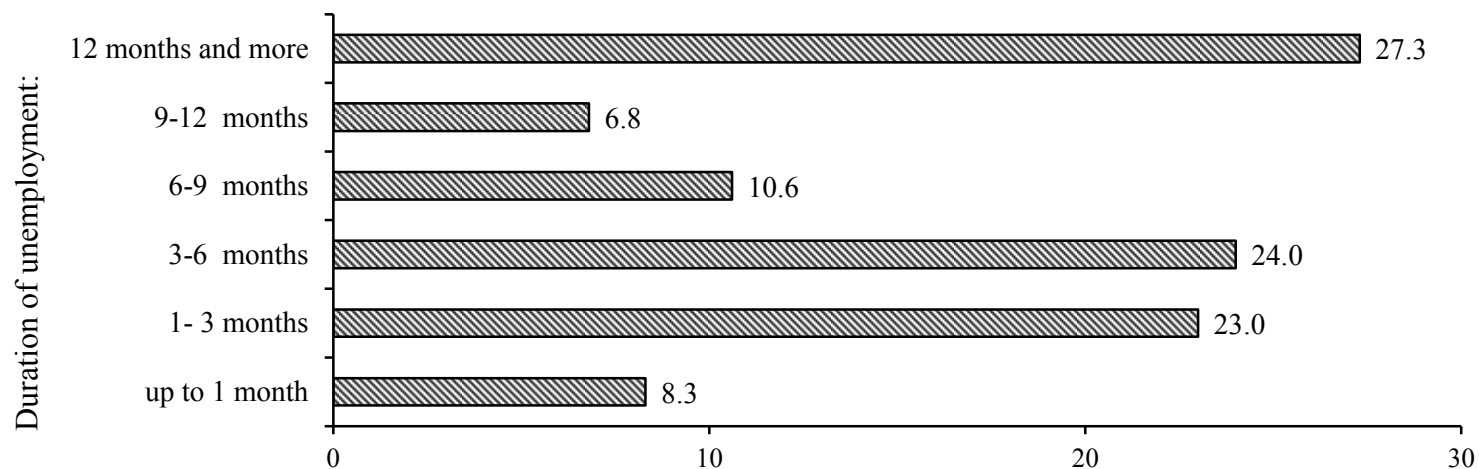
3.6. Unemployed population, by duration of unemployment, sex and place of residence

	Unemployed aged 15-70, total, thsd. prs.	Of which persons with working experience		Including by duration of unemployment						Average duration of unemployment, months ¹
				up to 1 month	1 - 3 months	3 - 6 months	6 - 9 months	9 - 12 months	12 and more months	
		total, thsd. prs.	in percentage to the total unemployed	in percentage to the total						
Total population	1,576.5	1,187.8	75.3	8.3	23.0	24.0	10.6	6.8	27.3	10
Women	653.3	477.5	73.1	7.8	23.6	23.3	10.5	6.6	28.2	10
Men	923.2	710.3	76.9	8.6	22.7	24.4	10.7	6.9	26.7	10
Urban settlements	1,074.4	818.2	76.2	7.4	22.0	22.9	10.8	6.9	30.0	11
Rural areas	502.1	369.6	73.6	10.4	25.4	26.5	9.8	6.5	21.4	9

¹The average duration of unemployment is calculated by a detailed interval series.

3.7. Unemployed population by duration of unemployment

(in % to unemployed with job experience)

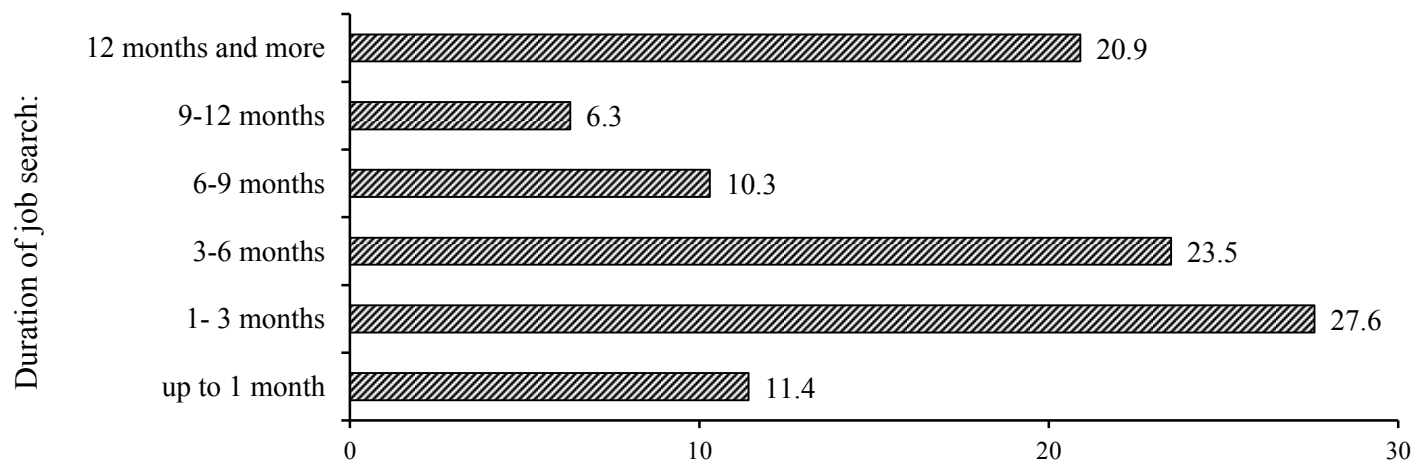


3.8. Unemployed population, by duration of job search, sex and place of residence

	Unemployed aged 15-70, total, thsd. prs.	Of which persons who sought a job or tried to establish own business		including by duration of job search						Average length of job search, months
		total, thsd. prs.	in percentage to the total unemployed	up to 1 month	1 - 3 months	3 - 6 months	6 - 9 months	9 - 12 months	12 and more months	
				in percentage to the total						
Total population	1,576.5	1,537.2	97.5	11.4	27.6	23.5	10.3	6.3	20.9	6
Women	653.3	636.8	97.5	10.1	27.6	23.2	11.4	6.4	21.3	6
Men	923.2	900.4	97.5	12.3	27.6	23.8	9.4	6.3	20.6	6
Urban settlements	1,074.4	1,055.6	98.3	10.4	26.1	23.0	10.9	6.6	23.0	7
Rural areas	502.1	481.6	95.9	13.6	30.9	24.6	9.2	5.6	16.1	6

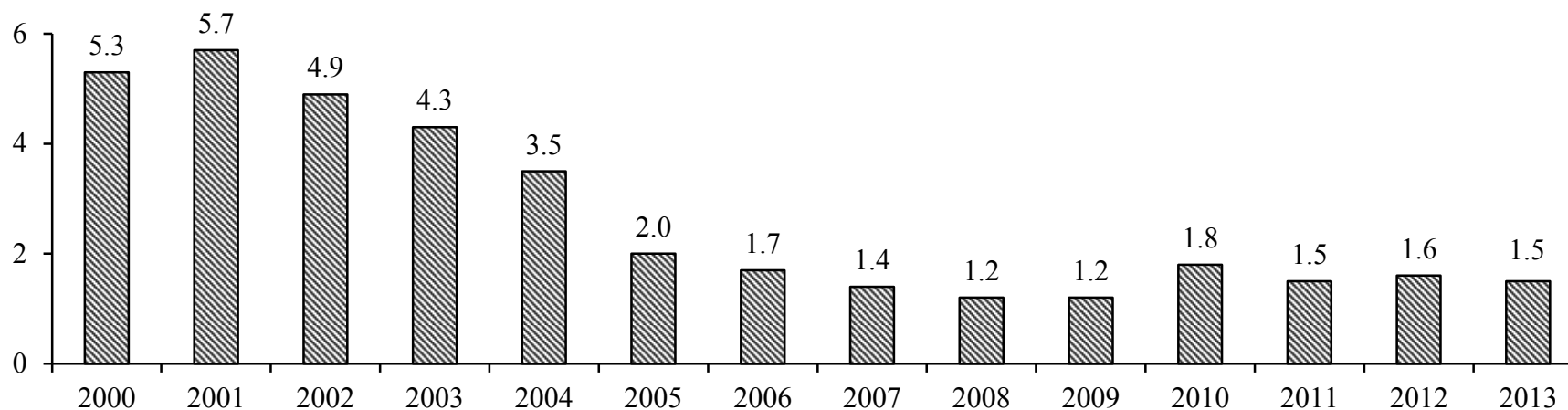
3.9. Unemployed population, by duration of job search

(in % to unemployed sought a job or tried to organize own business)



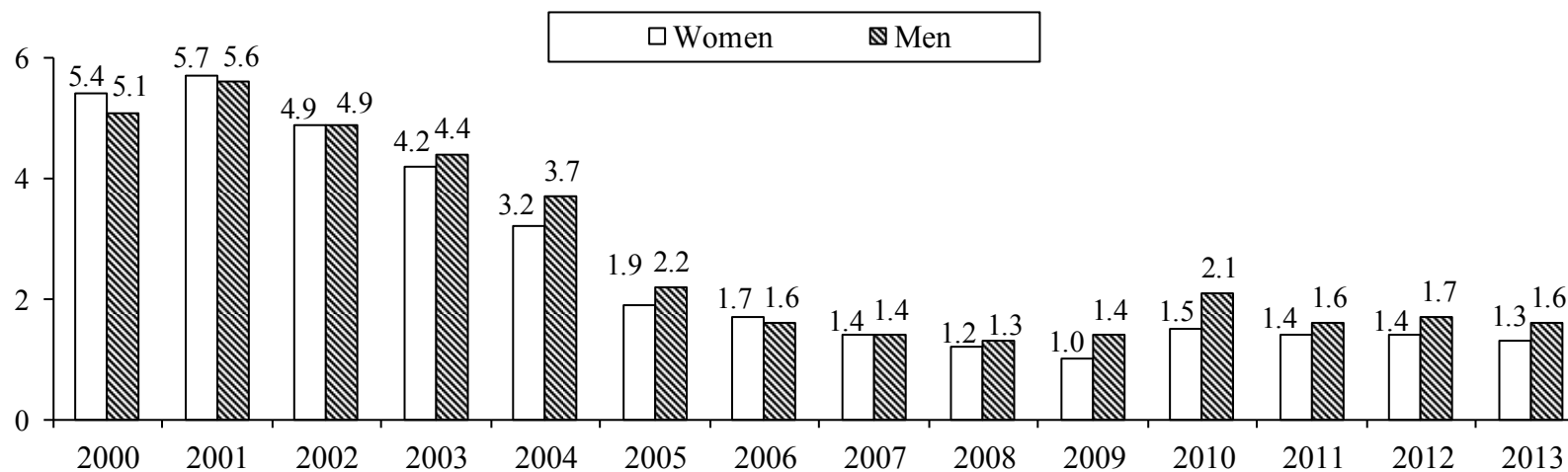
3.10. Long-term unemployment rate population aged 15-70, 2000-2013

(in % to economically active population of relevant age)



3.11. Long-term unemployment rate population aged 15-70 by sex, 2000-2013

(in % to economically active population of relevant age and sex)



3.12. Average duration of job search of unemployment, by sex, place of residence and region

	(average per year, months)				
	Total population	Women	Men	Urban settlements	Rural areas
Ukraine	6	6	6	7	6
Autonomous Republic of Crimea	4	:	:	:	:
oblasts					
Vinnitsia	7	6	7	8	5
Volyn	6	6	7	6	7
Dnipropetrovsk	9	9	10	9	9
Donetsk	6	6	6	5	8
Zhytomyr	6	6	6	7	5
Zakarpattia	4	4	4	5	4
Zaporizhia	7	9	7	8	5
Ivano-Frankivsk	5	5	5	6	5
Kyiv	6	6	6	6	7
Kirovohrad	6	6	7	6	7
Luhansk	7	7	7	7	7
Lviv	8	9	8	8	8
Mykolaiv	5	5	6	6	4
Odesa	4	:	:	:	:
Poltava	8	7	8	6	9
Rivne	4	5	4	:	:
Sumy	5	5	4	5	4
Ternopil	6	7	6	7	4
Kharkiv	5	5	5	5	6
Kherson	5	6	5	6	4
Khmelnitsk	5	5	4	4	5
Cherkasy	7	7	7	7	5
Chernivtsi	4	4	4	5	4
Chernihiv	6	7	5	6	6
City of Kyiv	10	10	10	10	—
City of Sevastopol	5	5	5	:	:

ECONOMICALLY INACTIVE POPULATION, 2013

SECTION 4

4.1. Population, by reason of economic inactivity, sex and place of residence

	Economically inactive population, total, thsd. prs.	including by reason											other
		pensioners	pupils, students	occupied with household (family) duties	sick	discouraged	dependents	persons, who					
								don't know where and how to search for a job	think that there is no suitable work	have a seasonal work	hope to return to the previous job	registering for pension	
in percentage to the total													
Total population													
quarter I	12,001.9	51.0	24.2	18.8	1.1	0.9	1.5	0.2	0.6	0.3	0.2	0.0	1.2
quarter II	11,637.1	50.5	25.4	18.9	0.9	0.9	1.2	0.2	0.5	0.1	0.1	0.1	1.2
quarter III	11,603.9	50.9	24.7	19.0	1.1	0.8	1.5	0.2	0.6	0.1	0.0	0.1	1.0
quarter IV	12,203.8	51.4	24.4	19.2	0.9	0.7	1.4	0.1	0.5	0.1	0.0	0.0	1.3
year	11,861.7	51.0	24.6	19.0	1.0	0.8	1.4	0.2	0.5	0.2	0.1	0.0	1.2
Women													
quarter I	7,384.1	51.1	19.6	25.2	0.7	0.7	1.5	0.1	0.4	0.1	0.1	0.0	0.5
quarter II	7,158.5	50.1	20.5	25.9	0.5	0.4	1.4	0.1	0.4	0.0	0.1	0.1	0.5
quarter III	7,150.1	50.2	19.6	26.3	0.8	0.6	1.6	0.1	0.4	0.0	0.0	0.0	0.4
quarter IV	7,564.2	50.6	19.0	26.9	0.6	0.5	1.4	0.1	0.3	0.1	0.0	–	0.5
year	7,314.2	50.5	19.6	26.0	0.7	0.6	1.5	0.1	0.4	0.1	0.1	0.0	0.4
Men													
quarter I	4,617.8	50.9	31.6	8.7	1.8	1.2	1.4	0.3	0.9	0.6	0.3	0.0	2.3
quarter II	4,478.6	51.0	33.1	7.8	1.6	1.5	1.0	0.4	0.8	0.3	0.1	0.1	2.3
quarter III	4,453.8	52.2	32.9	7.5	1.6	1.1	1.3	0.2	0.9	0.1	0.1	0.1	2.0
quarter IV	4,639.6	52.8	33.3	6.7	1.3	1.0	1.3	0.2	0.7	0.2	0.0	0.0	2.5
year	4,547.5	51.7	32.7	7.7	1.6	1.2	1.3	0.3	0.8	0.3	0.1	0.1	2.2
Urban settlements													
quarter I	8,708.2	53.4	24.3	17.2	0.8	0.6	1.8	0.1	0.4	0.3	0.2	0.0	0.9
quarter II	8,559.9	52.4	25.2	17.7	0.9	0.6	1.5	0.2	0.3	0.1	0.1	0.1	0.9
quarter III	8,556.1	52.8	24.7	17.9	0.9	0.5	1.8	0.1	0.4	0.0	0.0	0.1	0.8
quarter IV	8,927.0	53.1	24.4	18.3	0.9	0.3	1.7	0.0	0.3	0.1	0.0	0.0	0.9
year	8,687.7	53.0	24.6	17.8	0.9	0.5	1.7	0.1	0.3	0.1	0.1	0.0	0.9
Rural areas													
quarter I	3,293.7	44.4	23.8	23.0	2.0	1.7	0.7	0.6	1.1	0.4	0.2	0.0	2.1
quarter II	3,077.2	44.8	25.5	22.2	1.2	1.7	0.6	0.5	1.2	0.3	0.1	0.0	1.9
quarter III	3,047.8	45.7	24.8	22.4	1.6	1.9	0.6	0.4	1.1	0.1	0.0	0.0	1.4
quarter IV	3,276.8	46.8	24.7	21.7	0.9	1.6	0.5	0.3	0.9	0.2	0.1	0.0	2.3
year	3,174.0	45.4	24.7	22.3	1.4	1.7	0.6	0.5	1.1	0.3	0.1	0.0	1.9

4.3. Population, by reason of economic inactivity, sex, place of residence and level of education

	Economically inactive population, total, thsd. prs.	including by reason											other
		pensioners	pupils, students	occupied with household (family) duties	sick	discouraged	dependents	persons, who					
								don't know where and how to search for a job	think that there is no suitable work	have a seasonal work	hope to return to the previous job	registering for pension	
in percentage to the total													
Total	11,861.7	51.0	24.6	19.0	1.0	0.8	1.4	0.2	0.5	0.2	0.1	0.0	1.2
including by level of education													
complete higher	1,685.5	62.5	1.6	30.5	0.7	1.2	1.9	0.1	0.6	0.1	0.1	0.0	0.7
basic higher	213.3	5.9	78.3	12.5	–	0.6	1.5	0.2	0.6	–	0.0	–	0.4
uncompleted higher	1,869.7	67.3	5.6	21.8	0.9	1.1	1.7	0.3	0.4	0.1	0.1	0.1	0.6
complete secondary	5,838.1	49.9	24.1	19.5	1.3	0.8	1.5	0.2	0.7	0.2	0.1	0.0	1.7
basic secondary	1,969.2	35.1	53.9	8.0	0.6	0.4	0.6	0.1	0.2	0.1	0.0	0.0	1.0
primary education or not educated	285.9	41.2	54.3	2.7	0.7	0.0	0.6	–	–	–	–	–	0.5
Women	7,314.2	50.5	19.6	26.0	0.7	0.6	1.5	0.1	0.4	0.1	0.1	0.0	0.4
including by level of education													
complete higher	1,159.8	53.9	1.1	40.2	0.6	0.9	2.3	0.1	0.4	0.0	0.1	0.0	0.4
basic higher	130.8	5.8	72.7	18.0	–	0.4	1.8	0.1	0.8	–	–	–	0.4
uncompleted higher	1,341.7	65.7	3.7	26.4	0.6	0.9	1.6	0.2	0.3	0.1	0.0	0.1	0.4
complete secondary	3,448.6	48.4	20.5	26.8	0.8	0.5	1.6	0.1	0.5	0.1	0.1	0.0	0.6
basic secondary	1,078.3	40.8	45.8	11.8	0.3	0.2	0.4	0.1	0.2	0.0	0.0	–	0.4
primary education or not educated	155.0	45.9	49.4	3.7	0.4	–	0.3	–	–	–	–	–	0.3
Men	4,547.5	51.7	32.7	7.7	1.6	1.2	1.3	0.3	0.8	0.3	0.1	0.1	2.2
including by level of education													
complete higher	525.7	81.0	2.7	9.0	1.0	1.8	1.2	0.1	1.2	0.2	0.2	0.0	1.6
basic higher	82.5	5.9	87.2	3.5	–	1.0	1.1	0.5	0.2	–	0.1	–	0.5
uncompleted higher	528.0	71.4	10.5	10.3	1.7	1.6	1.7	0.4	0.7	0.3	0.2	0.1	1.1
complete secondary	2,389.5	52.0	29.4	8.8	2.0	1.3	1.4	0.4	1.0	0.4	0.1	0.1	3.1
basic secondary	890.9	28.2	63.6	3.7	0.9	0.7	0.8	0.1	0.2	0.1	0.0	0.0	1.7
primary education or not educated	130.9	35.8	59.9	1.5	1.1	0.1	0.8	–	–	–	–	–	0.8

Table 4.3. continued

	Economically inactive population, total, thsd. prs.	including by reason											
		pensioners	pupils, students	occupied with household (family) duties	sick	discouraged	dependents	persons, who					other
								don't know where and how to search for a job	think that there is no suitable work	have a seasonal work	hope to return to the previous job	registering for pension	
in percentage to the total													
Urban settlements	8,687.7	53.0	24.6	17.8	0.9	0.5	1.7	0.1	0.3	0.1	0.1	0.0	0.9
including by level of education													
complete higher	1,504.2	63.2	1.6	30.1	0.6	0.9	2.1	0.1	0.6	0.0	0.1	0.0	0.7
basic higher	165.8	5.8	80.8	10.6	–	0.4	1.9	–	0.1	–	–	–	0.4
uncompleted higher	1,576.1	69.4	5.5	20.4	0.9	0.8	1.8	0.1	0.3	0.1	0.1	0.1	0.5
complete secondary	4,160.7	51.8	26.7	16.2	1.1	0.4	1.8	0.1	0.4	0.1	0.1	0.1	1.2
basic secondary	1,132.9	30.8	61.0	6.2	0.4	0.1	0.7	0.0	0.1	0.0	0.0	0.0	0.7
primary education or not educated	148.0	33.2	62.2	2.0	0.9	–	1.1	–	–	–	–	–	0.6
Rural areas	3,174.0	45.4	24.7	22.3	1.4	1.7	0.6	0.5	1.1	0.3	0.1	0.0	1.9
including by level of education													
complete higher	181.3	55.9	1.6	32.6	2.2	3.5	1.0	0.7	1.0	0.4	0.1	–	1.0
basic higher	47.5	6.1	69.7	18.7	–	1.3	–	1.1	2.5	–	0.2	–	0.4
uncompleted higher	293.6	56.1	6.4	29.5	1.1	2.7	0.6	0.9	1.3	0.2	0.1	0.1	1.0
complete secondary	1,677.4	45.3	17.6	27.4	1.8	1.9	0.8	0.5	1.5	0.4	0.1	0.0	2.7
basic secondary	836.3	41.0	44.2	10.6	0.8	0.9	0.3	0.2	0.4	0.1	0.1	–	1.4
primary education or not educated	137.9	49.7	45.7	3.6	0.5	0.1	–	–	–	–	–	–	0.4

4.4. Population, by reason of economic inactivity and region

	Economically inactive population, total, thsd. prs.	including by reason											other
		pensioners	pupils, students	occupied with household (family) duties	sick	discouraged	dependents	persons, who					
								don't know where and how to search for a job	think that there is no suitable work	have a seasonal work	hope to return to the previous job	registering for pension	
in percentage to the total													
Ukraine	11,861.7	51.0	24.6	19.0	1.0	0.8	1.4	0.2	0.5	0.2	0.1	0.0	1.2
Autonomous Republic of Crimea	495.1	50.0	22.8	23.2	0.6	0.0	0.5	–	0.1	0.2	0.1	–	2.5
oblasts													
Vinnitsia	412.5	49.6	23.2	18.9	0.8	1.4	0.6	0.0	0.1	0.1	0.1	–	5.2
Volyn	262.7	44.0	24.9	27.1	0.9	0.3	0.2	0.7	0.8	0.3	0.0	–	0.8
Dnipropetrovsk	826.8	55.1	24.3	15.4	0.6	0.8	1.2	0.2	0.5	0.1	0.0	0.1	1.7
Donetsk	1,130.6	61.9	19.5	9.6	0.8	0.1	5.9	0.0	0.1	0.2	0.0	0.1	1.8
Zhytomyr	313.7	50.5	20.8	25.7	0.6	0.4	0.6	0.3	0.4	0.1	0.1	–	0.5
Zakarpattia	336.7	49.6	25.5	19.2	2.5	0.9	–	0.4	0.8	0.9	0.1	0.1	–
Zaporizhia	460.7	51.0	21.7	22.7	0.5	0.8	0.2	0.3	0.8	0.1	0.4	0.1	1.4
Ivano-Frankivsk	408.4	44.9	26.0	24.2	1.4	2.2	0.4	0.2	0.7	–	–	–	0.0
Kyiv	466.2	56.2	23.3	16.3	0.7	0.5	1.8	0.0	0.2	0.2	–	0.0	0.8
Kirovohrad	259.0	52.4	20.7	21.0	1.5	2.4	0.2	0.2	0.5	0.2	0.0	–	0.9
Luhansk	623.8	53.8	19.0	21.7	1.2	1.0	2.3	0.1	0.4	0.3	0.0	0.2	0.0
Lviv	689.0	45.4	30.4	17.3	0.8	3.5	0.6	0.8	0.6	0.3	0.1	–	0.2
Mykolaiv	304.8	50.9	24.5	23.4	0.3	–	0.4	–	–	–	–	–	0.5
Odesa	660.9	45.3	26.6	24.8	1.6	0.0	0.8	–	–	0.1	0.1	0.1	0.6
Poltava	384.6	52.9	24.0	17.8	1.3	0.3	1.0	0.1	0.2	0.1	0.0	0.1	2.2
Rivne	284.6	43.5	27.7	22.7	1.7	0.4	0.2	0.1	2.3	0.5	0.2	–	0.7
Sumy	299.6	52.9	24.9	9.0	2.1	1.8	2.3	1.4	3.1	0.2	0.0	–	2.3
Ternopil	299.5	41.9	22.2	29.8	1.3	1.4	–	0.1	2.8	0.0	0.5	0.0	–
Kharkiv	715.3	53.2	28.6	17.1	0.4	0.2	0.0	0.0	0.2	–	–	–	0.3
Kherson	280.5	50.1	21.6	20.0	1.2	0.9	4.0	0.1	0.4	0.2	0.0	–	1.5
Khmelnysk	337.6	48.2	22.8	26.3	0.5	0.6	0.6	0.1	0.3	–	0.1	–	0.5
Cherkasy	321.3	56.8	24.5	8.6	1.6	1.3	2.4	0.2	0.7	–	–	0.1	3.8
Chernivtsi	244.6	35.7	30.8	30.6	2.1	–	0.8	–	–	–	–	–	–
Chernihiv	259.4	54.5	22.1	15.3	0.4	1.4	–	0.2	1.9	0.4	0.0	–	3.8
City of Kyiv	687.3	46.4	35.2	15.8	1.0	0.2	1.1	–	0.2	–	0.1	0.0	–
City of Sevastopol	96.5	54.8	23.5	18.2	0.5	–	2.8	–	–	–	–	–	0.2

4.5. Working age population, who discouraged in the job searching, by sex, place of residence and reason of unemployment

	Total population	Women	Men	Urban settlements	Rural areas
Working age population, who discouraged in the job searching, total, thsd. prs.	96.1	41.0	55.1	42.1	54.0
including by reason of unemployment, in percentage to the total					
laid off for economic reasons	23.7	19.0	27.3	26.4	21.6
dismissed at own will	40.6	54.7	30.2	43.5	38.4
not employed after graduating of secondary and higher education institutions	20.5	15.1	24.5	18.5	22.0
dismissed due to the termination of the contract	8.2	7.6	8.7	6.7	9.4
other reasons	7.0	3.6	9.3	4.9	8.6

4.6. Working age population, who discouraged in the job searching, by sex, place of residence and duration of unemployment

	Working age population, who discouraged in the job searching, total, thsd. prs	Of which persons with job experience		including by duration of unemployment						Average duration of unemployment, months
				up to 1 month	1-3 months	3-6 months	6-9 months	9-12 months	12 months and more	
		total, thsd. prs.	in percentage to the total discouraged	in percentage to the total						
Total population	96.1	62.6	65.1	1.6	5.6	7.0	5.2	7.0	73.6	23
Women	41.0	28.4	69.3	0.4	4.9	5.3	3.2	6.3	79.9	26
Men	55.1	34.2	62.1	2.6	6.1	8.5	6.7	7.6	68.5	21
Urban settlements	42.1	30.9	73.4	2.3	4.5	6.5	4.5	7.8	74.4	24
Rural areas	54.0	31.7	58.7	0.9	6.6	7.6	5.7	6.3	72.9	23

**KEY INDICATORS OF POPULATION ECONOMIC
ACTIVITY, 2000 – 2013**

SECTION 5

5.1. Economically active population, by age group, sex and place of residence

(thsd. prs.)

	Total, aged 15-70	including by age group (years)						Working age	Over working age	
		15-24	25-29	30-34	35-39	40-49	50-59			60-70
Total population										
2000	22,830.8	2,915.0	2,888.2	2,792.6	3,301.0	6,308.6	3,438.9	1,186.5	21,150.7	1,680.1
2005	22,280.8	3,011.7	2,775.2	2,740.7	2,657.0	6,071.6	3,762.9	1,261.7	20,481.7	1,799.1
2010	22,051.6	2,648.7	2,973.7	2,801.3	2,789.9	5,506.5	4,174.9	1,156.6	20,220.7	1,830.9
2012	22,011.5	2,412.9	3,137.4	2,836.9	2,811.6	5,348.0	4,322.3	1,142.4	20,393.5	1,618.0
2013	21,980.6	2,216.8	3,124.7	2,917.4	2,830.3	5,320.0	4,430.6	1,140.8	20,478.2	1,502.4
Women										
2000	11,155.3	1,334.7	1,349.3	1,356.7	1,645.1	3,255.1	1,635.7	578.7	10,083.0	1,072.3
2005	10,813.8	1,300.4	1,250.4	1,289.1	1,310.2	3,150.9	1,837.8	675.0	9,601.4	1,212.4
2010	10,694.8	1,124.1	1,299.0	1,306.3	1,366.3	2,869.1	2,083.0	647.0	9,373.5	1,321.3
2012	10,524.8	1,010.8	1,342.4	1,281.8	1,356.8	2,755.7	2,152.2	625.1	9,424.1	1,100.7
2013	10,500.9	934.2	1,332.7	1,311.0	1,357.3	2,721.4	2,227.7	616.6	9,522.7	978.2
Men										
2000	11,675.5	1,580.3	1,538.9	1,435.9	1,655.9	3,053.5	1,803.2	607.8	11,067.7	607.8
2005	11,467.0	1,711.3	1,524.8	1,451.6	1,346.8	2,920.7	1,925.1	586.7	10,880.3	586.7
2010	11,356.8	1,524.6	1,674.7	1,495.0	1,423.6	2,637.4	2,091.9	509.6	10,847.2	509.6
2012	11,486.7	1,402.1	1,795.0	1,555.1	1,454.8	2,592.3	2,170.1	517.3	10,969.4	517.3
2013	11,479.7	1,282.6	1,792.0	1,606.4	1,473.0	2,598.6	2,202.9	524.2	10,955.5	524.2
Urban settlements										
2000	15,936.2	2,015.3	2,045.3	1,950.7	2,353.3	4,581.2	2,384.8	605.6	15,017.9	918.3
2005	15,293.8	2,047.6	2,015.9	1,923.5	1,835.2	4,299.3	2,642.6	529.7	14,410.7	883.1
2010	15,083.9	1,659.3	2,235.2	2,034.3	1,966.2	3,805.7	2,869.2	514.0	14,129.0	954.9
2012	15,132.9	1,499.1	2,322.6	2,076.8	2,005.0	3,689.2	2,979.7	560.5	14,268.4	864.5
2013	15,072.6	1,351.8	2,284.7	2,170.1	2,034.1	3,668.1	3,010.3	553.5	14,299.9	772.7
Rural areas										
2000	6,894.6	899.7	842.9	841.9	947.7	1,727.4	1,054.1	580.9	6,132.8	761.8
2005	6,987.0	964.1	759.3	817.2	821.8	1,772.3	1,120.3	732.0	6,071.0	916.0
2010	6,967.7	989.4	738.5	767.0	823.7	1,700.8	1,305.7	642.6	6,091.7	876.0
2012	6,878.6	913.8	814.8	760.1	806.6	1,658.8	1,342.6	581.9	6,125.1	753.5
2013	6,908.0	865.0	840.0	747.3	796.2	1,651.9	1,420.3	587.3	6,178.3	729.7

5.2. Economic activity rate of population, by age group, sex and place of residence

(in percentage to the population of relevant age group)

	Total aged 15-70	of which by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total population										
2000	63.2	40.1	84.7	87.5	88.2	87.1	65.1	19.8	73.7	22.6
2005	62.2	40.2	81.4	82.9	85.6	84.3	64.8	22.9	70.9	25.9
2010	63.7	40.5	79.9	83.4	86.0	84.6	64.7	24.1	72.0	28.0
2012	64.6	40.7	81.5	83.3	85.6	85.3	65.7	24.0	73.0	26.4
2013	65.0	39.3	80.8	83.9	86.6	85.8	67.1	23.8	73.1	25.9
Women										
2000	58.4	37.3	79.4	84.0	85.6	85.5	55.8	16.3	71.4	21.6
2005	57.0	35.5	73.5	77.3	82.4	82.9	57.2	20.3	67.6	25.5
2010	58.4	35.2	70.9	77.5	82.6	83.7	58.0	22.1	68.6	28.4
2012	58.6	35.0	71.0	75.4	81.2	83.9	59.0	21.7	68.7	25.9
2013	58.9	34.0	70.2	75.9	81.7	84.0	60.9	21.4	68.5	25.1
Men										
2000	68.5	42.8	90.0	91.0	90.9	88.9	76.6	24.7	75.8	24.7
2005	67.9	44.7	89.2	88.6	89.0	85.9	74.2	26.7	74.1	26.7
2010	69.6	45.6	88.6	89.3	89.5	85.6	73.1	27.1	75.1	27.1
2012	71.3	46.3	91.7	91.1	90.2	86.9	74.1	27.4	77.2	27.4
2013	71.6	44.4	91.0	91.8	91.6	87.8	74.9	27.5	77.6	27.5
Urban settlements										
2000	63.9	38.4	86.1	88.9	89.1	87.9	66.3	16.5	73.8	20.1
2005	61.3	38.1	83.1	83.5	86.4	84.6	63.6	15.2	70.5	19.6
2010	62.1	36.9	80.7	84.4	86.7	84.5	62.4	15.8	71.4	21.2
2012	63.3	37.6	82.1	83.9	86.4	85.3	63.8	17.0	72.8	20.1
2013	63.4	35.8	81.5	85.0	87.5	85.8	64.5	16.5	72.8	18.8
Rural areas										
2000	61.5	44.4	81.7	84.4	86.1	85.0	62.4	24.8	73.4	26.6
2005	64.1	45.5	77.2	81.5	83.9	83.6	67.8	35.9	71.8	37.6
2010	67.5	48.4	77.5	80.9	84.5	84.9	70.5	41.3	73.3	43.4
2012	67.7	47.2	80.0	81.7	83.9	85.3	70.3	39.8	73.5	41.2
2013	68.5	46.5	78.7	81.1	84.1	85.9	73.7	41.0	73.8	42.8

5.3. Employed population, by age group, sex and place of residence

(thsd. prs.)

	Employed aged 15-70	including by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total population										
2000	20,175.0	2,208.9	2,479.5	2,453.2	2,951.0	5,726.0	3,183.8	1,172.6	18,520.7	1,654.3
2005	20,680.0	2,563.4	2,563.4	2,553.4	2,485.2	5,676.0	3,580.3	1,258.3	18,886.5	1,793.5
2010	20,266.0	2,188.9	2,680.7	2,579.0	2,574.8	5,134.0	3,952.3	1,156.3	18,436.5	1,829.5
2012	20,354.3	1,995.7	2,839.4	2,638.0	2,630.4	5,015.6	4,093.4	1,141.8	18,736.9	1,617.4
2013	20,404.1	1,831.3	2,853.7	2,724.0	2,657.9	4,989.7	4,206.7	1,140.8	18,901.8	1,502.3
Women										
2000	9,856.9	997.0	1,172.4	1,185.8	1,465.4	2,951.1	1,514.4	570.8	8,804.4	1,052.5
2005	10,075.5	1,112.5	1,153.6	1,195.3	1,230.0	2,945.4	1,765.1	673.6	8,866.7	1,208.8
2010	9,965.6	936.3	1,194.2	1,216.2	1,273.7	2,695.9	2,002.3	647.0	8,645.4	1,320.2
2012	9,846.3	847.7	1,234.4	1,201.4	1,278.5	2,595.9	2,063.9	624.5	8,746.2	1,100.1
2013	9,847.6	781.7	1,233.9	1,230.0	1,277.8	2,578.5	2,129.1	616.6	8,869.5	978.1
Men										
2000	10,318.1	1,211.9	1,307.1	1,267.4	1,485.6	2,774.9	1,669.4	601.8	9,716.3	601.8
2005	10,604.5	1,450.9	1,409.8	1,358.1	1,255.2	2,730.6	1,815.2	584.7	10,019.8	584.7
2010	10,300.4	1,252.6	1,486.5	1,362.8	1,301.1	2,438.1	1,950.0	509.3	9,791.1	509.3
2012	10,508.0	1,148.0	1,605.0	1,436.6	1,351.9	2,419.7	2,029.5	517.3	9,990.7	517.3
2013	10,556.5	1,049.6	1,619.8	1,494.0	1,380.1	2,411.2	2,077.6	524.2	10,032.3	524.2
Urban settlements										
2000	13,745.7	1,463.1	1,707.2	1,676.6	2,059.1	4,081.1	2,165.2	593.4	12,850.7	895.0
2005	14,093.9	1,706.6	1,851.9	1,788.1	1,716.8	3,998.6	2,504.9	527.0	13,215.1	878.8
2010	13,791.8	1,324.1	2,004.0	1,872.9	1,822.9	3,544.6	2,709.6	513.7	12,838.3	953.5
2012	13,983.6	1,215.2	2,101.2	1,935.3	1,877.3	3,469.5	2,825.2	559.9	13,119.7	863.9
2013	13,998.2	1,092.4	2,088.5	2,031.4	1,913.6	3,458.2	2,860.6	553.5	13,225.5	772.7
Rural areas										
2000	6,429.3	745.8	772.3	776.6	891.9	1,644.9	1,018.6	579.2	5,670.0	759.3
2005	6,586.1	856.8	711.5	765.3	768.4	1,677.4	1,075.4	731.3	5,671.4	914.7
2010	6,474.2	864.8	676.7	706.1	751.9	1,589.4	1,242.7	642.6	5,598.2	876.0
2012	6,370.7	780.5	738.2	702.7	753.1	1,546.1	1,268.2	581.9	5,617.2	753.5
2013	6,405.9	738.9	765.2	692.6	744.3	1,531.5	1,346.1	587.3	5,676.3	729.6

5.4. Employment rate, by age group, sex and place of residence

(in percentage to the population of relevant age group)

	Employed aged 15-70	of which by age group (years)						Working age	Over working age	
		15-24	25-29	30-34	35-39	40-49	50-59			60-70
Total population										
2000	55.8	30.4	72.7	76.9	78.9	79.1	60.3	19.5	64.5	22.2
2005	57.7	34.2	75.2	77.2	80.1	78.8	61.6	22.8	65.4	25.8
2010	58.5	33.5	72.0	76.8	79.4	78.9	61.3	24.1	65.6	28.0
2012	59.7	33.7	73.8	77.5	80.1	80.0	62.2	24.0	67.1	26.4
2013	60.3	32.5	73.8	78.4	81.3	80.5	63.8	23.8	67.4	25.8
Women										
2000	51.6	27.8	69.0	73.4	76.3	77.5	51.7	16.1	62.4	21.2
2005	53.1	30.4	67.8	71.6	77.4	77.5	54.9	20.3	62.4	25.4
2010	54.4	29.3	65.2	72.2	77.0	78.6	55.8	22.1	63.3	28.4
2012	54.8	29.3	65.3	70.7	76.5	79.0	56.5	21.7	63.8	25.9
2013	55.3	28.5	65.0	71.2	76.9	79.6	58.2	21.4	63.8	25.1
Men										
2000	60.5	32.8	76.5	80.4	81.6	80.8	70.9	24.4	66.6	24.4
2005	62.8	37.9	82.5	82.9	82.9	80.3	70.0	26.6	68.2	26.6
2010	63.1	37.4	78.6	81.4	81.8	79.2	68.1	27.1	67.8	27.1
2012	65.2	37.9	82.0	84.2	83.8	81.1	69.3	27.4	70.3	27.4
2013	65.9	36.3	82.2	85.4	85.8	81.5	70.6	27.5	71.1	27.5
Urban settlements										
2000	55.1	27.9	71.8	76.4	78.0	78.3	60.2	16.2	63.1	19.6
2005	56.5	31.8	76.3	77.6	80.9	78.7	60.3	15.1	64.7	19.5
2010	56.8	29.4	72.4	77.7	80.3	78.7	58.9	15.8	64.9	21.1
2012	58.5	30.5	74.3	78.2	80.9	80.3	60.5	17.0	66.9	20.1
2013	58.9	28.9	74.5	79.5	82.4	80.9	61.3	16.5	67.3	18.8
Rural areas										
2000	57.3	36.8	74.8	77.8	81.0	80.9	60.3	24.7	67.9	26.5
2005	60.5	40.4	72.4	76.4	78.4	79.1	65.1	35.9	67.1	37.5
2010	62.7	42.3	71.0	74.4	77.1	79.4	67.1	41.3	67.4	43.4
2012	62.7	40.3	72.5	75.5	78.3	79.5	66.4	39.8	67.4	41.2
2013	63.5	39.7	71.7	75.2	78.7	79.6	69.8	41.0	67.8	42.7

5.5. Unemployed population, by age group, sex and place of residence

(thsd. prs.)

	Unemployed aged 15-70	including by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total population										
2000	2,655.8	706.1	408.7	339.4	350.0	582.6	255.1	13.9	2,630.0	25.8
2005	1,600.8	448.3	211.8	187.3	171.8	395.6	182.6	3.4	1,595.2	5.6
2010	1,785.6	459.8	293.0	222.3	215.1	372.5	222.6	0.3	1,784.2	1.4
2012	1,657.2	417.2	298.0	198.9	181.2	332.4	228.9	0.6	1,656.6	0.6
2013	1,576.5	385.5	271.0	193.4	172.4	330.3	223.9	–	1,576.4	0.1
Women										
2000	1,298.4	337.7	176.9	170.9	179.7	304.0	121.3	7.9	1,278.6	19.8
2005	738.3	187.9	96.8	93.8	80.2	205.5	72.7	1.4	734.7	3.6
2010	729.2	187.8	104.8	90.1	92.6	173.2	80.7	–	728.1	1.1
2012	678.5	163.1	108.0	80.4	78.3	159.8	88.3	0.6	677.9	0.6
2013	653.3	152.5	98.8	81.0	79.5	142.9	98.6	–	653.2	0.1
Men										
2000	1,357.4	368.4	231.8	168.5	170.3	278.6	133.8	6.0	1,351.4	6.0
2005	862.5	260.4	115.0	93.5	91.6	190.1	109.9	2.0	860.5	2.0
2010	1,056.4	272.0	188.2	132.2	122.5	199.3	141.9	0.3	1,056.1	0.3
2012	978.7	254.1	190.0	118.5	102.9	172.6	140.6	0.0	978.7	0.0
2013	923.2	233.0	172.2	112.4	92.9	187.4	125.3	–	923.2	–
Urban settlements										
2000	2,190.5	552.2	338.1	274.1	294.2	500.1	219.6	12.2	2,167.2	23.3
2005	1,199.9	341.0	164.0	135.4	118.4	300.7	137.7	2.7	1,195.6	4.3
2010	1,292.1	335.2	231.2	161.4	143.3	261.1	159.6	0.3	1,290.7	1.4
2012	1,149.3	283.9	221.4	141.5	127.7	219.7	154.5	0.6	1,148.7	0.6
2013	1,074.4	259.4	196.2	138.7	120.5	209.9	149.7	–	1,074.4	–
Rural areas										
2000	465.3	153.9	70.6	65.3	55.8	82.5	35.5	1.7	462.8	2.5
2005	400.9	107.3	47.8	51.9	53.4	94.9	44.9	0.7	399.6	1.3
2010	493.5	124.6	61.8	60.9	71.8	111.4	63.0	–	493.5	–
2012	507.9	133.3	76.6	57.4	53.5	112.7	74.4	0.0	507.9	0.0
2013	502.1	126.1	74.8	54.7	51.9	120.4	74.2	–	502.0	0.1

5.6. Unemployment rate, by age group, sex and place of residence

(in percentage to the economically active population of relevant age group)

	Unemployed aged 15-70	of which by age group (years)							Working age	Over working age	
		15-24	25-29	30-34	35-39	40-49	50-59	60-70			
Total population											
2000	11.6	24.2	14.2	12.2	10.6	9.2	7.4	1.2	12.4	1.5	
2005	7.2	14.9	7.6	6.8	6.5	6.5	4.9	0.3	7.8	0.3	
2010	8.1	17.4	9.9	7.9	7.7	6.8	5.3	0.0	8.8	0.1	
2012	7.5	17.3	9.5	7.0	6.4	6.2	5.3	0.1	8.1	0.0	
2013	7.2	17.4	8.7	6.6	6.1	6.2	5.1	–	7.7	0.0	
Women											
2000	11.6	25.3	13.1	12.6	10.9	9.3	7.4	1.4	12.7	1.8	
2005	6.8	14.4	7.7	7.3	6.1	6.5	4.0	0.2	7.7	0.3	
2010	6.8	16.7	8.1	6.9	6.8	6.0	3.9	–	7.8	0.1	
2012	6.4	16.1	8.0	6.3	5.8	5.8	4.1	0.1	7.2	0.1	
2013	6.2	16.3	7.4	6.2	5.9	5.3	4.4	–	6.9	0.0	
Men											
2000	11.6	23.3	15.1	11.7	10.3	9.1	7.4	1.0	12.2	1.0	
2005	7.5	15.2	7.5	6.4	6.8	6.5	5.7	0.3	7.9	0.3	
2010	9.3	17.8	11.2	8.8	8.6	7.6	6.8	0.1	9.7	0.1	
2012	8.5	18.1	10.6	7.6	7.1	6.7	6.5	0.0	8.9	0.0	
2013	8.0	18.2	9.6	7.0	6.3	7.2	5.7	–	8.4	–	
Urban settlements											
2000	13.7	27.4	16.5	14.1	12.5	10.9	9.2	2.0	14.4	2.5	
2005	7.8	16.7	8.1	7.0	6.5	7.0	5.2	0.5	8.3	0.5	
2010	8.6	20.2	10.3	7.9	7.3	6.9	5.6	0.1	9.1	0.1	
2012	7.6	18.9	9.5	6.8	6.4	6.0	5.2	0.1	8.1	0.1	
2013	7.1	19.2	8.6	6.4	5.9	5.7	5.0	–	7.5	–	
Rural areas											
2000	6.7	17.1	8.4	7.8	5.9	4.8	3.4	0.3	7.5	0.3	
2005	5.7	11.1	6.3	6.4	6.5	5.4	4.0	0.1	6.6	0.1	
2010	7.1	12.6	8.4	7.9	8.7	6.5	4.8	–	8.1	–	
2012	7.4	14.6	9.4	7.6	6.6	6.8	5.5	0.0	8.3	0.0	
2013	7.3	14.6	8.9	7.3	6.5	7.3	5.2	–	8.1	0.0	

5.7. Economically inactive population, by age group, sex and place of residence

(thsd. prs.)

	Economically inactive population aged 15-70	including by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total population										
2000	13,318.4	4,360.9	520.7	399.2	441.3	933.0	1,845.1	4,818.2	7,562.4	5,756.0
2005	13,559.7	4,480.0	634.2	565.3	446.0	1,131.7	2,045.0	4,257.5	8,410.3	5,149.4
2010	12,575.5	3,891.9	748.6	557.9	454.0	1,002.0	2,276.4	3,644.7	7,878.0	4,697.5
2012	12,055.3	3,509.9	710.9	568.4	471.7	919.0	2,255.6	3,619.8	7,540.7	4,514.6
2013	11,861.7	3,421.0	744.0	558.0	439.4	880.1	2,168.1	3,651.1	7,552.2	4,309.5
Women										
2000	7,937.4	2,247.0	350.3	257.8	276.2	550.9	1,293.3	2,961.9	4,037.7	3,899.7
2005	8,147.5	2,363.8	450.4	379.2	279.2	650.5	1,375.7	2,648.7	4,606.9	3,540.6
2010	7,611.4	2,071.3	532.9	378.3	287.5	559.9	1,506.7	2,274.8	4,283.8	3,327.6
2012	7,437.7	1,881.3	548.2	417.2	314.1	529.3	1,498.2	2,249.4	4,293.5	3,144.2
2013	7,314.2	1,811.8	566.6	415.4	303.8	519.7	1,429.1	2,267.8	4,388.0	2,926.2
Men										
2000	5,381.0	2,113.9	170.4	141.4	165.1	382.1	551.8	1,856.3	3,524.7	1,856.3
2005	5,412.2	2,116.2	183.8	186.1	166.8	481.2	669.3	1,608.8	3,803.4	1,608.8
2010	4,964.1	1,820.6	215.7	179.6	166.5	442.1	769.7	1,369.9	3,594.2	1,369.9
2012	4,617.6	1,628.6	162.7	151.2	157.6	389.7	757.4	1,370.4	3,247.2	1,370.4
2013	4,547.5	1,609.2	177.4	142.6	135.6	360.4	739.0	1,383.3	3,164.2	1,383.3
Urban settlements										
2000	8,996.4	3,236.3	331.3	243.5	287.9	628.4	1,210.6	3,058.4	5,340.3	3,656.1
2005	9,651.8	3,325.5	410.5	380.2	287.8	783.2	1,513.9	2,950.7	6,024.6	3,627.2
2010	9,213.3	2,838.9	534.0	376.3	302.8	700.1	1,731.2	2,730.0	5,658.3	3,555.0
2012	8,772.4	2,488.6	506.8	397.7	316.6	633.9	1,687.8	2,741.0	5,332.7	3,439.7
2013	8,687.7	2,423.9	517.2	383.7	289.4	608.2	1,660.0	2,805.3	5,355.3	3,332.4
Rural areas										
2000	4,322.0	1,124.6	189.4	155.7	153.4	304.6	634.5	1,759.8	2,222.1	2,099.9
2005	3,907.9	1,154.5	223.7	185.1	158.2	348.5	531.1	1,306.8	2,385.7	1,522.2
2010	3,362.2	1,053.0	214.6	181.6	151.2	301.9	545.2	914.7	2,219.7	1,142.5
2012	3,282.9	1,021.3	204.1	170.7	155.1	285.1	567.8	878.8	2,208.0	1,074.9
2013	3,174.0	997.1	226.8	174.3	150.0	271.9	508.1	845.8	2,196.9	977.1

5.8. Economically active population, by sex, place of residence and region

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Total	22,830.8	22,280.8	22,051.6	22,011.5	21,980.6	63.2	62.2	63.7	64.6	65.0
Ukraine										
Autonomous Republic of Crimea	989.8	958.7	964.7	970.3	966.2	61.2	62.2	64.5	65.9	66.1
oblasts										
Vinnitsia	919.1	775.4	771.2	768.4	769.0	72.1	61.8	63.9	64.6	65.1
Volyn	540.0	471.8	474.1	481.8	483.6	72.0	63.1	63.6	64.5	64.8
Dnipropetrovsk	1,735.8	1,665.7	1,659.6	1,637.0	1,637.8	63.7	61.8	64.9	65.7	66.5
Donetsk	2,383.5	2,265.1	2,166.6	2,157.2	2,133.7	63.8	62.6	63.7	65.2	65.4
Zhytomyr	624.8	632.5	621.1	609.2	609.1	61.9	64.2	65.9	65.6	66.0
Zakarpattia	569.6	592.3	582.2	581.4	586.8	62.9	64.5	63.1	63.0	63.5
Zaporizhia	924.4	908.3	892.6	882.6	879.6	62.7	62.4	64.3	65.2	65.6
Ivano-Frankivsk	653.3	572.8	577.8	595.4	606.5	64.6	56.5	57.0	58.7	59.8
Kyiv	847.2	846.9	817.6	808.3	807.8	62.8	62.8	63.2	63.2	63.4
Kirovohrad	511.1	501.5	473.5	473.7	471.0	61.5	61.9	62.4	64.0	64.5
Luhansk	1,135.3	1,143.2	1,094.1	1,077.1	1,078.0	57.5	60.1	61.6	62.5	63.3
Lviv	1,249.5	1,167.0	1,190.0	1,189.0	1,189.0	65.2	61.2	62.9	63.2	63.3
Mykolaiv	586.4	595.0	586.1	579.3	577.1	61.8	63.2	64.5	65.0	65.4
Odesa	1,151.3	1,086.4	1,112.5	1,126.0	1,124.0	62.1	58.7	61.3	62.8	63.0
Poltava	748.2	744.5	714.0	713.9	706.0	62.5	62.9	63.4	64.8	64.7
Rivne	491.7	511.1	532.0	545.8	546.3	59.2	61.2	64.0	65.6	65.7
Sumy	603.5	591.2	556.2	568.6	558.7	62.6	63.0	62.7	65.5	65.1
Ternopil	475.1	467.4	482.1	487.4	489.1	58.1	57.9	60.6	61.6	62.0
Kharkiv	1,463.5	1,388.8	1,365.2	1,373.6	1,370.6	65.9	62.5	63.9	65.7	65.7
Kherson	556.4	548.9	534.9	523.4	524.6	62.8	63.1	64.4	64.3	65.2
Khmelnysk	652.7	641.9	635.5	625.0	623.6	63.0	63.4	64.7	64.6	64.9
Cherkasy	605.9	641.6	627.3	618.5	617.3	59.3	63.2	64.9	65.3	65.8
Chernivtsi	354.0	401.2	418.0	420.7	423.0	53.6	60.4	62.7	63.0	63.4
Chernihiv	586.9	562.3	536.2	527.1	521.8	64.8	64.9	66.2	66.7	66.8
City of Kyiv	1,333.3	1,412.6	1,473.7	1,480.8	1,490.6	66.2	66.2	67.5	68.2	68.4
City of Sevastopol	138.5	186.7	192.8	190.0	189.8	64.1	62.7	66.0	66.1	66.3

Table 5.8 continued

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Women										
Ukraine	11,155.3	10,813.8	10,694.8	10,524.8	10,500.9	58.4	57.0	58.4	58.6	58.9
Autonomous Republic of Crimea	487.9	468.1	462.0	452.4	453.1	56.6	56.6	57.8	57.8	58.3
oblasts										
Vinnitsia	462.0	375.4	373.0	374.0	369.1	68.2	56.5	58.5	59.8	59.5
Volyn	271.1	230.3	227.7	237.6	235.9	69.1	59.2	58.8	61.3	61.0
Dnipropetrovsk	837.7	814.4	814.1	775.7	778.9	57.7	56.5	59.5	58.4	59.3
Donetsk	1,170.4	1,122.1	1,070.6	1,052.4	1,052.2	58.7	57.8	58.7	59.5	60.4
Zhytomyr	301.7	315.3	304.5	295.6	295.3	57.0	61.1	61.7	61.0	61.4
Zakarpattia	268.8	278.7	271.6	269.5	272.6	57.4	59.0	57.2	56.7	57.4
Zaporizhia	460.3	440.5	438.3	422.6	420.2	58.6	56.7	59.0	58.5	58.9
Ivano-Frankivsk	317.7	282.2	276.1	277.3	275.4	60.2	53.6	52.6	52.9	52.6
Kyiv	416.3	408.8	388.3	381.8	380.3	58.8	57.6	56.9	56.8	56.8
Kirovohrad	248.7	246.6	234.3	227.0	224.7	56.6	57.4	58.1	57.8	58.1
Luhansk	552.4	550.1	535.3	521.9	514.5	52.8	54.2	56.7	57.2	57.2
Lviv	616.8	555.4	570.2	560.8	562.0	62.2	56.5	58.5	57.9	58.2
Mykolaiv	285.3	285.8	281.0	277.2	271.6	57.0	57.3	58.3	58.8	58.2
Odesa	550.6	511.4	517.1	506.3	508.4	56.5	52.6	54.3	53.9	54.5
Poltava	368.5	362.3	347.3	343.1	340.0	58.4	57.8	58.3	59.0	59.2
Rivne	234.5	246.2	259.0	260.9	265.2	54.3	56.9	60.2	60.7	61.8
Sumy	292.8	288.1	275.5	287.2	282.7	57.5	57.8	58.5	62.6	62.4
Ternopil	231.6	230.2	233.6	236.8	235.7	53.8	54.3	56.3	57.5	57.5
Kharkiv	729.5	662.5	645.0	644.9	654.7	62.0	56.4	57.0	58.3	59.7
Kherson	262.8	268.0	249.9	241.0	239.5	56.4	58.1	57.0	56.3	56.6
Khmelnysk	310.3	317.7	308.9	298.0	297.5	56.9	59.8	60.0	58.9	59.3
Cherkasy	295.9	302.9	314.1	298.0	296.5	54.4	56.3	61.1	59.3	59.7
Chernivtsi	168.0	187.0	202.5	191.7	186.9	48.3	53.1	58.0	54.9	53.6
Chernihiv	294.7	280.6	274.8	267.6	267.5	61.7	61.6	64.2	64.3	65.2
City of Kyiv	655.1	689.7	727.6	731.1	732.7	61.3	60.5	62.2	62.8	62.8
City of Sevastopol	63.9	93.5	92.5	92.4	87.8	54.4	57.4	59.3	60.2	57.5

Table 5.8 continued

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Men										
Ukraine	11,675.5	11,467.0	11,356.8	11,486.7	11,479.7	68.5	67.9	69.6	71.3	71.6
Autonomous Republic of Crimea	501.9	490.6	502.7	517.9	513.1	66.4	68.6	72.1	75.3	75.0
oblasts										
Vinnitsia	457.1	400.0	398.2	394.4	399.9	76.6	67.7	69.9	69.9	71.2
Volyn	268.9	241.5	246.4	244.2	247.7	75.0	67.4	68.8	67.9	68.9
Dnipropetrovsk	898.1	851.3	845.5	861.3	858.9	70.5	68.0	71.2	74.1	74.5
Donetsk	1,213.1	1,143.0	1,096.0	1,104.8	1,081.5	69.6	68.1	69.5	71.8	71.0
Zhytomyr	323.1	317.2	316.6	313.6	313.8	67.3	67.5	70.5	70.6	71.0
Zakarpattia	300.8	313.6	310.6	311.9	314.2	68.7	70.3	69.5	69.6	70.0
Zaporizhia	464.1	467.8	454.3	460.0	459.4	67.4	69.0	70.3	72.8	73.2
Ivano-Frankivsk	335.6	290.6	301.7	318.1	331.1	69.4	59.6	61.7	64.9	67.4
Kyiv	430.9	438.1	429.3	426.5	427.5	67.3	68.5	70.3	70.4	70.7
Kirovohrad	262.4	254.9	239.2	246.7	246.3	67.0	67.0	67.4	71.0	71.8
Luhansk	582.9	593.1	558.8	555.2	563.5	62.8	66.8	67.1	68.4	70.2
Lviv	632.7	611.6	619.8	628.2	627.0	68.4	66.2	67.6	68.8	68.8
Mykolaiv	301.1	309.2	305.1	302.1	305.5	67.0	69.7	71.5	72.1	73.5
Odesa	600.7	575.0	595.4	619.7	615.6	68.2	65.6	68.9	72.6	72.2
Poltava	379.7	382.2	366.7	370.8	366.0	67.1	68.7	69.2	71.3	71.0
Rivne	257.2	264.9	273.0	284.9	281.1	64.5	65.8	68.1	70.9	70.0
Sumy	310.7	303.1	280.7	281.4	276.0	68.4	68.8	67.3	68.8	68.1
Ternopil	243.5	237.2	248.5	250.6	253.4	62.9	61.8	65.4	66.1	66.9
Kharkiv	734.0	726.3	720.2	728.7	715.9	70.3	69.3	71.7	73.8	72.4
Kherson	293.6	280.9	285.0	282.4	285.1	69.9	68.7	72.7	73.3	74.6
Khmelnysk	342.4	324.2	326.6	327.0	326.1	69.9	67.3	69.9	70.7	71.0
Cherkasy	310.0	338.7	313.2	320.5	320.8	64.8	70.9	69.1	71.9	72.6
Chernivtsi	186.0	214.2	215.5	229.0	236.1	59.6	68.7	67.9	71.8	74.0
Chernihiv	292.2	281.7	261.4	259.5	254.3	68.3	68.6	68.4	69.2	68.6
City of Kyiv	678.2	722.9	746.1	749.7	757.9	71.7	72.6	73.6	74.5	75.0
City of Sevastopol	74.6	93.2	100.3	97.6	102.0	75.5	69.2	73.6	72.8	76.3

Table 5.8 continued

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Urban settlements										
Ukraine	15,936.2	15,293.8	15,083.9	15,132.9	15,072.6	63.9	61.3	62.1	63.3	63.4
Autonomous Republic of Crimea	668.6	611.6	590.9	585.7	581.7	62.8	62.8	62.7	63.4	63.4
oblasts										
Vinnitsia	418.3	374.2	368.1	375.4	365.3	68.3	59.8	58.8	60.3	58.9
Volyn	245.5	229.8	227.4	232.4	232.9	62.5	58.1	56.4	57.5	57.6
Dnipropetrovsk	1,473.7	1,389.1	1,399.7	1,390.0	1,393.0	64.3	61.2	65.0	66.2	67.1
Donetsk	2,182.7	2,049.6	1,959.4	1,945.6	1,923.4	64.4	62.4	63.4	64.8	64.8
Zhytomyr	359.5	352.3	334.1	338.4	338.9	61.8	60.5	58.9	60.2	60.6
Zakarpattia	227.5	232.6	238.3	242.0	246.7	65.6	66.6	68.6	69.9	71.5
Zaporizhia	719.9	694.2	673.2	680.6	674.4	63.5	61.8	62.3	64.5	64.6
Ivano-Frankivsk	285.4	256.0	253.4	257.9	259.9	64.8	57.1	55.7	56.8	57.2
Kyiv	532.4	515.1	511.1	504.5	498.1	67.7	62.8	62.7	62.2	61.4
Kirovohrad	336.7	316.1	301.0	303.8	297.8	65.4	62.3	62.7	64.3	63.9
Luhansk	1,002.9	960.2	925.8	911.8	910.8	58.5	58.1	59.8	60.7	61.4
Lviv	759.0	697.7	714.0	724.6	727.9	64.8	59.2	60.6	62.0	62.5
Mykolaiv	407.5	399.8	385.5	391.4	388.9	63.4	62.2	61.6	63.8	64.0
Odesa	774.9	742.8	747.3	758.9	746.1	61.9	59.4	60.7	62.6	61.7
Poltava	456.3	454.1	440.8	435.1	425.9	62.9	62.5	62.7	63.0	62.2
Rivne	252.8	260.1	242.4	241.3	243.4	62.2	62.3	57.4	57.2	57.9
Sumy	417.0	404.7	399.5	380.6	369.3	64.8	63.6	65.1	63.1	61.8
Ternopil	230.7	182.2	212.5	217.2	216.7	63.3	49.6	58.1	59.6	59.6
Kharkiv	1,130.1	1,068.1	1,087.6	1,092.9	1,092.5	63.8	59.9	62.9	64.5	64.5
Kherson	352.2	310.8	295.2	291.0	293.0	64.9	58.3	57.5	58.0	59.1
Khmelnysk	358.5	347.8	332.6	352.2	352.6	65.5	62.2	59.0	62.7	63.0
Cherkasy	350.7	368.0	349.4	353.3	350.9	61.7	64.0	62.2	63.8	64.0
Chernivtsi	178.9	156.1	115.5	139.5	148.4	64.1	54.8	39.5	47.4	50.2
Chernihiv	358.9	334.1	323.5	328.1	325.5	65.6	61.2	60.7	62.4	62.4
City of Kyiv	1,333.3	1,412.6	1,473.7	1,480.8	1,490.6	66.2	66.2	67.5	68.2	68.4
City of Sevastopol	122.3	174.1	182.0	177.9	178.0	66.5	62.0	66.3	65.9	66.2

Table 5.8 continued

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Rural areas										
Ukraine	6,894.6	6,987.0	6,967.7	6,878.6	6,908.0	61.5	64.1	67.5	67.7	68.5
Autonomous Republic of Crimea	321.2	347.1	373.8	384.6	384.5	58.0	61.0	67.5	70.3	70.7
oblasts										
Vinnitsia	500.8	401.2	403.1	393.0	403.7	75.7	63.7	69.3	69.3	71.9
Volyn	294.5	242.0	246.7	249.4	250.7	82.4	68.8	72.1	72.8	73.3
Dnipropetrovsk	262.1	276.6	259.9	247.0	244.8	60.7	65.1	64.6	62.9	63.1
Donetsk	200.8	215.5	207.2	211.6	210.3	57.5	64.0	66.4	69.9	70.5
Zhytomyr	265.3	280.2	287.0	270.8	270.2	62.0	69.5	76.5	73.9	74.4
Zakarpattia	342.1	359.7	343.9	339.4	340.1	61.2	63.2	59.8	58.8	58.8
Zaporizhia	204.5	214.1	219.4	202.0	205.2	60.3	64.5	71.1	67.5	69.4
Ivano-Frankivsk	367.9	316.8	324.4	337.5	346.6	64.4	56.0	58.0	60.2	61.8
Kyiv	314.8	331.8	306.5	303.8	309.7	56.0	62.7	64.1	65.0	66.9
Kirovohrad	174.4	185.4	172.5	169.9	173.2	55.2	61.2	62.1	63.4	65.7
Luhansk	132.4	183.0	168.3	165.3	167.2	50.9	73.3	73.3	74.6	76.6
Lviv	490.5	469.3	476.0	464.4	461.1	65.8	64.4	66.7	65.1	64.7
Mykolaiv	178.9	195.2	200.6	187.9	188.2	58.3	65.3	70.9	67.7	68.7
Odesa	376.4	343.6	365.2	367.1	377.9	62.5	57.3	62.5	63.3	65.6
Poltava	291.9	290.4	273.2	278.8	280.1	61.9	63.5	64.5	67.8	69.0
Rivne	238.9	251.0	289.6	304.5	302.9	56.4	60.0	70.8	74.4	73.8
Sumy	186.5	186.5	156.7	188.0	189.4	58.3	61.6	57.3	71.0	72.7
Ternopil	244.4	285.2	269.6	270.2	272.4	54.0	64.8	62.8	63.3	64.1
Kharkiv	333.4	320.7	277.6	280.7	278.1	74.1	73.0	68.2	70.8	71.1
Kherson	204.2	238.1	239.7	232.4	231.6	59.6	70.8	75.6	74.5	74.9
Khmelnysk	294.2	294.1	302.9	272.8	271.0	60.3	64.9	72.5	67.2	67.5
Cherkasy	255.2	273.6	277.9	265.2	266.4	56.2	62.2	68.7	67.3	68.3
Chernivtsi	175.1	245.1	302.5	281.2	274.6	46.0	64.7	80.8	75.3	73.8
Chernihiv	228.0	228.2	212.7	199.0	196.3	63.7	71.2	76.6	75.0	75.6
City of Kyiv	–	–	–	–	–	–	–	–	–	–
City of Sevastopol	16.2	12.6	10.8	12.1	11.8	50.0	74.1	61.4	69.1	67.4

5.9. Employed population, by sex, place of residence and region

	Employed aged 15-70, thsd. prs.					Employment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Total										
Ukraine	20,175.0	20,680.0	20,266.0	20,354.3	20,404.1	55.8	57.7	58.5	59.7	60.3
Autonomous Republic of Crimea	909.9	906.1	904.5	914.2	911.0	56.2	58.7	60.5	62.1	62.3
oblasts										
Vinnitsia	839.4	723.0	694.3	701.1	704.6	65.9	57.6	57.5	58.9	59.6
Volyn	486.2	429.9	433.6	442.8	445.7	64.8	57.5	58.2	59.3	59.7
Dnipropetrovsk	1,534.3	1,573.8	1,541.9	1,528.5	1,531.0	56.3	58.4	60.3	61.4	62.1
Donetsk	2,153.2	2,124.9	1,983.7	1,985.4	1,968.1	57.6	58.7	58.3	60.0	60.3
Zhytomyr	548.0	570.6	560.3	550.3	552.3	54.3	57.9	59.5	59.3	59.9
Zakarpattia	503.3	551.0	531.8	530.8	541.2	55.6	60.0	57.7	57.5	58.6
Zaporizhia	807.4	846.0	825.7	821.2	821.9	54.8	58.2	59.5	60.6	61.3
Ivano-Frankivsk	584.7	522.5	530.3	548.5	562.7	57.8	51.6	52.3	54.1	55.4
Kyiv	739.0	791.0	757.9	757.5	758.4	54.8	58.6	58.6	59.2	59.5
Kirovohrad	435.2	457.5	431.2	433.7	434.0	52.4	56.5	56.9	58.6	59.5
Luhansk	1,008.3	1,054.4	1,015.4	1,008.6	1,011.7	51.1	55.4	57.1	58.5	59.4
Lviv	1,082.7	1,064.6	1,096.7	1,099.9	1,104.7	56.5	55.8	58.0	58.4	58.8
Mykolaiv	501.0	539.8	536.7	533.7	534.5	52.8	57.3	59.1	59.9	60.6
Odesa	1,015.0	1,028.1	1,044.5	1,060.4	1,064.5	54.7	55.6	57.5	59.2	59.6
Poltava	672.3	690.3	644.8	652.7	648.3	56.2	58.3	57.3	59.3	59.4
Rivne	431.8	461.6	471.2	492.5	494.9	52.0	55.2	56.7	59.2	59.6
Sumy	513.8	546.0	497.0	519.6	515.9	53.3	58.1	56.0	59.9	60.1
Ternopil	409.4	425.1	431.3	439.4	442.9	50.1	52.6	54.2	55.5	56.2
Kharkiv	1,272.4	1,297.2	1,267.3	1,280.6	1,282.8	57.3	58.4	59.3	61.2	61.5
Kherson	479.3	499.9	488.8	477.7	480.2	54.1	57.5	58.9	58.7	59.6
Khmelnysk	562.9	586.0	580.6	571.3	573.7	54.4	57.9	59.1	59.0	59.7
Cherkasy	534.9	578.7	564.9	562.7	562.1	52.3	57.0	58.4	59.4	59.9
Chernivtsi	293.6	361.7	382.4	387.2	391.6	44.5	54.5	57.4	57.9	58.7
Chernihiv	520.5	517.9	480.1	475.5	473.4	57.5	59.8	59.2	60.1	60.6
City of Kyiv	1,218.3	1,352.0	1,387.8	1,399.8	1,413.1	60.5	63.3	63.6	64.5	64.9
City of Sevastopol	118.2	180.4	181.3	178.7	178.9	54.7	60.6	62.0	62.2	62.5

Table 5.9. continued

	Employed aged 15-70, thsd. prs.					Employment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Women										
Ukraine	9,856.9	10,075.5	9,965.6	9,846.3	9,847.6	51.6	53.1	54.4	54.8	55.3
Autonomous Republic of Crimea	445.9	437.8	432.4	423.1	433.4	51.7	52.9	54.1	54.0	55.8
oblasts										
Vinnitsia	422.7	351.5	343.9	347.4	342.1	62.4	52.9	53.9	55.5	55.2
Volyn	246.9	213.9	214.4	221.9	220.1	63.0	55.0	55.3	57.3	56.9
Dnipropetrovsk	727.0	764.1	759.1	735.4	740.2	50.1	53.0	55.5	55.3	56.4
Donetsk	1,048.2	1,046.7	984.3	975.7	968.6	52.6	53.9	54.0	55.2	55.6
Zhytomyr	262.9	289.0	285.2	272.6	267.4	49.6	56.0	57.8	56.3	55.6
Zakarpattia	239.6	259.0	255.0	252.6	263.5	51.2	54.9	53.7	53.2	55.5
Zaporizhia	399.6	417.2	411.5	398.5	405.9	50.9	53.7	55.4	55.2	56.9
Ivano-Frankivsk	285.6	259.8	258.2	255.1	251.3	54.1	49.4	49.2	48.7	48.0
Kyiv	357.3	385.1	367.4	361.2	360.9	50.4	54.3	53.9	53.7	53.9
Kirovohrad	210.6	227.6	216.4	210.2	208.3	48.0	53.0	53.6	53.5	53.8
Luhansk	486.4	505.9	494.7	494.9	490.4	46.5	49.8	52.4	54.2	54.6
Lviv	541.2	511.0	532.0	532.4	530.4	54.6	52.0	54.5	54.9	54.9
Mykolaiv	246.1	259.3	262.9	259.3	249.5	49.2	52.0	54.5	55.0	53.5
Odesa	487.2	490.7	493.6	490.4	494.6	50.0	50.5	51.8	52.2	53.0
Poltava	332.4	336.3	319.9	310.2	312.4	52.7	53.6	53.7	53.3	54.3
Rivne	208.6	226.0	235.0	243.8	241.8	48.3	52.2	54.6	56.7	56.4
Sumy	252.6	261.6	251.8	262.3	258.2	49.6	52.5	53.5	57.2	57.0
Ternopil	197.0	210.2	216.3	219.1	220.2	45.8	49.6	52.1	53.2	53.7
Kharkiv	632.7	626.2	604.8	609.4	607.9	53.8	53.3	53.4	55.1	55.4
Kherson	229.0	242.5	225.6	221.3	224.6	49.2	52.6	51.5	51.7	53.1
Khmelnysk	264.7	291.3	289.3	281.3	279.2	48.5	54.9	56.2	55.6	55.7
Cherkasy	263.9	275.7	289.1	270.3	277.2	48.5	51.3	56.3	53.8	55.8
Chernivtsi	144.7	174.3	190.1	177.1	174.0	41.6	49.5	54.4	50.7	49.9
Chernihiv	266.4	261.7	250.7	241.5	240.4	55.7	57.4	58.5	58.1	58.6
City of Kyiv	605.5	662.6	690.8	691.3	700.4	56.7	58.2	59.1	59.4	60.0
City of Sevastopol	52.2	88.5	91.2	88.0	84.7	44.5	54.3	58.5	57.4	55.5

Table 5.9. continued

	Employed aged 15-70, thsd. prs.					Employment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Men										
Ukraine	10,318.1	10,604.5	10,300.4	10,508.0	10,556.5	60.5	62.8	63.1	65.2	65.9
Autonomous Republic of Crimea	464.0	468.3	472.1	491.1	477.6	61.4	65.5	67.7	71.4	69.8
oblasts										
Vinnitsia	416.7	371.5	350.4	353.7	362.5	69.8	62.8	61.5	62.7	64.6
Volyn	239.3	216.0	219.2	220.9	225.6	66.8	60.3	61.2	61.5	62.8
Dnipropetrovsk	807.3	809.7	782.8	793.1	790.8	63.4	64.7	65.9	68.2	68.6
Donetsk	1,105.0	1,078.2	999.4	1,009.7	999.5	63.4	64.3	63.3	65.6	65.7
Zhytomyr	285.1	281.6	275.1	277.7	284.9	59.4	60.0	61.3	62.5	64.5
Zakarpattia	263.7	292.0	276.8	278.2	277.7	60.2	65.4	61.9	62.1	61.9
Zaporizhia	407.8	428.8	414.2	422.7	416.0	59.2	63.2	64.1	66.9	66.3
Ivano-Frankivsk	299.1	262.7	272.1	293.4	311.4	61.9	53.9	55.6	59.9	63.4
Kyiv	381.7	405.9	390.5	396.3	397.5	59.6	63.5	63.9	65.4	65.7
Kirovohrad	224.6	229.9	214.8	223.5	225.7	57.3	60.5	60.6	64.3	65.8
Luhansk	521.9	548.5	520.7	513.7	521.3	56.2	61.7	62.6	63.3	64.9
Lviv	541.5	553.6	564.7	567.5	574.3	58.5	59.9	61.6	62.1	63.0
Mykolaiv	254.9	280.5	273.8	274.4	285.0	56.7	63.3	64.2	65.5	68.6
Odesa	527.8	537.4	550.9	570.0	569.9	60.0	61.3	63.8	66.7	66.9
Poltava	339.9	354.0	324.9	342.5	335.9	60.1	63.6	61.3	65.9	65.1
Rivne	223.2	235.6	236.2	248.7	253.1	56.0	58.5	58.9	61.9	63.0
Sumy	261.2	284.4	245.2	257.3	257.7	57.5	64.6	58.8	62.9	63.6
Ternopil	212.4	214.9	215.0	220.3	222.7	54.9	56.0	56.6	58.1	58.8
Kharkiv	639.7	671.0	662.5	671.2	674.9	61.3	64.0	65.9	68.0	68.3
Kherson	250.3	257.4	263.2	256.4	255.6	59.6	63.0	67.1	66.5	66.9
Khmelnysk	298.2	294.7	291.3	290.0	294.5	60.9	61.2	62.3	62.7	64.1
Cherkasy	271.0	303.0	275.8	292.4	284.9	56.7	63.4	60.9	65.6	64.5
Chernivtsi	148.9	187.4	192.3	210.1	217.6	47.7	60.1	60.6	65.9	68.2
Chernihiv	254.1	256.2	229.4	234.0	233.0	59.4	62.4	60.0	62.4	62.8
City of Kyiv	612.8	689.4	697.0	708.5	712.7	64.8	69.3	68.8	70.4	70.5
City of Sevastopol	66.0	91.9	90.1	90.7	94.2	66.8	68.2	66.2	67.7	70.5

Table 5.9. continued

	Employed aged 15-70, thsd. prs.					Employment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Urban settlements										
Ukraine	13,745.7	14,093.9	13,791.8	13,983.6	13,998.2	55.1	56.5	56.8	58.5	58.9
Autonomous Republic of Crimea	604.1	568.8	547.9	550.8	550.0	56.7	58.4	58.2	59.6	60.0
oblasts										
Vinnitsia	350.3	335.9	329.6	339.3	330.4	57.2	53.7	52.6	54.5	53.3
Volyn	195.6	207.3	210.5	217.0	218.3	49.8	52.4	52.2	53.7	54.0
Dnipropetrovsk	1,284.8	1,311.3	1,300.1	1,299.5	1,303.9	56.0	57.8	60.4	61.9	62.8
Donetsk	1,966.2	1,917.2	1,795.8	1,795.1	1,783.4	58.0	58.4	58.1	59.8	60.1
Zhytomyr	304.3	307.6	296.8	302.6	306.5	52.3	52.8	52.3	53.8	54.8
Zakarpattia	195.0	206.6	214.7	221.7	224.0	56.2	59.1	61.8	64.1	64.9
Zaporizhia	614.0	646.8	617.2	631.7	630.6	54.1	57.6	57.1	59.9	60.4
Ivano-Frankivsk	242.6	231.9	224.0	229.0	235.9	55.1	51.8	49.3	50.4	51.9
Kyiv	450.2	469.7	465.6	473.0	468.5	57.2	57.3	57.1	58.3	57.8
Kirovohrad	287.7	277.9	273.4	282.3	276.1	55.9	54.8	56.9	59.8	59.2
Luhansk	886.2	877.5	855.9	854.2	854.5	51.7	53.1	55.3	56.8	57.6
Lviv	631.8	638.1	644.3	662.9	666.1	53.9	54.2	54.7	56.7	57.2
Mykolaiv	338.7	360.6	347.1	364.0	361.6	52.7	56.1	55.5	59.4	59.5
Odesa	650.1	695.9	697.4	704.7	703.3	51.9	55.7	56.6	58.1	58.2
Poltava	395.9	414.8	396.6	405.0	400.4	54.6	57.1	56.4	58.7	58.5
Rivne	211.9	236.3	207.0	214.9	216.6	52.1	56.6	49.0	50.9	51.5
Sumy	346.7	367.6	354.5	345.1	338.4	53.8	57.8	57.7	57.2	56.6
Ternopil	189.6	164.8	181.0	186.7	189.8	52.0	44.9	49.5	51.2	52.2
Kharkiv	955.9	996.0	1,013.9	1,023.9	1,027.1	54.0	55.9	58.6	60.4	60.6
Kherson	296.1	280.2	259.7	258.9	261.2	54.6	52.5	50.6	51.6	52.7
Khmelnysk	289.5	305.3	310.7	322.0	327.5	52.9	54.6	55.1	57.3	58.5
Cherkasy	290.0	323.8	298.1	309.8	310.4	51.0	56.3	53.0	56.0	56.6
Chernivtsi	142.6	132.0	105.4	128.6	137.6	51.1	46.3	36.1	43.7	46.5
Chernihiv	301.7	300.0	285.1	293.4	295.5	55.1	54.9	53.5	55.8	56.7
City of Kyiv	1,218.3	1,352.0	1,387.8	1,399.8	1,413.1	60.5	63.3	63.6	64.5	64.9
City of Sevastopol	105.9	168.0	171.7	167.7	167.5	57.6	59.9	62.5	62.1	62.3

Table 5.9. continued

	Employed aged 15-70, thsd. prs.					Employment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Rural areas										
Ukraine	6,429.3	6,586.1	6,474.2	6,370.7	6,405.9	57.3	60.5	62.7	62.7	63.5
Autonomous Republic of Crimea	305.8	337.3	356.6	363.4	361.0	55.3	59.3	64.4	66.4	66.4
oblasts										
Vinnytsia	489.1	387.1	364.7	361.8	374.2	73.9	61.5	62.7	63.8	66.6
Volyn	290.6	222.6	223.1	225.8	227.4	81.3	63.3	65.2	65.9	66.5
Dnipropetrovsk	249.5	262.5	241.8	229.0	227.1	57.8	61.7	60.1	58.3	58.5
Donetsk	187.0	207.7	187.9	190.3	184.7	53.6	61.7	60.2	62.8	62.0
Zhytomyr	243.7	263.0	263.5	247.7	245.8	57.0	65.2	70.3	67.6	67.7
Zakarpattia	308.3	344.4	317.1	309.1	317.2	55.2	60.5	55.1	53.6	54.8
Zaporizhia	193.4	199.2	208.5	189.5	191.3	57.0	60.0	67.6	63.3	64.7
Ivano-Frankivsk	342.1	290.6	306.3	319.5	326.8	59.9	51.4	54.7	57.0	58.3
Kyiv	288.8	321.3	292.3	284.5	289.9	51.4	60.7	61.1	60.9	62.6
Kirovohrad	147.5	179.6	157.8	151.4	157.9	46.7	59.3	56.8	56.5	59.9
Luhansk	122.1	176.9	159.5	154.4	157.2	47.0	70.8	69.4	69.7	72.0
Lviv	450.9	426.5	452.4	437.0	438.6	60.5	58.5	63.4	61.3	61.6
Mykolaiv	162.3	179.2	189.6	169.7	172.9	52.9	59.9	67.0	61.2	63.1
Odesa	364.9	332.2	347.1	355.7	361.2	60.6	55.4	59.4	61.3	62.7
Poltava	276.4	275.5	248.2	247.7	247.9	58.6	60.3	58.6	60.3	61.1
Rivne	219.9	225.3	264.2	277.6	278.3	51.9	53.9	64.6	67.8	67.8
Sumy	167.1	178.4	142.5	174.5	177.5	52.3	58.9	52.1	65.9	68.2
Ternopil	219.8	260.3	250.3	252.7	253.1	48.6	59.1	58.3	59.2	59.5
Kharkiv	316.5	301.2	253.4	256.7	255.7	70.3	68.5	62.2	64.7	65.3
Kherson	183.2	219.7	229.1	218.8	219.0	53.4	65.3	72.3	70.2	70.9
Khmelnysk	273.4	280.7	269.9	249.3	246.2	56.0	62.0	64.6	61.4	61.4
Cherkasy	244.9	254.9	266.8	252.9	251.7	54.0	57.9	65.9	64.1	64.5
Chernivtsi	151.0	229.7	277.0	258.6	254.0	39.7	60.6	74.0	69.2	68.3
Chernihiv	218.8	217.9	195.0	182.1	177.9	61.1	68.0	70.2	68.6	68.5
City of Kyiv	–	–	–	–	–	–	–	–	–	–
City of Sevastopol	12.3	12.4	9.6	11.0	11.4	38.0	72.9	54.5	62.9	65.1

5.10. Unemployed population, by sex, place of residence and region

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Total										
Ukraine	2,655.8	1,600.8	1,785.6	1,657.2	1,576.5	11.6	7.2	8.1	7.5	7.2
Autonomous Republic of Crimea	79.9	52.6	60.2	56.1	55.2	8.1	5.5	6.2	5.8	5.7
oblasts										
Vinnytsia	79.7	52.4	76.9	67.3	64.4	8.7	6.8	10.0	8.8	8.4
Volyn	53.8	41.9	40.5	39.0	37.9	10.0	8.9	8.5	8.1	7.8
Dnipropetrovsk	201.5	91.9	117.7	108.5	106.8	11.6	5.5	7.1	6.6	6.5
Donetsk	230.3	140.2	182.9	171.8	165.6	9.7	6.2	8.4	8.0	7.8
Zhytomyr	76.8	61.9	60.8	58.9	56.8	12.3	9.8	9.8	9.7	9.3
Zakarpattia	66.3	41.3	50.4	50.6	45.6	11.6	7.0	8.7	8.7	7.8
Zaporizhia	117.0	62.3	66.9	61.4	57.7	12.7	6.9	7.5	7.0	6.6
Ivano-Frankivsk	68.6	50.3	47.5	46.9	43.8	10.5	8.8	8.2	7.9	7.2
Kyiv	108.2	55.9	59.7	50.8	49.4	12.8	6.6	7.3	6.3	6.1
Kirovohrad	75.9	44.0	42.3	40.0	37.0	14.9	8.8	8.9	8.4	7.9
Luhansk	127.0	88.8	78.7	68.5	66.3	11.2	7.8	7.2	6.4	6.2
Lviv	166.8	102.4	93.3	89.1	84.3	13.3	8.8	7.8	7.5	7.1
Mykolaiv	85.4	55.2	49.4	45.6	42.6	14.6	9.3	8.4	7.9	7.4
Odesa	136.3	58.3	68.0	65.6	59.5	11.8	5.4	6.1	5.8	5.3
Poltava	75.9	54.2	69.2	61.2	57.7	10.1	7.3	9.7	8.6	8.2
Rivne	59.9	49.5	60.8	53.3	51.4	12.2	9.7	11.4	9.8	9.4
Sumy	89.7	45.2	59.2	49.0	42.8	14.9	7.6	10.6	8.6	7.7
Ternopil	65.7	42.3	50.8	48.0	46.2	13.8	9.1	10.5	9.8	9.4
Kharkiv	191.1	91.6	97.9	93.0	87.8	13.1	6.6	7.2	6.8	6.4
Kherson	77.1	49.0	46.1	45.7	44.4	13.9	8.9	8.6	8.7	8.5
Khmelnysk	89.8	55.9	54.9	53.7	49.9	13.8	8.7	8.6	8.6	8.0
Cherkasy	71.0	62.9	62.4	55.8	55.2	11.7	9.8	9.9	9.0	8.9
Chernivtsi	60.4	39.5	35.6	33.5	31.4	17.1	9.8	8.5	8.0	7.4
Chernihiv	66.4	44.4	56.1	51.6	48.4	11.3	7.9	10.5	9.8	9.3
City of Kyiv	115.0	60.6	85.9	81.0	77.5	8.6	4.3	5.8	5.5	5.2
City of Sevastopol	20.3	6.3	11.5	11.3	10.9	14.7	3.4	6.0	5.9	5.7

Table 5.10. continued

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Women										
Ukraine	1,298.4	738.3	729.2	678.5	653.3	11.6	6.8	6.8	6.4	6.2
Autonomous Republic of Crimea	42.0	30.3	29.6	29.3	19.7	8.6	6.5	6.4	6.5	4.3
oblasts										
Vinnitsia	39.3	23.9	29.1	26.6	27.0	8.5	6.4	7.8	7.1	7.3
Volyn	24.2	16.4	13.3	15.7	15.8	8.9	7.1	5.8	6.6	6.7
Dnipropetrovsk	110.7	50.3	55.0	40.3	38.7	13.2	6.2	6.8	5.2	5.0
Donetsk	122.2	75.4	86.3	76.7	83.6	10.4	6.7	8.1	7.3	7.9
Zhytomyr	38.8	26.3	19.3	23.0	27.9	12.9	8.3	6.3	7.8	9.4
Zakarpattia	29.2	19.7	16.6	16.9	9.1	10.9	7.1	6.1	6.3	3.3
Zaporizhia	60.7	23.3	26.8	24.1	14.3	13.2	5.3	6.1	5.7	3.4
Ivano-Frankivsk	32.1	22.4	17.9	22.2	24.1	10.1	7.9	6.5	8.0	8.8
Kyiv	59.0	23.7	20.9	20.6	19.4	14.2	5.8	5.4	5.4	5.1
Kirovohrad	38.1	19.0	17.9	16.8	16.4	15.3	7.7	7.6	7.4	7.3
Luhansk	66.0	44.2	40.6	27.0	24.1	11.9	8.0	7.6	5.2	4.7
Lviv	75.6	44.4	38.2	28.4	31.6	12.3	8.0	6.7	5.1	5.6
Mykolaiv	39.2	26.5	18.1	17.9	22.1	13.7	9.3	6.4	6.5	8.1
Odesa	63.4	20.7	23.5	15.9	13.8	11.5	4.0	4.5	3.1	2.7
Poltava	36.1	26.0	27.4	32.9	27.6	9.8	7.2	7.9	9.6	8.1
Rivne	25.9	20.2	24.0	17.1	23.4	11.0	8.2	9.3	6.6	8.8
Sumy	40.2	26.5	23.7	24.9	24.5	13.7	9.2	8.6	8.7	8.7
Ternopil	34.6	20.0	17.3	17.7	15.5	14.9	8.7	7.4	7.5	6.6
Kharkiv	96.8	36.3	40.2	35.5	46.8	13.3	5.5	6.2	5.5	7.1
Kherson	33.8	25.5	24.3	19.7	14.9	12.9	9.5	9.7	8.2	6.2
Khmelnysk	45.6	26.4	19.6	16.7	18.3	14.7	8.3	6.3	5.6	6.2
Cherkasy	32.0	27.2	25.0	27.7	19.3	10.8	9.0	8.0	9.3	6.5
Chernivtsi	23.3	12.7	12.4	14.6	12.9	13.9	6.8	6.1	7.6	6.9
Chernihiv	28.3	18.9	24.1	26.1	27.1	9.6	6.7	8.8	9.8	10.1
City of Kyiv	49.6	27.1	36.8	39.8	32.3	7.6	3.9	5.1	5.4	4.4
City of Sevastopol	11.7	5.0	1.3	4.4	3.1	18.3	5.3	1.4	4.8	3.5

Table 5.10. continued

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Men										
Ukraine	1,357.4	862.5	1,056.4	978.7	923.2	11.6	7.5	9.3	8.5	8.0
Autonomous Republic of Crimea	37.9	22.3	30.6	26.8	35.5	7.6	4.5	6.1	5.2	6.9
oblasts										
Vinnytsia	40.4	28.5	47.8	40.7	37.4	8.8	7.1	12.0	10.3	9.4
Volyn	29.6	25.5	27.2	23.3	22.1	11.0	10.6	11.0	9.5	8.9
Dnipropetrovsk	90.8	41.6	62.7	68.2	68.1	10.1	4.9	7.4	7.9	7.9
Donetsk	108.1	64.8	96.6	95.1	82.0	8.9	5.7	8.8	8.6	7.6
Zhytomyr	38.0	35.6	41.5	35.9	28.9	11.8	11.2	13.1	11.4	9.2
Zakarpattia	37.1	21.6	33.8	33.7	36.5	12.3	6.9	10.9	10.8	11.6
Zaporizhia	56.3	39.0	40.1	37.3	43.4	12.1	8.3	8.8	8.1	9.4
Ivano-Frankivsk	36.5	27.9	29.6	24.7	19.7	10.9	9.6	9.8	7.8	5.9
Kyiv	49.2	32.2	38.8	30.2	30.0	11.4	7.3	9.0	7.1	7.0
Kirovohrad	37.8	25.0	24.4	23.2	20.6	14.4	9.8	10.2	9.4	8.4
Luhansk	61.0	44.6	38.1	41.5	42.2	10.5	7.5	6.8	7.5	7.5
Lviv	91.2	58.0	55.1	60.7	52.7	14.4	9.5	8.9	9.7	8.4
Mykolaiv	46.2	28.7	31.3	27.7	20.5	15.3	9.3	10.3	9.2	6.7
Odesa	72.9	37.6	44.5	49.7	45.7	12.1	6.5	7.5	8.0	7.4
Poltava	39.8	28.2	41.8	28.3	30.1	10.5	7.4	11.4	7.6	8.2
Rivne	34.0	29.3	36.8	36.2	28.0	13.2	11.1	13.5	12.7	10.0
Sumy	49.5	18.7	35.5	24.1	18.3	15.9	6.2	12.6	8.6	6.6
Ternopil	31.1	22.3	33.5	30.3	30.7	12.8	9.4	13.5	12.1	12.1
Kharkiv	94.3	55.3	57.7	57.5	41.0	12.8	7.6	8.0	7.9	5.7
Kherson	43.3	23.5	21.8	26.0	29.5	14.7	8.4	7.6	9.2	10.3
Khmelnysk	44.2	29.5	35.3	37.0	31.6	12.9	9.1	10.8	11.3	9.7
Cherkasy	39.0	35.7	37.4	28.1	35.9	12.6	10.5	11.9	8.8	11.2
Chernivtsi	37.1	26.8	23.2	18.9	18.5	19.9	12.5	10.8	8.3	7.8
Chernihiv	38.1	25.5	32.0	25.5	21.3	13.0	9.1	12.2	9.8	8.4
City of Kyiv	65.4	33.5	49.1	41.2	45.2	9.6	4.6	6.6	5.5	6.0
City of Sevastopol	8.6	1.3	10.2	6.9	7.8	11.5	1.4	10.2	7.1	7.6

Table 5.10. continued

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Urban settlements										
Ukraine	2,190.5	1,199.9	1,292.1	1,149.3	1,074.4	13.7	7.8	8.6	7.6	7.1
Autonomous Republic of Crimea	64.5	42.8	43.0	34.9	31.7	9.6	7.0	7.3	6.0	5.4
oblasts										
Vinnytsia	68.0	38.3	38.5	36.1	34.9	16.3	10.2	10.5	9.6	9.6
Volyn	49.9	22.5	16.9	15.4	14.6	20.3	9.8	7.4	6.6	6.3
Dnipropetrovsk	188.9	77.8	99.6	90.5	89.1	12.8	5.6	7.1	6.5	6.4
Donetsk	216.5	132.4	163.6	150.5	140.0	9.9	6.5	8.3	7.7	7.3
Zhytomyr	55.2	44.7	37.3	35.8	32.4	15.4	12.7	11.2	10.6	9.6
Zakarpattia	32.5	26.0	23.6	20.3	22.7	14.3	11.2	9.9	8.4	9.2
Zaporizhia	105.9	47.4	56.0	48.9	43.8	14.7	6.8	8.3	7.2	6.5
Ivano-Frankivsk	42.8	24.1	29.4	28.9	24.0	15.0	9.4	11.6	11.2	9.2
Kyiv	82.2	45.4	45.5	31.5	29.6	15.4	8.8	8.9	6.2	5.9
Kirovohrad	49.0	38.2	27.6	21.5	21.7	14.6	12.1	9.2	7.1	7.3
Luhansk	116.7	82.7	69.9	57.6	56.3	11.6	8.6	7.6	6.3	6.2
Lviv	127.2	59.6	69.7	61.7	61.8	16.8	8.5	9.8	8.5	8.5
Mykolaiv	68.8	39.2	38.4	27.4	27.3	16.9	9.8	10.0	7.0	7.0
Odesa	124.8	46.9	49.9	54.2	42.8	16.1	6.3	6.7	7.1	5.7
Poltava	60.4	39.3	44.2	30.1	25.5	13.2	8.7	10.0	6.9	6.0
Rivne	40.9	23.8	35.4	26.4	26.8	16.2	9.2	14.6	10.9	11.0
Sumy	70.3	37.1	45.0	35.5	30.9	16.9	9.2	11.3	9.3	8.4
Ternopil	41.1	17.4	31.5	30.5	26.9	17.8	9.5	14.8	14.0	12.4
Kharkiv	174.2	72.1	73.7	69.0	65.4	15.4	6.8	6.8	6.3	6.0
Kherson	56.1	30.6	35.5	32.1	31.8	15.9	9.8	12.0	11.0	10.9
Khmelnysk	69.0	42.5	21.9	30.2	25.1	19.2	12.2	6.6	8.6	7.1
Cherkasy	60.7	44.2	51.3	43.5	40.5	17.3	12.0	14.7	12.3	11.5
Chernivtsi	36.3	24.1	10.1	10.9	10.8	20.3	15.4	8.7	7.8	7.3
Chernihiv	57.2	34.1	38.4	34.7	30.0	15.9	10.2	11.9	10.6	9.2
City of Kyiv	115.0	60.6	85.9	81.0	77.5	8.6	4.3	5.8	5.5	5.2
City of Sevastopol	16.4	6.1	10.3	10.2	10.5	13.4	3.5	5.7	5.7	5.9

Table 5.10. continued

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Rural areas										
Ukraine	465.3	400.9	493.5	507.9	502.1	6.7	5.7	7.1	7.4	7.3
Autonomous Republic of Crimea	15.4	9.8	17.2	21.2	23.5	4.8	2.8	4.6	5.5	6.1
oblasts										
Vinnitsia	11.7	14.1	38.4	31.2	29.5	2.3	3.5	9.5	7.9	7.3
Volyn	3.9	19.4	23.6	23.6	23.3	1.3	8.0	9.6	9.5	9.3
Dnipropetrovsk	12.6	14.1	18.1	18.0	17.7	4.8	5.1	7.0	7.3	7.2
Donetsk	13.8	7.8	19.3	21.3	25.6	6.9	3.6	9.3	10.1	12.2
Zhytomyr	21.6	17.2	23.5	23.1	24.4	8.1	6.1	8.2	8.5	9.0
Zakarpattia	33.8	15.3	26.8	30.3	22.9	9.9	4.3	7.8	8.9	6.7
Zaporizhia	11.1	14.9	10.9	12.5	13.9	5.4	7.0	5.0	6.2	6.8
Ivano-Frankivsk	25.8	26.2	18.1	18.0	19.8	7.0	8.3	5.6	5.3	5.7
Kyiv	26.0	10.5	14.2	19.3	19.8	8.3	3.2	4.6	6.4	6.4
Kirovohrad	26.9	5.8	14.7	18.5	15.3	15.4	3.1	8.5	10.9	8.8
Luhansk	10.3	6.1	8.8	10.9	10.0	7.8	3.3	5.2	6.6	6.0
Lviv	39.6	42.8	23.6	27.4	22.5	8.1	9.1	5.0	5.9	4.9
Mykolaiv	16.6	16.0	11.0	18.2	15.3	9.3	8.2	5.5	9.7	8.1
Odesa	11.5	11.4	18.1	11.4	16.7	3.1	3.3	5.0	3.1	4.4
Poltava	15.5	14.9	25.0	31.1	32.2	5.3	5.1	9.2	11.2	11.5
Rivne	19.0	25.7	25.4	26.9	24.6	8.0	10.2	8.8	8.8	8.1
Sumy	19.4	8.1	14.2	13.5	11.9	10.4	4.3	9.1	7.2	6.3
Ternopil	24.6	24.9	19.3	17.5	19.3	10.1	8.7	7.2	6.5	7.1
Kharkiv	16.9	19.5	24.2	24.0	22.4	5.1	6.1	8.7	8.6	8.1
Kherson	21.0	18.4	10.6	13.6	12.6	10.3	7.7	4.4	5.9	5.4
Khmelnysk	20.8	13.4	33.0	23.5	24.8	7.1	4.6	10.9	8.6	9.2
Cherkasy	10.3	18.7	11.1	12.3	14.7	4.0	6.8	4.0	4.6	5.5
Chernivtsi	24.1	15.4	25.5	22.6	20.6	13.8	6.3	8.4	8.0	7.5
Chernihiv	9.2	10.3	17.7	16.9	18.4	4.0	4.5	8.3	8.5	9.4
City of Kyiv	–	–	–	–	–	–	–	–	–	–
City of Sevastopol	:	:	1.2	1.1	0.4	:	:	11.1	9.1	3.4

5.11. Economically inactive population, by sex, place of residence and region

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Total	13,318.4	13,559.7	12,575.5	12,055.3	11,861.7	36.8	37.8	36.3	35.4	35.0
Ukraine	13,318.4	13,559.7	12,575.5	12,055.3	11,861.7	36.8	37.8	36.3	35.4	35.0
Autonomous Republic of Crimea	628.2	583.6	531.1	501.0	495.1	38.8	37.8	35.5	34.1	33.9
oblasts										
Vinnitsia	355.4	480.0	436.3	421.7	412.5	27.9	38.2	36.1	35.4	34.9
Volyn	210.4	275.6	271.3	264.9	262.7	28.0	36.9	36.4	35.5	35.2
Dnipropetrovsk	988.9	1,027.6	895.6	854.3	826.8	36.3	38.2	35.1	34.3	33.5
Donetsk	1,355.0	1,355.7	1,235.6	1,149.7	1,130.6	36.2	37.4	36.3	34.8	34.6
Zhytomyr	385.1	353.0	321.2	319.4	313.7	38.1	35.8	34.1	34.4	34.0
Zakarpattia	336.2	326.2	340.0	341.9	336.7	37.1	35.5	36.9	37.0	36.5
Zaporizhia	549.1	546.5	495.9	471.7	460.7	37.3	37.6	35.7	34.8	34.4
Ivano-Frankivsk	358.0	440.7	436.4	419.0	408.4	35.4	43.5	43.0	41.3	40.2
Kyiv	501.4	502.3	475.4	470.2	466.2	37.2	37.2	36.8	36.8	36.6
Kirovohrad	319.8	308.4	284.8	266.6	259.0	38.5	38.1	37.6	36.0	35.5
Luhansk	839.8	760.0	683.2	647.2	623.8	42.5	39.9	38.4	37.5	36.7
Lviv	667.1	740.1	702.1	693.8	689.0	34.8	38.8	37.1	36.8	36.7
Mykolaiv	363.2	347.2	322.5	311.4	304.8	38.2	36.8	35.5	35.0	34.6
Odesa	703.0	762.9	703.7	666.7	660.9	37.9	41.3	38.7	37.2	37.0
Poltava	448.5	438.9	411.9	387.6	384.6	37.5	37.1	36.6	35.2	35.3
Rivne	338.7	324.6	299.5	285.6	284.6	40.8	38.8	36.0	34.4	34.3
Sumy	360.2	347.9	331.4	299.3	299.6	37.4	37.0	37.3	34.5	34.9
Ternopil	342.1	340.3	313.0	303.6	299.5	41.9	42.1	39.4	38.4	38.0
Kharkiv	756.8	833.4	771.6	718.6	715.3	34.1	37.5	36.1	34.3	34.3
Kherson	329.3	320.9	295.4	290.1	280.5	37.2	36.9	35.6	35.7	34.8
Khmelnysk	382.7	370.5	346.5	343.1	337.6	37.0	36.6	35.3	35.4	35.1
Cherkasy	416.2	373.7	339.6	329.3	321.3	40.7	36.8	35.1	34.7	34.2
Chernivtsi	306.0	262.8	248.5	247.5	244.6	46.4	39.6	37.3	37.0	36.6
Chernihiv	318.7	304.0	274.2	263.7	259.4	35.2	35.1	33.8	33.3	33.2
City of Kyiv	680.9	721.9	709.4	690.0	687.3	33.8	33.8	32.5	31.8	31.6
City of Sevastopol	77.7	111.0	99.4	97.4	96.5	35.9	37.3	34.0	33.9	33.7

Table 5.11. continued

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Women										
Ukraine	7,937.4	8,147.5	7,611.4	7,437.7	7,314.2	41.6	43.0	41.6	41.4	41.1
Autonomous Republic of Crimea	374.5	359.5	336.7	330.9	323.9	43.4	43.4	42.2	42.2	41.7
oblasts										
Vinnitsia	215.5	288.8	265.0	251.9	251.1	31.8	43.5	41.5	40.2	40.5
Volyn	121.0	158.7	159.8	149.7	150.9	30.9	40.8	41.2	38.7	39.0
Dnipropetrovsk	613.0	627.3	553.3	553.4	533.5	42.3	43.5	40.5	41.6	40.7
Donetsk	823.9	820.8	753.6	715.2	689.8	41.3	42.2	41.3	40.5	39.6
Zhytomyr	227.9	200.5	188.8	188.9	185.6	43.0	38.9	38.3	39.0	38.6
Zakarpattia	199.1	193.4	203.6	205.5	202.3	42.6	41.0	42.8	43.3	42.6
Zaporizhia	324.7	336.2	304.4	299.6	292.8	41.4	43.3	41.0	41.5	41.1
Ivano-Frankivsk	210.3	244.1	249.1	247.0	248.6	39.8	46.4	47.4	47.1	47.4
Kyiv	292.0	300.9	293.8	290.5	288.9	41.2	42.4	43.1	43.2	43.2
Kirovohrad	190.4	183.0	169.3	165.7	162.3	43.4	42.6	41.9	42.2	41.9
Luhansk	494.7	464.8	409.6	390.8	384.2	47.2	45.8	43.3	42.8	42.8
Lviv	374.7	427.4	405.3	408.4	404.0	37.8	43.5	41.5	42.1	41.8
Mykolaiv	215.0	213.0	201.1	194.4	194.7	43.0	42.7	41.7	41.2	41.8
Odesa	423.5	461.2	435.2	432.4	424.2	43.5	47.4	45.7	46.1	45.5
Poltava	262.6	264.9	248.7	238.5	234.8	41.6	42.2	41.7	41.0	40.8
Rivne	197.0	186.7	171.4	168.8	163.9	45.7	43.1	39.8	39.3	38.2
Sumy	216.8	210.6	195.1	171.5	170.5	42.5	42.2	41.5	37.4	37.6
Ternopil	198.6	193.7	181.5	174.8	174.4	46.2	45.7	43.7	42.5	42.5
Kharkiv	447.1	511.9	486.9	460.4	442.4	38.0	43.6	43.0	41.7	40.3
Kherson	202.8	193.0	188.3	187.1	183.4	43.6	41.9	43.0	43.7	43.4
Khmelnysk	235.1	213.2	205.7	207.8	204.1	43.1	40.2	40.0	41.1	40.7
Cherkasy	247.9	234.8	199.8	204.2	200.3	45.6	43.7	38.9	40.7	40.3
Chernivtsi	179.7	165.1	146.7	157.7	161.8	51.7	46.9	42.0	45.1	46.4
Chernihiv	183.2	175.0	153.4	148.4	142.8	38.3	38.4	35.8	35.7	34.8
City of Kyiv	412.9	449.5	441.8	433.2	434.1	38.7	39.5	37.8	37.2	37.2
City of Sevastopol	53.5	69.5	63.5	61.0	64.9	45.6	42.6	40.7	39.8	42.5

Table 5.11. continued

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Men										
Ukraine	5,381.0	5,412.2	4,964.1	4,617.6	4,547.5	31.5	32.1	30.4	28.7	28.4
Autonomous Republic of Crimea	253.7	224.1	194.4	170.1	171.2	33.6	31.4	27.9	24.7	25.0
oblasts										
Vinnytsia	139.9	191.2	171.3	169.8	161.4	23.4	32.3	30.1	30.1	28.8
Volyn	89.4	116.9	111.5	115.2	111.8	25.0	32.6	31.2	32.1	31.1
Dnipropetrovsk	375.9	400.3	342.3	300.9	293.3	29.5	32.0	28.8	25.9	25.5
Donetsk	531.1	534.9	482.0	434.5	440.8	30.4	31.9	30.5	28.2	29.0
Zhytomyr	157.2	152.5	132.4	130.5	128.1	32.7	32.5	29.5	29.4	29.0
Zakarpattia	137.1	132.8	136.4	136.4	134.4	31.3	29.7	30.5	30.4	30.0
Zaporizhia	224.4	210.3	191.5	172.1	167.9	32.6	31.0	29.7	27.2	26.8
Ivano-Frankivsk	147.7	196.6	187.3	172.0	159.8	30.6	40.4	38.3	35.1	32.6
Kyiv	209.4	201.4	181.6	179.7	177.3	32.7	31.5	29.7	29.6	29.3
Kirovohrad	129.4	125.4	115.5	100.9	96.7	33.0	33.0	32.6	29.0	28.2
Luhansk	345.1	295.2	273.6	256.4	239.6	37.2	33.2	32.9	31.6	29.8
Lviv	292.4	312.7	296.8	285.4	285.0	31.6	33.8	32.4	31.2	31.3
Mykolaiv	148.2	134.2	121.4	117.0	110.1	33.0	30.3	28.5	27.9	26.5
Odesa	279.5	301.7	268.5	234.3	236.7	31.8	34.4	31.1	27.4	27.8
Poltava	185.9	174.0	163.2	149.1	149.8	32.9	31.3	30.8	28.7	29.0
Rivne	141.7	137.9	128.1	116.8	120.7	35.5	34.2	31.9	29.1	30.0
Sumy	143.4	137.3	136.3	127.8	129.1	31.6	31.2	32.7	31.2	31.9
Ternopil	143.5	146.6	131.5	128.8	125.1	37.1	38.2	34.6	33.9	33.1
Kharkiv	309.7	321.5	284.7	258.2	272.9	29.7	30.7	28.3	26.2	27.6
Kherson	126.5	127.9	107.1	103.0	97.1	30.1	31.3	27.3	26.7	25.4
Khmelnysk	147.6	157.3	140.8	135.3	133.5	30.1	32.7	30.1	29.3	29.0
Cherkasy	168.3	138.9	139.8	125.1	121.0	35.2	29.1	30.9	28.1	27.4
Chernivtsi	126.3	97.7	101.8	89.8	82.8	40.4	31.3	32.1	28.2	26.0
Chernihiv	135.5	129.0	120.8	115.3	116.6	31.7	31.4	31.6	30.8	31.4
City of Kyiv	268.0	272.4	267.6	256.8	253.2	28.3	27.4	26.4	25.5	25.0
City of Sevastopol	24.2	41.5	35.9	36.4	31.6	24.5	30.8	26.4	27.2	23.7

Table 5.11. continued

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Urban settlements										
Ukraine	8,996.4	9,651.8	9,213.3	8,772.4	8,687.7	36.1	38.7	37.9	36.7	36.6
Autonomous Republic of Crimea	396.0	361.8	350.8	338.3	335.7	37.2	37.2	37.3	36.6	36.6
oblasts										
Vinnitsia	194.5	251.5	258.0	247.4	254.7	31.7	40.2	41.2	39.7	41.1
Volyn	147.5	165.7	175.7	171.5	171.3	37.5	41.9	43.6	42.5	42.4
Dnipropetrovsk	819.1	879.0	753.1	708.4	683.4	35.7	38.8	35.0	33.8	32.9
Donetsk	1,206.7	1,234.5	1,130.9	1,058.4	1,042.8	35.6	37.6	36.6	35.2	35.2
Zhytomyr	222.5	230.1	233.2	223.6	220.7	38.2	39.5	41.1	39.8	39.4
Zakarpattia	119.3	116.8	108.9	104.1	98.4	34.4	33.4	31.4	30.1	28.5
Zaporizhia	414.4	428.8	406.8	374.5	370.2	36.5	38.2	37.7	35.5	35.4
Ivano-Frankivsk	154.7	192.1	201.2	196.2	194.4	35.2	42.9	44.3	43.2	42.8
Kyiv	254.5	304.9	303.6	306.9	312.8	32.3	37.2	37.3	37.8	38.6
Kirovohrad	178.3	191.0	179.4	168.4	168.6	34.6	37.7	37.3	35.7	36.1
Luhansk	712.2	693.2	621.8	590.9	572.8	41.5	41.9	40.2	39.3	38.6
Lviv	412.2	480.2	464.0	444.8	437.6	35.2	40.8	39.4	38.0	37.5
Mykolaiv	235.5	243.3	240.1	221.9	219.1	36.6	37.8	38.4	36.2	36.0
Odesa	477.1	506.9	484.2	453.6	462.4	38.1	40.6	39.3	37.4	38.3
Poltava	268.6	272.2	261.8	255.4	258.8	37.1	37.5	37.3	37.0	37.8
Rivne	153.8	157.6	180.0	180.7	177.1	37.8	37.7	42.6	42.8	42.1
Sumy	226.9	231.7	214.5	222.5	228.6	35.2	36.4	34.9	36.9	38.2
Ternopil	134.0	185.1	153.3	147.2	146.8	36.7	50.4	41.9	40.4	40.4
Kharkiv	640.1	714.6	641.9	602.7	602.1	36.2	40.1	37.1	35.5	35.5
Kherson	190.6	222.6	218.2	210.6	203.0	35.1	41.7	42.5	42.0	40.9
Khmelnysk	189.1	211.7	231.4	209.7	207.4	34.5	37.8	41.0	37.3	37.0
Cherkasy	217.5	207.3	212.7	200.2	197.7	38.3	36.0	37.8	36.2	36.0
Chernivtsi	100.4	128.8	176.6	155.1	147.2	35.9	45.2	60.5	52.6	49.8
Chernihiv	188.5	211.9	209.2	197.4	196.0	34.4	38.8	39.3	37.6	37.6
City of Kyiv	680.9	721.9	709.4	690.0	687.3	33.8	33.8	32.5	31.8	31.6
City of Sevastopol	61.5	106.6	92.6	92.0	90.8	33.5	38.0	33.7	34.1	33.8

Table 5.11. continued

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, %				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Rural areas										
Ukraine	4,322.0	3,907.9	3,362.2	3,282.9	3,174.0	38.5	35.9	32.5	32.3	31.5
Autonomous Republic of Crimea	232.2	221.8	180.3	162.7	159.4	42.0	39.0	32.5	29.7	29.3
oblasts										
Vinnitsia	160.9	228.5	178.3	174.3	157.8	24.3	36.3	30.7	30.7	28.1
Volyn	62.9	109.9	95.6	93.4	91.4	17.6	31.2	27.9	27.2	26.7
Dnipropetrovsk	169.8	148.6	142.5	145.9	143.4	39.3	34.9	35.4	37.1	36.9
Donetsk	148.3	121.2	104.7	91.3	87.8	42.5	36.0	33.6	30.1	29.5
Zhytomyr	162.6	122.9	88.0	95.8	93.0	38.0	30.5	23.5	26.1	25.6
Zakarpattia	216.9	209.4	231.1	237.8	238.3	38.8	36.8	40.2	41.2	41.2
Zaporizhia	134.7	117.7	89.1	97.2	90.5	39.7	35.5	28.9	32.5	30.6
Ivano-Frankivsk	203.3	248.6	235.2	222.8	214.0	35.6	44.0	42.0	39.8	38.2
Kyiv	246.9	197.4	171.8	163.3	153.4	44.0	37.3	35.9	35.0	33.1
Kirovohrad	141.5	117.4	105.4	98.2	90.4	44.8	38.8	37.9	36.6	34.3
Luhansk	127.6	66.8	61.4	56.3	51.0	49.1	26.7	26.7	25.4	23.4
Lviv	254.9	259.9	238.1	249.0	251.4	34.2	35.6	33.3	34.9	35.3
Mykolaiv	127.7	103.9	82.4	89.5	85.7	41.7	34.7	29.1	32.3	31.3
Odesa	225.9	256.0	219.5	213.1	198.5	37.5	42.7	37.5	36.7	34.4
Poltava	179.9	166.7	150.1	132.2	125.8	38.1	36.5	35.5	32.2	31.0
Rivne	184.9	167.0	119.5	104.9	107.5	43.6	40.0	29.2	25.6	26.2
Sumy	133.3	116.2	116.9	76.8	71.0	41.7	38.4	42.7	29.0	27.3
Ternopil	208.1	155.2	159.7	156.4	152.7	46.0	35.2	37.2	36.7	35.9
Kharkiv	116.7	118.8	129.7	115.9	113.2	25.9	27.0	31.8	29.2	28.9
Kherson	138.7	98.3	77.2	79.5	77.5	40.4	29.2	24.4	25.5	25.1
Khmelnysk	193.6	158.8	115.1	133.4	130.2	39.7	35.1	27.5	32.8	32.5
Cherkasy	198.7	166.4	126.9	129.1	123.6	43.8	37.8	31.3	32.7	31.7
Chernivtsi	205.6	134.0	71.9	92.4	97.4	54.0	35.3	19.2	24.7	26.2
Chernihiv	130.2	92.1	65.0	66.3	63.4	36.3	28.8	23.4	25.0	24.4
City of Kyiv	–	–	–	–	–	–	–	–	–	–
City of Sevastopol	16.2	4.4	6.8	5.4	5.7	50.0	25.9	38.6	30.9	32.6

5.12. Economically active population, by sex, place of residence and level of education

	Economically active population aged 15-70, thsd. prs.							Economic activity rate, in % to population of relevant level of education							
	Total	including by level of education						Total	of which by level of education						
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated	
Total population															
2000	22,830.8	4,328.3	4,733.5	5,556.8	5,688.6	2,141.0	382.6	63.2	81.1	77.2	79.1	59.6	34.5	20.2	
2005	22,280.8	4,687.2	447.6	4,934.4	9,600.3	2,374.0	237.3	62.2	79.9	56.2	71.5	64.1	38.5	21.0	
2010	22,051.6	5,693.0	231.4	4,528.1	9,895.3	1,604.2	99.6	63.7	79.1	54.3	71.9	61.8	39.3	16.3	
2012	22,011.5	6,121.5	204.2	4,455.4	10,043.6	1,142.0	44.8	64.6	78.7	51.1	70.5	63.0	35.0	11.9	
2013	21,980.6	6,116.8	205.2	4,549.0	10,037.4	1,031.8	40.4	65.0	78.4	49.0	70.9	63.2	34.4	12.4	
Women															
2000	11,155.3	2,231.4	2,935.8	2,148.8	2,619.7	1,009.9	209.7	58.4	78.4	74.7	73.2	53.8	30.8	17.1	
2005	10,813.8	2,477.2	245.2	2,865.3	4,038.3	1,048.3	139.5	57.0	76.4	52.9	68.1	56.1	33.1	20.4	
2010	10,694.8	3,046.6	130.8	2,704.9	4,043.9	714.6	54.0	58.4	75.7	52.5	68.2	53.1	33.9	15.7	
2012	10,524.8	3,259.5	113.2	2,619.8	3,990.6	518.6	23.1	58.6	74.3	50.3	66.2	53.2	30.7	11.3	
2013	10,500.9	3,234.3	98.5	2,683.5	3,991.6	469.4	23.6	58.9	73.6	43.0	66.7	53.6	30.3	13.2	
Men															
2000	11,675.5	2,096.9	1,797.7	3,408.0	3,068.9	1,131.1	172.9	68.5	84.1	81.7	83.3	65.6	38.8	25.7	
2005	11,467.0	2,210.0	202.4	2,069.1	5,562.0	1,325.7	97.8	67.9	84.1	60.7	76.9	71.5	44.1	21.8	
2010	11,356.8	2,646.4	100.6	1,823.2	5,851.4	889.6	45.6	69.6	83.5	56.9	78.1	69.7	45.0	17.0	
2012	11,486.7	2,862.0	91.0	1,835.6	6,053.0	623.4	21.7	71.3	84.5	52.2	77.8	71.7	39.6	12.6	
2013	11,479.7	2,882.5	106.7	1,865.5	6,045.8	562.4	16.8	71.6	84.6	56.4	77.9	71.7	38.7	11.4	
Urban settlements															
2000	15,936.2	3,713.6	3,676.1	4,024.1	3,631.9	807.6	82.9	63.9	81.1	76.9	79.5	55.8	24.7	11.5	
2005	15,293.8	4,100.4	266.1	3,997.3	6,010.1	892.9	27.0	61.3	79.5	48.7	70.3	60.6	28.1	5.9	
2010	15,083.9	4,959.7	151.3	3,495.8	5,902.2	554.5	20.4	62.1	78.6	48.0	69.9	57.0	27.6	6.8	
2012	15,132.9	5,308.6	144.1	3,363.2	5,908.1	392.9	16.0	63.3	78.3	46.7	68.2	58.7	24.3	8.1	
2013	15,072.6	5,304.4	145.8	3,419.5	5,844.8	343.5	14.6	63.4	77.9	46.8	68.5	58.4	23.3	9.0	
Rural areas															
2000	6,894.6	614.7	1,057.4	1,532.7	2,056.7	1,333.4	299.7	61.5	81.0	78.3	78.0	67.7	45.6	25.5	
2005	6,987.0	586.8	181.5	937.1	3,590.2	1,481.1	210.3	64.1	82.8	72.4	77.5	71.0	49.4	31.1	
2010	6,967.7	733.3	80.1	1,032.3	3,993.1	1,049.7	79.2	67.5	82.7	72.6	79.6	70.7	50.6	25.2	
2012	6,878.6	812.9	60.1	1,092.2	4,135.5	749.1	28.8	67.7	81.9	66.0	78.7	70.5	45.6	16.2	
2013	6,908.0	812.4	59.4	1,129.5	4,192.6	688.3	25.8	68.5	81.8	55.6	79.4	71.4	45.1	15.8	

5.13. Economically active population aged 15-64, by sex, place of residence and level of education

	Economically active population aged 15-64, thsd. prs.							Economic activity rate, in % to population of relevant level of education							
	Total	including by level of education						Total	of which by level of education						
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated	
Total population															
2000	22,440.1	4,278.9	4,706.8	5,533.6	5,641.3	2,028.8	250.7	67.0	84.2	79.8	80.9	61.4	36.7	25.6	
2005	21,649.1	4,597.2	442.5	4,862.5	9,448.1	2,170.6	128.2	66.4	84.1	56.8	75.4	67.0	42.1	19.9	
2010	21,548.8	5,617.2	230.2	4,462.8	9,730.2	1,439.3	69.1	67.1	81.9	54.8	75.3	64.7	42.4	14.3	
2012	21,636.5	6,054.2	203.6	4,405.5	9,895.2	1,046.4	31.6	67.6	81.5	51.4	73.5	65.7	37.1	10.6	
2013	21,621.7	6,058.2	204.3	4,502.8	9,880.1	944.7	31.6	67.9	81.1	49.2	74.0	65.9	36.3	11.4	
Women															
2000	10,947.3	2,212.5	2,923.2	2,144.8	2,597.0	946.7	123.1	62.6	81.4	77.1	75.0	55.7	32.9	20.7	
2005	10,470.6	2,444.2	242.5	2,824.6	3,966.1	929.1	64.1	61.7	80.4	53.6	72.1	59.2	36.7	19.1	
2010	10,401.4	3,010.5	130.1	2,667.6	3,955.8	605.1	32.3	62.1	78.4	52.8	71.8	56.1	36.8	13.2	
2012	10,308.3	3,224.3	112.5	2,588.9	3,914.6	453.2	14.8	61.9	77.0	50.5	69.3	56.1	32.7	9.9	
2013	10,296.5	3,204.8	98.1	2,654.9	3,911.5	410.6	16.6	62.1	76.3	43.2	69.9	56.4	32.2	11.8	
Men															
2000	11,492.8	2,066.4	1,783.6	3,388.8	3,044.3	1,082.1	127.6	71.8	87.4	84.5	85.1	67.3	40.9	33.2	
2005	11,178.5	2,153.0	200.0	2,037.9	5,482.0	1,241.5	64.1	71.6	88.7	61.3	80.6	74.1	47.4	20.7	
2010	11,147.4	2,606.7	100.1	1,795.2	5,774.4	834.2	36.8	72.4	86.4	57.6	81.0	72.2	47.6	15.6	
2012	11,328.2	2,829.9	91.1	1,816.6	5,980.6	593.2	16.8	73.9	87.2	52.5	80.5	74.1	41.3	11.2	
2013	11,325.2	2,853.4	106.2	1,847.9	5,968.6	534.1	15.0	74.1	87.3	56.4	80.8	74.0	40.2	11.0	
Urban settlements															
2000	15,789.6	3,672.5	3,657.5	4,010.1	3,606.6	780.7	62.2	67.4	84.2	79.6	81.4	57.8	26.8	16.4	
2005	15,069.4	4,026.1	265.2	3,946.2	5,957.9	854.8	19.2	65.8	83.8	49.2	74.4	64.0	32.3	6.5	
2010	14,927.7	4,901.6	151.1	3,458.5	5,860.1	539.4	17.0	65.8	81.5	48.1	73.5	60.3	31.8	6.7	
2012	14,991.9	5,253.8	143.6	3,332.1	5,864.8	383.4	14.2	66.5	81.1	46.8	71.5	61.8	26.9	8.4	
2013	14,939.5	5,256.5	145.7	3,391.3	5,800.4	331.6	14.0	66.7	80.8	47.0	71.9	61.6	25.4	9.5	
Rural areas															
2000	6,650.5	606.4	1,049.3	1,523.5	2,034.7	1,248.1	188.5	65.8	84.3	80.5	79.4	69.0	47.7	31.4	
2005	6,579.7	571.1	177.3	916.3	3,490.2	1,315.8	109.0	67.9	86.0	74.1	80.0	73.0	52.5	31.2	
2010	6,621.1	715.6	79.1	1,004.3	3,870.1	899.9	52.1	70.2	85.4	74.5	82.1	72.6	52.8	22.6	
2012	6,644.6	800.4	60.0	1,073.4	4,030.4	663.0	17.4	70.2	84.1	67.0	80.5	72.4	47.5	13.4	
2013	6,682.2	801.7	58.6	1,111.5	4,079.7	613.1	17.6	70.8	83.5	55.7	81.4	73.1	47.2	13.5	

5.14. Employed population, by sex, place of residence and level of education

	Employed aged 15-70, thsd. prs.							Employment rate, in % to population of relevant level of education							
	Total	including by level of education						Total	of which by level of education						
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated	
Total population															
2000	20,175.0	4,003.1	4,173.3	4,744.0	4,960.7	1,926.8	367.1	55.8	75.0	68.1	67.5	51.9	31.1	19.3	
2005	20,680.0	4,489.4	414.7	4,591.5	8,748.0	2,204.3	232.1	57.7	76.5	52.0	66.6	58.4	35.7	20.5	
2010	20,266.0	5,303.1	197.5	4,190.9	8,998.2	1,476.8	99.5	58.5	73.7	46.4	66.5	56.2	36.2	16.2	
2012	20,354.3	5,688.1	177.8	4,172.6	9,204.5	1,069.3	42.0	59.7	73.2	44.5	66.0	57.8	32.8	11.2	
2013	20,404.1	5,715.9	182.7	4,229.9	9,275.9	960.7	39.0	60.3	73.3	43.7	65.9	58.4	32.0	12.0	
Women															
2000	9,856.9	2,053.9	2,583.4	1,802.1	2,286.3	925.6	205.6	51.6	72.2	65.7	61.4	46.9	28.2	16.8	
2005	10,075.5	2,377.3	232.5	2,662.7	3,676.3	989.9	136.8	53.1	73.3	50.2	63.3	51.1	31.2	20.0	
2010	9,965.6	2,851.3	111.0	2,530.2	3,743.5	675.7	53.9	54.4	70.8	44.6	63.8	49.1	32.1	15.7	
2012	9,846.3	3,048.4	98.2	2,479.4	3,701.1	496.7	22.5	54.8	69.5	43.6	62.6	49.4	29.4	11.0	
2013	9,847.6	3,029.1	90.0	2,512.3	3,751.5	441.4	23.3	55.3	68.9	39.2	62.4	50.4	28.5	13.0	
Men															
2000	10,318.1	1,949.2	1,589.9	2,941.9	2,674.4	1,001.2	161.5	60.5	78.2	72.3	71.9	57.2	34.3	24.0	
2005	10,604.5	2,112.1	182.2	1,928.8	5,071.7	1,214.4	95.3	62.8	80.4	54.6	71.6	65.2	40.4	21.3	
2010	10,300.4	2,451.8	86.5	1,660.7	5,254.7	801.1	45.6	63.1	77.3	48.9	71.1	62.6	40.5	17.0	
2012	10,508.0	2,639.7	79.6	1,693.2	5,503.4	572.6	19.5	65.2	78.0	45.6	71.8	65.2	36.4	11.4	
2013	10,556.5	2,686.8	92.7	1,717.6	5,524.4	519.3	15.7	65.9	78.8	49.0	71.8	65.5	35.7	10.6	
Urban settlements															
2000	13,745.7	3,413.8	3,186.6	3,352.2	3,058.9	658.6	75.6	55.1	74.5	66.7	66.2	47.0	20.1	10.5	
2005	14,093.9	3,918.7	240.2	3,712.0	5,400.4	796.5	26.1	56.5	75.9	44.0	65.3	54.5	25.1	5.7	
2010	13,791.8	4,608.9	126.2	3,227.4	5,315.0	493.9	20.4	56.8	73.1	40.0	64.5	51.3	24.6	6.8	
2012	13,983.6	4,929.8	125.3	3,157.5	5,395.5	362.3	13.2	58.5	72.7	40.6	64.0	53.6	22.4	6.6	
2013	13,998.2	4,965.5	131.0	3,176.3	5,400.3	311.6	13.5	58.9	72.9	42.0	63.6	54.0	21.1	8.3	
Rural areas															
2000	6,429.3	589.3	986.7	1,391.8	1,901.8	1,268.2	291.5	57.3	77.6	73.1	70.8	62.6	43.3	24.8	
2005	6,586.1	570.7	174.5	879.5	3,347.6	1,407.8	206.0	60.5	80.5	69.6	72.8	66.2	47.0	30.5	
2010	6,474.2	694.2	71.3	963.5	3,683.2	982.9	79.1	62.7	78.3	64.6	74.3	65.2	47.4	25.2	
2012	6,370.7	758.3	52.5	1,015.1	3,809.0	707.0	28.8	62.7	76.4	57.7	73.2	64.9	43.0	16.2	
2013	6,405.9	750.4	51.7	1,053.6	3,875.6	649.1	25.5	63.5	75.5	48.4	74.0	66.0	42.6	15.6	

5.15. Employed population aged 15-64, by sex, place of residence and level of education

	Employed aged 15-64, thsd. prs.							Employment rate, in % to population of relevant level of education							
	Total	including by level of education						Total	of which by level of education						
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated	
Total population															
2000	19,786.3	3,953.9	4,147.2	4,721.0	4,913.7	1,815.2	235.3	59.0	77.8	70.3	69.0	53.5	32.8	24.1	
2005	20,049.0	4,399.4	409.6	4,520.2	8,595.8	2,000.9	123.1	61.5	80.5	52.6	70.1	61.0	38.8	19.1	
2010	19,763.2	5,227.3	196.3	4,125.6	8,833.1	1,311.9	69.0	61.5	76.2	46.7	69.6	58.7	38.6	14.3	
2012	19,979.3	5,620.8	177.2	4,122.7	9,056.1	973.7	28.8	62.4	75.6	44.7	68.8	60.2	34.5	9.6	
2013	20,045.2	5,657.3	181.8	4,183.7	9,118.6	873.6	30.2	62.9	75.7	43.8	68.8	60.8	33.6	10.9	
Women															
2000	9,650.2	2,035.2	2,571.3	1,798.2	2,263.7	862.7	119.1	55.1	74.9	67.9	62.9	48.6	30.0	20.0	
2005	9,732.7	2,344.4	229.8	2,622.3	3,604.0	870.7	61.5	57.3	77.1	50.8	66.9	53.8	34.4	18.3	
2010	9,672.2	2,815.2	110.3	2,493.0	3,655.4	566.1	32.2	57.8	73.3	44.8	67.1	51.9	34.4	13.1	
2012	9,629.8	3,013.2	97.6	2,448.5	3,625.0	431.3	14.2	57.8	72.0	43.8	65.6	51.9	31.1	9.5	
2013	9,643.2	2,999.6	89.6	2,483.7	3,671.4	382.6	16.3	58.2	71.4	39.5	65.4	53.0	30.0	11.6	
Men															
2000	10,136.1	1,918.7	1,575.9	2,922.8	2,650.0	952.5	116.2	63.3	81.1	74.6	73.4	58.6	36.0	30.2	
2005	10,316.3	2,055.0	179.8	1,897.9	4,991.8	1,130.2	61.6	66.1	84.6	55.1	75.0	67.5	43.1	19.9	
2010	10,091.0	2,412.1	86.0	1,632.6	5,177.7	745.8	36.8	65.6	79.9	49.5	73.7	64.8	42.6	15.6	
2012	10,349.5	2,607.6	79.6	1,674.2	5,431.1	542.4	14.6	67.5	80.4	45.9	74.2	67.3	37.8	9.7	
2013	10,402.0	2,657.7	92.2	1,700.0	5,447.2	491.0	13.9	68.1	81.3	49.0	74.3	67.5	36.9	10.2	
Urban settlements															
2000	13,600.7	3,372.7	3,168.6	3,338.5	3,033.9	632.2	54.8	58.1	77.3	68.9	67.8	48.7	21.7	14.5	
2005	13,870.0	3,844.4	239.3	3,661.3	5,348.1	758.6	18.3	60.6	80.0	44.4	69.1	57.4	28.6	6.2	
2010	13,635.6	4,550.8	126.1	3,190.1	5,272.9	478.7	17.0	60.1	75.6	40.2	67.8	54.3	28.2	6.7	
2012	13,842.6	4,875.0	124.8	3,126.4	5,352.2	352.8	11.4	61.4	75.2	40.7	67.1	56.4	24.7	6.7	
2013	13,865.1	4,917.7	130.8	3,148.1	5,355.9	299.7	12.9	61.9	75.6	42.2	66.7	56.8	23.0	8.8	
Rural areas															
2000	6,185.6	581.2	978.6	1,382.5	1,879.8	1,183.0	180.5	61.2	80.8	75.1	72.1	63.7	45.3	30.1	
2005	6,179.0	555.0	170.3	858.9	3,247.7	1,242.3	104.8	63.8	83.6	71.2	75.0	67.9	49.6	30.0	
2010	6,127.6	676.5	70.2	935.5	3,560.2	833.2	52.0	65.0	80.7	66.1	76.5	66.8	48.9	22.6	
2012	6,136.7	745.8	52.4	996.3	3,703.9	620.9	17.4	64.9	78.4	58.5	74.7	66.6	44.5	13.4	
2013	6,180.1	739.6	51.0	1,035.6	3,762.7	573.9	17.3	65.5	77.0	48.5	75.8	67.5	44.2	13.3	

5.16. Employed population, by type of economic activity

(thsd. prs.)

	2012		2013	
	total	including employees of enterprises, establishments, organizations	total	including employees of enterprises, establishments, organizations
Employed, total¹	20,354.3	12,181.3	20,404.1	11,700.5
Agriculture, forestry and fishing	3,496.0	741.8	3,577.5	661.4
Industry	3,345.6	2,950.2	3,274.8	2,824.6
Construction	884.9	418.6	888.8	381.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	4,441.7	1,231.8	4,556.2	1,166.2
Transportation and storage	1,208.7	875.8	1,221.2	857.9
Accommodation and food service activities	355.9	137.3	357.8	134.7
Information and communication	310.2	217.8	312.2	219.9
Financial and insurance activities	327.9	319.0	318.1	306.1
Real estate activities	340.9	230.1	332.3	205.2
Professional, scientific and technical activities	539.4	430.6	527.4	412.1
Administrative and support service activities	368.0	304.6	367.6	301.3
Public administration and defence, compulsory social security	1,066.1 ²	1,066.1 ²	1,025.3	1,025.3
Education	1,713.0	1,696.4	1,690.9	1,669.4
Human health and social work activities	1,268.9	1,240.1	1,256.7	1,225.3
Arts, entertainment and recreation	239.7	208.9	240.7	202.2
Other types of economic activity	447.4	112.2	456.6	107.5

¹ Methodology of indicator provides a definition of population employment by the place of its residence. The distribution of the total employed population by type of economic activity is made through a complex estimate based on integration of different sources. Employees of enterprises, institutions and organizations are recorded by place of labour application i.e. by the location of the enterprise or its structural unit and are classified according to the relevant type of economic activity.

² Including a number of temporary employee who in 2012 were involved in the preparation and conduction of elections to the Verkhovna Rada of Ukraine, is considered. According to the methodology, the indicated number of employed is calculated as an average for the year.

5.17. Population engaged in informal economy sector, by sex, place of residence and status in employment

	Population engaged in informal economy sector		including			
	total, thsd. prs.	in percentage to the total number of employed	employees		self-employed	
			total, thsd. prs.	in percentage to the total number of employed of relevant status	total, thsd. prs.	in percentage to the total number of employed of relevant status
	average per year					
Total population						
2005	4,436.3	21.5	1,260.7	7.5	3,175.6	84.3
2010	4,649.2	22.9	1,600.2	9.7	3,049.0	79.6
2012	4,651.6	22.9	1,604.2	9.7	3,047.4	79.8
2013	4,805.9	23.6	1,648.9	10.0	3,157.0	80.9
Women						
2005	2,190.0	21.7	464.5	5.7	1,725.5	88.4
2010	2,165.3	21.7	526.1	6.6	1,639.2	84.1
2012	2,131.6	21.6	515.1	6.5	1,616.5	84.1
2013	2,172.8	22.1	530.5	6.7	1,642.3	84.9
Men						
2005	2,246.3	21.2	796.2	9.1	1,450.1	79.9
2010	2,483.9	24.1	1,074.1	12.8	1,409.8	74.9
2012	2,520.0	24.0	1,089.1	12.7	1,430.9	75.3
2013	2,633.1	24.9	1,118.4	13.0	1,514.7	77.0
Urban settlements						
2005	1,310.9	9.3	910.1	6.9	400.8	44.5
2010	1,564.0	11.3	1,082.2	8.6	481.8	41.7
2012	1,622.9	11.6	1,076.0	8.4	546.9	44.8
2013	1,684.6	12.0	1,105.9	8.7	578.7	47.6
Rural areas						
2005	3,125.4	47.5	350.6	9.4	2,774.8	96.8
2010	3,085.2	47.7	518.0	13.6	2,567.2	95.9
2012	3,028.7	47.5	528.2	14.0	2,500.5	96.2
2013	3,121.3	48.7	543.0	14.6	2,578.3	96.0

5.18. Population engaged in the informal economy sector, by sex, place of residence and age group

	Total, thsd. prs.	including by age group (years), %							Working age, %	Over working age, %	
		15-24	25-29	30-34	35-39	40-49	50-59	60-70			
average per year											
Total population											
2005	4,436.3	16.8	10.5	9.9	9.6	20.1	15.4	17.7	78.2	21.8	
2010	4,649.2	15.6	10.8	10.3	10.0	20.3	18.3	14.7	80.6	19.4	
2012	4,651.6	13.4	12.2	10.3	10.7	20.0	19.7	13.7	82.5	17.5	
2013	4,805.9	11.9	12.1	10.7	10.9	19.9	20.6	13.9	82.9	17.7	
Women											
2005	2,190.0	14.6	9.4	9.2	8.7	19.4	17.3	21.4	70.4	29.6	
2010	2,165.3	13.2	9.1	8.8	9.3	19.7	21.1	18.8	71.0	29.0	
2012	2,131.6	11.8	10.0	8.9	9.8	19.9	21.9	17.7	74.1	25.9	
2013	2,172.8	10.6	10.1	9.3	9.6	19.4	23.4	17.6	75.5	24.5	
Men											
2005	2,246.3	19.0	11.5	10.7	10.4	20.7	13.6	14.1	85.9	14.1	
2010	2,483.9	17.7	12.4	11.58	10.7	20.9	15.8	11.0	89.0	11.0	
2012	2,520.0	14.8	14.1	11.4	11.5	20.1	17.7	10.4	89.6	10.4	
2013	2,633.1	12.9	13.7	11.8	11.9	20.4	18.4	10.9	89.1	10.9	
Urban settlements											
2005	1,310.9	17.7	14.3	12.7	12.3	23.6	12.9	6.5	91.0	9.0	
2010	1,564.0	14.2	14.7	13.2	12.3	23.3	16.4	5.9	90.9	9.1	
2012	1,622.9	11.8	16.2	11.9	12.6	21.8	18.3	7.4	89.9	10.1	
2013	1,684.6	9.8	15.0	13.6	12.9	21.0	19.2	8.5	89.2	10.8	
Rural areas											
2005	3,125.4	16.5	8.9	8.7	8.4	18.6	16.5	22.4	72.9	27.1	
2010	3,085.2	16.4	8.9	8.8	8.9	18.7	19.2	19.1	75.4	24.6	
2012	3,028.7	14.3	10.1	9.4	9.7	19.0	20.4	17.1	78.5	21.5	
2013	3,121.3	12.9	10.5	9.1	9.8	19.3	21.5	16.9	79.5	20.5	

5.19. Participation rate of population in informal economy sector, by sex, place of residence and age group

(in percent to the employed of relevant age group)

	Total	of which by age group (years)							Working age	Over working age	
		15-24	25-29	30-34	35-39	40-49	50-59	60-70			
Total population											
2005	21,5	29,1	18,1	17,2	17,1	15,7	19,1	62,5	18,4	53,9	
2010	22,9	33,2	18,8	18,5	18,1	18,4	21,5	59,0	20,3	49,3	
2012	22,9	31,3	20,0	18,1	18,9	18,5	22,3	56,0	20,5	50,3	
2013	23,6	31,1	20,3	18,8	19,7	19,2	23,6	58,7	21,1	54,6	
Women											
2005	21,7	28,7	17,8	16,9	15,6	14,4	21,4	69,7	17,4	53,7	
2010	21,7	30,5	16,4	15,7	15,8	15,9	22,8	63,0	17,8	47,6	
2012	21,6	29,7	17,3	15,8	16,4	16,3	22,7	60,4	18,1	50,1	
2013	22,1	29,4	17,8	16,4	16,3	16,4	23,9	62,0	18,5	54,5	
Men											
2005	21,2	29,4	18,4	17,6	18,6	17,1	16,8	54,3	19,3	54,3	
2010	24,1	35,2	20,7	21,0	20,4	21,2	20,1	53,8	22,6	53,8	
2012	24,0	32,4	22,2	20,1	21,4	20,9	22,0	50,7	22,6	50,7	
2013	24,9	32,4	22,3	20,9	22,8	22,2	23,3	54,8	23,4	54,8	
Urban settlements											
2005	9,3	13,6	10,1	9,3	9,4	7,7	6,7	16,3	9,0	13,5	
2010	11,3	16,8	11,5	11,0	10,6	10,3	9,5	18,0	11,1	14,9	
2012	11,6	15,8	12,5	10,0	10,8	10,2	10,5	21,5	11,1	18,9	
2013	12,0	15,1	12,1	11,3	11,3	10,2	11,3	25,9	11,4	23,6	
Rural areas											
2005	47,5	60,1	39,0	35,7	34,3	34,7	47,8	95,8	40,2	92,7	
2010	47,7	58,3	40,4	38,4	36,4	36,5	47,7	91,7	41,5	86,8	
2012	47,5	55,4	41,3	40,7	39,1	37,2	48,6	89,1	42,3	86,3	
2013	48,7	54,7	42,7	41,0	41,0	39,4	49,9	89,7	43,7	87,5	

5.20. Population engaged in informal economy sector, by sex, place of residence and level of education

	Total, thsd. prs.	including by level of education, %					
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated
		average per year					
Total population							
2005	4,436.3	5.1	1.6	13.5	51.1	24.1	4.6
2010	4,649.2	6.7	0.7	12.6	60.2	17.9	1.9
2012	4,651.6	7.5	0.5	13.3	64.3	13.6	0.8
2013	4,805.9	7.6	0.6	13.7	65.2	12.2	0.7
Women							
2005	2,190.0	4.8	1.8	15.4	47.4	24.9	5.7
2010	2,165.3	7.0	0.8	15.3	55.4	19.2	2.3
2012	2,131.6	7.4	0.7	16.3	59.7	14.9	1.0
2013	2,172.8	7.6	0.7	16.8	60.9	13.0	1.0
Men							
2005	2,246.3	5.4	1.4	11.7	54.8	23.3	3.4
2010	2,483.9	6.5	0.6	10.3	64.3	16.7	1.6
2012	2,520.0	7.5	0.4	10.8	68.2	12.4	0.7
2013	2,633.1	7.6	0.6	11.0	68.8	11.5	0.5
Urban settlements							
2005	1,310.9	8.1	1.3	23.3	53.3	13.0	1.0
2010	1,564.0	12.1	0.7	18.9	59.2	8.3	0.8
2012	1,622.9	13.1	0.6	18.6	60.3	6.8	0.6
2013	1,684.6	13.3	1.0	19.4	59.8	5.9	0.6
Rural areas							
2005	3,125.4	3.9	1.7	9.4	50.2	28.8	6.0
2010	3,085.2	4.0	0.7	9.4	60.7	22.7	2.5
2012	3,028.7	4.5	0.5	10.4	66.4	17.2	1.0
2013	3,121.3	4.5	0.5	10.5	68.1	15.6	0.8

5.21. Participation rate of population in informal economy sector, by sex, place of residence and level of education

(in percent to the employed of relevant level of education)

	Total	of which by level of education					
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated
Total population							
2005	21.5	5.1	16.8	13.1	25.9	48.6	86.9
2010	22.9	5.9	16.7	14.0	31.1	56.3	89.4
2012	22.9	6.1	14.3	14.8	32.5	59.0	90.5
2013	23.6	6.4	17.0	15.5	33.8	61.1	86.7
Women							
2005	21.7	4.4	16.7	12.7	28.2	55.2	91.0
2010	21.7	5.3	16.5	13.0	32.1	61.4	93.5
2012	21.6	5.2	15.2	14.0	34.4	64.0	92.9
2013	22.1	5.4	17.3	14.5	35.3	64.2	91.0
Men							
2005	21.2	5.8	16.8	13.6	24.2	43.2	81.1
2010	24.1	6.6	16.9	15.4	30.4	51.9	84.6
2012	24.0	7.2	13.3	16.0	31.2	54.6	87.7
2013	24.9	7.4	16.7	17.0	32.8	58.4	80.3
Urban settlements							
2005	9.3	2.7	7.1	8.2	12.9	21.3	51.0
2010	11.3	4.1	8.4	9.2	17.4	26.4	63.7
2012	11.6	4.3	7.8	9.6	18.1	30.3	73.5
2013	12.0	4.5	12.4	10.3	18.7	31.7	69.6
Rural areas							
2005	47.5	21.1	30.1	33.4	46.9	64.0	91.5
2010	47.7	17.7	31.3	30.1	50.9	71.3	96.1
2012	47.5	18.0	29.9	31.1	52.8	73.7	98.3
2013	48.7	18.6	28.6	31.2	54.9	75.2	95.7

5.22. Unemployed population, by sex, place of residence and level of education

	Unemployed aged 15-70, thsd. prs.							Unemployment rate, in% to population of relevant level of education							
	Total	including by level of education						Total	of which by level of education						
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated	
Total population															
2000	2,655.8	325.2	560.2	812.8	727.9	214.2	15.5	11.6	7.5	11.8	14.6	12.8	10.0	4.1	
2005	1,600.8	197.8	32.9	342.9	852.3	169.7	5.2	7.2	4.2	7.4	6.9	8.9	7.1	2.2	
2010	1,785.6	389.9	33.9	337.2	897.1	127.4	:	8.1	6.8	14.6	7.4	9.1	7.9	:	
2012	1,657.2	433.4	26.4	282.8	839.1	72.7	:	7.5	7.1	12.9	6.3	8.4	6.4	:	
2013	1,576.5	400.9	22.5	319.1	761.5	71.1	:	7.2	6.6	11.0	7.0	7.6	6.9	:	
Women															
2000	1,298.4	177.5	352.4	346.7	333.4	84.3	4.1	11.6	8.0	12.0	16.1	12.7	8.3	2.0	
2005	738.3	99.9	12.7	202.6	362.0	58.4	2.7	6.8	4.0	5.2	7.1	9.0	5.6	1.9	
2010	729.2	195.3	19.8	174.7	300.4	38.9	:	6.8	6.4	15.1	6.5	7.4	5.4	:	
2012	678.5	211.1	15.0	140.4	289.5	21.9	:	6.4	6.5	13.3	5.4	7.3	4.2	:	
2013	653.3	205.2	8.5	171.2	240.1	28.0	:	6.2	6.3	8.6	6.4	6.0	6.0	:	
Men															
2000	1,357.4	147.7	207.8	466.1	394.5	129.9	11.4	11.6	7.0	11.6	13.7	12.9	11.5	6.6	
2005	862.5	97.9	20.2	140.3	490.3	111.3	2.5	7.5	4.4	10.0	6.8	8.8	8.4	2.6	
2010	1,056.4	194.6	14.1	162.5	596.7	88.5	:	9.3	7.4	14.0	8.9	10.2	9.9	:	
2012	978.7	222.3	11.4	142.4	549.6	50.8	:	8.5	7.8	12.5	7.8	9.1	8.1	:	
2013	923.2	195.7	14.0	147.9	521.4	43.1	:	8.0	6.8	13.1	7.9	8.6	7.7	:	
Urban settlements															
2000	2,190.5	299.8	489.5	671.9	573.0	149.0	7.3	13.7	8.1	13.3	16.7	15.8	18.4	8.8	
2005	1,199.9	181.7	25.9	285.3	609.7	96.4	0.9	7.8	4.4	9.7	7.1	10.1	10.8	3.3	
2010	1,292.1	350.8	25.1	268.4	587.2	60.6	:	8.6	7.1	16.6	7.7	9.9	10.9	:	
2012	1,149.3	378.8	18.8	205.7	512.6	30.6	:	7.6	7.1	13.0	6.1	8.7	7.8	:	
2013	1,074.4	338.9	14.8	243.2	444.5	31.9	:	7.1	6.4	10.2	7.1	7.6	9.3	:	
Rural areas															
2000	465.3	25.4	70.7	140.9	154.9	65.2	8.2	6.7	4.1	6.7	9.2	7.5	4.9	2.7	
2005	400.9	16.1	7.0	57.6	242.6	73.3	4.3	5.7	2.7	3.9	6.1	6.8	4.9	2.0	
2010	493.5	39.1	8.8	68.8	309.9	66.8	:	7.1	5.3	11.0	6.7	7.8	6.4	:	
2012	507.9	54.6	7.6	77.1	326.5	42.1	:	7.4	6.7	12.6	7.1	7.9	5.6	:	
2013	502.1	62.0	7.7	75.9	317.0	39.2	:	7.3	7.6	13.0	6.7	7.6	5.7	:	

5.23. Unemployed population aged 15-64, by sex, place of residence and level of education

	Unemployed aged 15-64, thsd. prs.							Unemployment rate, in % to population of relevant level of education							
	Total	including by level of education						Total	of which by level of education						
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated	
Total population															
2000	2,653.8	325.0	559.6	812.6	727.6	213.6	15.4	11.8	7.6	11.9	14.7	12.9	10.5	6.1	
2005	1,600.1	197.8	32.9	342.3	852.3	169.7	5.1	7.4	4.3	7.4	7.0	9.0	7.8	4.0	
2010	1,785.6	389.9	33.9	337.2	897.1	127.4	:	8.3	6.9	14.7	7.6	9.2	8.9	:	
2012	1,657.2	433.4	26.4	282.8	839.1	72.7	:	7.7	7.2	13.0	6.4	8.5	6.9	:	
2013	1,576.5	400.9	22.5	319.1	761.5	71.1	:	7.3	6.6	11.0	7.1	7.7	7.5	:	
Women															
2000	1,297.1	177.3	351.9	346.6	333.3	84.0	4.0	11.8	8.0	12.0	16.2	12.8	8.9	3.2	
2005	737.9	99.8	12.7	202.3	362.1	58.4	2.6	7.0	4.1	5.2	7.2	9.1	6.3	4.1	
2010	729.2	195.3	19.8	174.6	300.4	39.0	:	7.0	6.5	15.2	6.5	7.6	6.4	:	
2012	678.5	211.1	14.9	140.4	289.6	21.9	:	6.6	6.5	13.2	5.4	7.4	4.8	:	
2013	653.3	205.2	8.5	171.2	240.1	28.0	:	6.3	6.4	8.7	6.4	6.1	6.8	:	
Men															
2000	1,356.7	147.7	207.7	466.0	394.3	129.6	11.4	11.8	7.1	11.6	13.8	13.0	12.0	8.9	
2005	862.2	98.0	20.2	140.0	490.2	111.3	2.5	7.7	4.6	10.1	6.9	8.9	9.0	3.9	
2010	1,056.4	194.6	14.1	162.6	596.7	88.4	:	9.5	7.5	14.1	9.1	10.3	10.6	:	
2012	978.7	222.3	11.5	142.4	549.5	50.8	:	8.6	7.9	12.6	7.8	9.2	8.6	:	
2013	923.2	195.7	14.0	147.9	521.4	43.1	:	8.2	6.9	13.2	8.0	8.7	8.1	:	
Urban settlements															
2000	2,188.9	299.8	488.9	671.6	572.7	148.5	7.4	13.9	8.2	13.4	16.7	15.9	19.0	11.9	
2005	1,199.4	181.7	25.9	284.9	609.8	96.2	0.9	8.0	4.5	9.8	7.2	10.2	11.3	4.7	
2010	1,292.1	350.8	25.0	268.4	587.2	60.7	:	8.7	7.2	16.5	7.8	10.0	11.3	:	
2012	1,149.3	378.8	18.8	205.7	512.6	30.6	:	7.7	7.2	13.1	6.2	8.7	8.0	:	
2013	1,074.4	338.8	14.9	243.2	444.5	31.9	:	7.2	6.4	10.2	7.2	7.7	9.6	:	
Rural areas															
2000	464.9	25.2	70.7	141.0	154.9	65.1	8.0	7.0	4.2	6.7	9.3	7.6	5.2	4.2	
2005	400.7	16.1	7.0	57.4	242.5	73.5	4.2	6.1	2.8	3.9	6.3	6.9	5.6	3.9	
2010	493.5	39.1	8.9	68.8	309.9	66.7	:	7.5	5.5	11.3	6.9	8.0	7.4	:	
2012	507.9	54.6	7.6	77.1	326.5	42.1	:	7.6	6.8	12.7	7.2	8.1	6.3	:	
2013	502.1	62.1	7.6	75.9	317.0	39.2	:	7.5	7.7	13.0	6.8	7.8	6.4	:	

5.24. Economically inactive population, by sex, place of residence and level of education

	Economically active population aged 15-70, thsd. prs.							Economic inactivity rate, in % to population of relevant level of education						
	Total	including by level of education					Total	of which by level of education						
		complete higher	basic higher	uncompleted higher	complete secondary	basic secondary		primary education or not educated	complete higher	basic higher	uncompleted higher	complete secondary	basic secondary	primary education or not educated
Total population														
2000	13,318.4	1,011.4	1,396.2	1,472.0	3,863.7	4,059.9	1,515.2	36.8	18.9	22.8	20.9	40.4	65.5	79.8
2005	13,559.7	1,181.7	349.4	1,962.3	5,373.3	3,799.4	893.6	37.8	20.1	43.8	28.5	35.9	61.5	79.0
2010	12,575.5	1,502.6	194.5	1,771.9	6,115.2	2,478.2	513.1	36.3	20.9	45.7	28.1	38.2	60.7	83.7
2012	12,055.3	1,652.7	195.2	1,864.1	5,890.0	2,121.9	331.4	35.4	21.3	48.9	29.5	37.0	65.0	88.1
2013	11,861.7	1,685.5	213.3	1,869.7	5,838.1	1,969.2	285.9	35.0	21.6	51.0	29.1	36.8	65.6	87.6
Women														
2000	7,937.4	614.8	994.5	787.2	2,253.4	2,272.9	1,014.6	41.6	21.6	25.3	26.8	46.2	69.2	82.9
2005	8,147.5	764.0	218.4	1,339.3	3,161.3	2,120.7	543.8	43.0	23.6	47.1	31.9	43.9	66.9	79.6
2010	7,611.4	978.0	118.3	1,261.0	3,572.8	1,391.3	290.0	41.6	24.3	47.5	31.8	46.9	66.1	84.3
2012	7,437.7	1,129.6	111.8	1,340.4	3,504.4	1,170.1	181.4	41.4	25.7	49.7	33.8	46.8	69.3	88.7
2013	7,314.2	1,159.8	130.8	1,341.7	3,448.6	1,078.3	155.0	41.1	26.4	57.0	33.3	46.4	69.7	86.8
Men														
2000	5,381.0	396.6	401.7	684.8	1,610.3	1,787.0	500.6	31.5	15.9	18.3	16.7	34.4	61.2	74.3
2005	5,412.2	417.7	131.0	623.0	2,212.0	1,678.7	349.8	32.1	15.9	39.3	23.1	28.5	55.9	78.2
2010	4,964.1	524.6	76.2	510.9	2,542.4	1,086.9	223.1	30.4	16.5	43.1	21.9	30.3	55.0	83.0
2012	4,617.6	523.1	83.4	523.7	2,385.6	951.8	150.0	28.7	15.5	47.8	22.2	28.3	60.4	87.4
2013	4,547.5	525.7	82.5	528.0	2,389.5	890.9	130.9	28.4	15.4	43.6	22.1	28.3	61.3	88.6
Urban settlements														
2000	8,996.4	866.9	1,103.5	1,038.7	2,882.7	2,466.9	637.7	36.1	18.9	23.1	20.5	44.2	75.3	88.5
2005	9,651.8	1,059.5	280.1	1,690.9	3,907.7	2,285.2	428.4	38.7	20.5	51.3	29.7	39.4	71.9	94.1
2010	9,213.3	1,349.1	164.2	1,507.8	4,461.3	1,453.0	277.9	37.9	21.4	52.0	30.1	43.0	72.4	93.2
2012	8,772.4	1,472.7	164.3	1,569.3	4,156.1	1,227.3	182.7	36.7	21.7	53.3	31.8	41.3	75.7	91.9
2013	8,687.7	1,504.2	165.8	1,576.1	4,160.7	1,132.9	148.0	36.6	22.1	53.2	31.5	41.6	76.7	91.0
Rural areas														
2000	4,322.0	144.5	292.7	433.3	981.0	1,593.0	877.5	38.5	19.0	21.7	22.0	32.3	54.4	74.5
2005	3,907.9	122.2	69.3	271.4	1,465.6	1,514.2	465.2	35.9	17.2	27.6	22.5	29.0	50.6	68.9
2010	3,362.2	153.5	30.3	264.1	1,653.9	1,025.2	235.2	32.5	17.3	27.4	20.4	29.3	49.4	74.8
2012	3,282.9	180.0	30.9	294.8	1,733.9	894.6	148.7	32.3	18.1	34.0	21.3	29.5	54.4	83.8
2013	3,174.0	181.3	47.5	293.6	1,677.4	836.3	137.9	31.5	18.2	44.4	20.6	28.6	54.9	84.2

5.25. Working age population who discouraged in the job searching, by sex and place of residence

(thsd. prs.)

	Total population	Women	Men	Urban settlements	Rural areas
2000	611.9	276.9	335.0	370.1	241.8
2005	279.6	134.8	144.8	161.0	118.6
2006	202.1	100.4	101.7	106.8	95.3
2007	170.3	81.9	88.4	89.9	80.4
2008	143.2	63.9	79.3	67.0	76.2
2009	187.4	74.5	112.9	108.3	79.1
2010	175.0	69.6	105.4	96.1	78.9
2012	113.0	49.3	63.7	51.3	61.7
2013	96.1	41.0	55.1	42.1	54.0

INTERNATIONAL COMPARISONS

SECTION 6

6.1. Employment rate of population in Ukraine and EU countries, by sex

(in percentage to the total population aged 15 years and over, for Ukraine – aged 15–70)

	2000	2005	2010	2012	2013
Ukraine	55.8	57.7	58.5	59.7	60.3
EU (27 countries)	51.4	51.8	51.9	51.7	51.5
Austria	56.0	56.3	58.3	58.8	58.5
Belgium	48.8	48.8	49.6	49.2	49.0
Bulgaria	42.0	44.7	46.7	46.6	46.9
Greece	46.4	48.0	47.2	40.1	38.4
Denmark	62.6	62.5	59.6	58.4	58.0
Estonia	50.5	53.9	50.4	55.2	56.0
Ireland	56.4	59.3	52.3	51.1	52.4
Spain	45.5	51.5	47.8	44.9	43.9
Italy	42.9	45.3	44.4	44.0	43.0
Cyprus	57.3	59.8	60.2	55.9	53.2
Latvia	48.2	52.6	48.5	50.7	52.4
Lithuania	50.7	51.9	47.8	50.0	51.2
Luxembourg	52.2	53.1	55.2	55.7	55.9
Malta	46.5	45.9	47.3	48.8	49.8
Netherlands	61.8	61.9	62.2	61.8	60.8
Germany	52.9	52.3	55.3	56.8	57.1
Poland	47.5	45.2	50.4	50.2	50.2
Portugal	58.5	57.5	55.2	51.4	50.4
Romania	59.9	50.1	50.8	51.1	51.1
Slovak Republic	48.4	49.8	50.5	50.9	50.9
Slovenia	53.4	55.4	54.9	52.5	51.5
United Kingdom	58.5	59.3	57.6	57.7	58.1
Hungary	46.3	46.6	45.0	46.3	47.1
Finland	56.2	55.7	54.9	55.2	54.3
France	50.0	51.4	51.4	51.1	50.9
Czech Republic	54.8	54.7	54.2	54.5	55.2
Sweden	57.1	58.3	57.8	58.8	59.1

Note: The data are not seasonally adjusted, the source is Eurostat web page: <http://appsso.eurostat.ec.europa.eu/> (as of 20.06.2014).

Table 6.1. continued

(in percentage to the population of relevant age)

	Women					Men				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Ukraine	51.6	53.1	54.4	54.8	55.3	60.5	62.8	63.1	65.2	65.9
EU (27 countries)	42.9	44.3	45.6	45.8	45.7	60.5	59.9	58.7	58.1	57.7
Austria	47.1	49.0	52.3	53.0	53.0	65.6	64.2	64.8	65.1	64.3
Belgium	40.0	41.3	43.6	43.6	43.9	58.2	56.7	55.9	55.2	54.5
Bulgaria	37.6	40.0	42.4	42.6	42.8	46.9	49.7	51.3	50.8	51.4
Greece	33.5	35.7	37.0	31.8	30.3	60.0	60.9	57.8	48.9	46.9
Denmark	57.2	57.2	55.9	54.6	54.3	68.2	67.9	63.3	62.3	61.8
Estonia	45.5	49.3	47.4	50.4	50.9	56.7	59.5	54.0	60.9	62.2
Ireland	45.1	49.7	47.8	46.8	47.3	68.1	69.0	57.0	55.6	57.6
Spain	32.4	40.3	41.6	40.1	39.1	59.4	63.1	54.2	50.0	48.8
Italy	30.4	34.1	34.5	35.1	34.5	56.5	57.4	54.9	53.7	52.1
Cyprus	45.5	49.8	54.1	50.6	48.4	70.2	70.7	67.0	61.8	58.6
Latvia	42.5	46.5	45.9	46.8	48.0	55.2	60.1	50.2	55.7	57.8
Lithuania	47.5	46.9	46.0	47.0	47.4	54.4	57.9	48.9	53.6	55.8
Luxembourg	40.1	43.7	47.2	48.8	49.1	64.9	62.8	63.3	62.7	62.7
Malta	27.8	27.9	32.3	35.3	37.3	66.0	64.7	62.5	62.5	62.3
Netherlands	52.3	54.5	56.3	56.4	55.7	71.6	69.4	68.3	67.4	66.1
Germany	44.8	46.3	49.7	51.2	51.9	61.6	58.6	61.1	62.6	62.6
Poland	40.9	38.6	43.4	42.9	42.8	54.8	52.4	58.1	58.2	58.2
Portugal	50.2	50.8	49.6	46.7	45.8	67.5	64.8	61.2	56.6	55.5
Romania	54.5	43.9	43.8	44.0	43.9	65.8	56.7	58.2	58.6	58.8
Slovak Republic	42.6	42.5	43.4	43.3	43.6	54.7	57.8	58.2	59.1	58.6
Slovenia	47.8	49.2	49.5	47.3	46.0	59.5	62.0	60.4	57.8	57.1
United Kingdom	51.6	53.0	52.2	52.4	52.9	65.9	66.0	63.2	63.4	63.5
Hungary	39.3	39.9	39.3	40.2	40.7	54.3	54.2	51.6	53.2	54.5
Finland	51.3	51.9	51.7	52.0	51.4	61.4	59.7	58.3	58.5	57.4
France	43.1	45.8	46.7	46.7	46.8	57.6	57.6	56.5	55.9	55.5
Czech Republic	46.1	45.7	45.1	45.9	46.7	64.3	64.3	63.7	63.6	64.1
Sweden	53.6	54.6	53.9	55.4	55.7	60.7	62.2	61.8	62.3	62.6

6.2. Employment rate of population aged 15-64 in Ukraine and EU countries, by sex

(in percentage to the population of relevant age)

	2000	2005	2010	2012	2013
Ukraine	59.0	61.5	61.5	62.4	62.9
EU (27 countries)	62.1	63.4	64.1	64.2	64.2
Austria	67.9	68.6	71.7	72.5	72.3
Belgium	60.9	61.1	62.0	61.8	61.8
Bulgaria	51.5	55.8	59.7	58.8	59.5
Greece	56.6	60.1	59.6	51.3	49.3
Denmark	76.4	75.9	73.3	72.6	72.5
Estonia	60.3	64.4	61.0	67.1	68.5
Ireland	64.5	67.6	59.6	58.8	60.5
Spain	56.1	63.3	58.8	55.8	54.8
Italy	53.4	57.6	56.9	56.8	55.6
Cyprus	56.4	68.5	68.9	64.6	61.7
Latvia	57.4	63.3	59.3	63.1	65.0
Lithuania	59.6	62.6	57.8	62.2	63.7
Luxembourg	62.7	63.6	65.2	65.8	65.7
Malta	54.5	53.9	56.2	59.1	60.8
Netherlands	72.9	73.2	74.7	75.1	74.3
Germany	65.3	66.0	71.1	72.8	73.3
Poland	55.1	52.8	59.3	59.7	60.0
Portugal	68.2	67.5	65.6	61.8	61.1
Romania	64.2	57.6	58.8	59.5	59.7
Slovak Republic	56.3	57.7	58.8	59.7	59.9
Slovenia	62.7	66.0	66.2	64.1	63.3
United Kingdom	71.0	71.7	69.5	70.1	70.8
Hungary	55.9	56.9	55.4	57.2	58.4
Finland	68.1	68.4	68.1	69.4	68.9
France	61.7	63.7	63.9	63.9	64.1
Czech Republic	64.9	64.8	65.0	66.5	67.7
Sweden	71.1	72.5	72.1	73.8	74.4

Table 6.2. continued

(in percentage to the population of relevant age)

	Women					Men				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Ukraine	55.1	57.3	57.8	57.8	58.2	63.3	66.1	65.6	67.5	68.1
EU (27 countries)	53.6	56.1	58.2	58.7	58.9	70.7	70.8	70.1	69.7	69.5
Austria	59.7	62.0	66.4	67.3	67.6	76.2	75.4	77.1	77.8	77.1
Belgium	51.9	53.8	56.5	56.8	57.2	69.8	68.3	67.4	66.9	66.4
Bulgaria	47.2	51.7	56.4	56.3	56.8	56.1	60.0	63.0	61.3	62.1
Greece	41.8	46.1	48.1	41.9	40.1	71.7	74.2	70.9	60.6	58.4
Denmark	72.1	71.9	71.1	70.0	70.0	80.7	79.8	75.6	75.2	75.0
Estonia	57.2	62.1	60.6	64.7	65.7	63.7	67.0	61.5	69.7	71.4
Ireland	53.2	58.3	55.8	55.1	55.9	75.7	76.9	63.5	62.7	65.1
Spain	41.2	51.2	52.8	51.2	50.3	71.0	75.2	64.8	60.3	59.2
Italy	39.3	45.3	46.1	47.1	46.5	67.6	69.9	67.7	66.5	64.8
Cyprus	53.0	58.4	63.0	59.4	56.9	78.6	79.2	75.3	70.4	67.0
Latvia	53.3	59.3	59.4	61.7	63.4	61.9	67.6	59.2	64.6	66.8
Lithuania	58.2	59.4	58.7	61.8	62.8	61.1	66.1	56.8	62.2	64.7
Luxembourg	50.0	53.7	57.2	59.0	59.1	75.0	73.3	73.1	72.5	72.1
Malta	33.4	33.7	39.5	44.0	47.0	75.3	73.8	72.5	73.8	74.1
Netherlands	63.4	66.4	69.3	70.4	69.9	82.1	79.9	80.0	79.7	78.7
Germany	57.8	60.6	66.1	68.0	68.8	72.7	71.3	76.0	77.6	77.7
Poland	49.3	46.8	53.0	53.1	53.4	61.2	58.9	65.3	66.3	66.6
Portugal	60.5	61.7	61.1	58.7	58.2	76.2	73.4	70.1	64.9	64.0
Romania	59.0	51.5	52.0	52.6	52.6	69.5	63.7	65.7	66.5	66.8
Slovak Republic	51.1	50.9	52.3	52.7	53.4	61.6	64.6	65.2	66.7	66.4
Slovenia	58.5	61.3	62.6	60.5	59.2	66.7	70.4	69.6	67.4	67.1
United Kingdom	64.5	65.8	64.6	65.1	65.9	77.7	77.7	74.5	75.2	75.6
Hungary	49.4	51.0	50.6	52.1	52.8	62.7	63.1	60.4	62.5	64.3
Finland	65.2	66.5	66.9	68.2	67.8	71.1	70.3	69.4	70.5	69.9
France	54.8	58.4	59.7	59.9	60.4	68.8	69.2	68.2	67.9	67.9
Czech Republic	56.8	56.3	56.3	58.2	59.6	73.1	73.3	73.5	74.6	75.7
Sweden	69.7	70.4	69.6	71.8	72.5	72.6	74.4	74.6	75.6	76.3

6.3. Employment rate of population aged 15-24 in Ukraine and EU countries, by sex

(in percentage to the population of relevant age)

	2000	2005	2010	2012	2013
Ukraine	30.4	34.2	33.5	33.7	32.5
EU (27 countries)	37.0	36.0	34.0	32.9	32.5
Austria	52.5	53.1	53.6	54.6	53.8
Belgium	30.3	27.5	25.2	25.3	23.6
Bulgaria	20.5	21.6	22.2	21.9	21.2
Greece	27.4	25.0	20.4	13.1	11.9
Denmark	67.1	62.3	58.1	55.0	53.7
Estonia	27.1	30.7	25.3	32.3	32.4
Ireland	48.1	48.7	31.5	28.2	29.0
Spain	32.2	38.3	25.0	18.4	16.8
Italy	26.1	25.7	20.5	18.6	16.3
Cyprus	36.7	36.7	33.8	28.1	23.5
Latvia	30.3	32.6	25.4	28.7	30.2
Lithuania	26.7	21.2	18.3	21.5	24.6
Luxembourg	31.8	24.9	21.2	21.7	21.9
Malta	52.4	45.3	44.2	43.8	45.9
Netherlands	68.4	65.2	63.0	63.3	62.3
Germany	46.1	42.2	46.2	46.6	46.8
Poland	24.1	22.5	26.4	24.7	24.2
Portugal	41.1	36.1	28.5	23.6	22.3
Romania	34.0	24.9	24.3	23.9	23.5
Slovak Republic	28.3	25.6	20.6	20.1	20.4
Slovenia	31.2	34.1	34.1	27.3	26.5
United Kingdom	55.8	54.4	47.6	46.9	46.7
Hungary	33.1	21.8	18.3	18.6	19.8
Finland	45.4	40.5	38.8	41.8	41.5
France	28.2	30.5	30.0	28.4	28.6
Czech Republic	36.4	27.5	25.2	25.2	25.6
Sweden	36.9	38.7	38.8	40.2	41.7

Table 6.3. continued

(in percentage to the population of relevant age)

	Women					Men				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Ukraine	27.8	30.4	29.3	29.3	28.5	32.8	37.9	37.4	37.9	36.3
EU (27 countries)	33.9	33.0	31.8	30.8	30.6	40.2	38.9	36.1	34.8	34.3
Austria	48.6	49.4	49.4	50.5	50.3	56.5	56.8	57.9	58.8	57.4
Belgium	26.7	25.2	23.1	22.6	21.9	33.7	29.7	27.3	27.8	25.3
Bulgaria	18.0	19.4	18.9	18.7	18.4	23.0	23.9	25.4	24.9	24.0
Greece	22.1	19.8	16.2	10.0	9.1	32.6	30.1	24.5	16.1	14.6
Denmark	64.0	60.5	59.5	55.4	55.0	70.3	63.9	56.7	54.6	52.3
Estonia	23.2	26.8	24.1	30.3	30.7	30.8	35.5	26.5	34.2	34.0
Ireland	43.5	45.9	33.5	30.2	29.6	52.5	51.5	29.6	26.3	28.5
Spain	26.8	32.8	24.3	18.3	16.3	37.5	43.5	25.6	18.5	17.3
Italy	22.0	20.8	16.5	15.0	13.7	30.2	30.4	24.3	21.9	18.8
Cyprus	34.3	33.2	33.3	26.1	23.0	39.5	40.5	34.4	30.5	24.1
Latvia	24.9	26.3	24.3	25.4	27.0	35.4	38.7	26.5	31.8	33.3
Lithuania	23.8	17.4	17.4	20.1	21.5	29.4	24.8	19.1	22.8	27.6
Luxembourg	28.3	21.3	20.3	20.1	19.4	35.3	28.4	22.1	23.4	24.2
Malta	52.8	43.9	42.4	40.7	44.3	52.0	46.7	45.9	46.7	47.5
Netherlands	66.7	64.9	63.5	64.3	62.8	69.9	65.5	62.6	62.4	61.8
Germany	43.6	40.7	44.6	44.6	45.2	48.6	43.7	47.9	48.6	48.3
Poland	21.9	19.6	22.1	19.9	19.5	26.4	25.4	30.5	29.2	28.6
Portugal	35.1	31.4	26.5	21.6	20.8	46.9	40.5	30.4	25.5	23.6
Romania	31.1	21.6	20.4	20.2	19.6	36.9	28.2	28.1	27.4	27.3
Slovak Republic	27.9	23.1	17.4	15.9	16.2	28.7	28.1	23.8	24.1	24.4
Slovenia	27.4	29.8	30.0	23.7	23.0	34.7	38.1	37.6	30.4	29.7
United Kingdom	53.6	52.7	46.6	46.6	46.5	58.0	56.0	48.5	47.1	46.8
Hungary	29.2	19.2	16.6	17.2	17.2	37.0	24.4	20.0	20.0	22.4
Finland	43.8	40.6	39.9	42.7	43.9	47.0	40.4	37.7	41.0	39.1
France	25.1	26.7	26.9	25.9	25.8	31.3	33.7	33.0	30.8	31.3
Czech Republic	33.6	23.4	20.6	21.0	21.0	39.3	31.3	29.6	29.2	29.9
Sweden	37.1	39.8	39.2	41.6	42.9	36.6	37.7	38.5	38.8	40.5

6.4. Unemployment rate of population in Ukraine and EU countries, by sex

(in percentage to the economically active population aged 15-74, for Ukraine - aged 15-70)

	2000	2005	2010	2012	2013
Ukraine	11.6	7.2	8.1	7.5	7.2
EU (27 countries)	8.5	8.9	9.6	10.4	10.8
Austria	3.6	5.2	4.4	4.3	4.9
Belgium	6.9	8.5	8.3	7.6	8.4
Bulgaria	16.4	10.1	10.2	12.3	13.0
Greece	11.2	9.9	12.6	24.3	27.3
Denmark	4.3	4.8	7.5	7.5	7.0
Estonia	13.6	7.9	16.7	10.0	8.6
Ireland	4.2	4.4	13.9	14.7	13.1
Spain	11.1	9.2	19.9	24.8	26.1
Italy	10.1	7.7	8.4	10.7	12.2
Cyprus	4.9	5.3	6.3	11.9	15.9
Latvia	13.7	8.9	19.5	15.0	11.9
Lithuania	16.4	8.3	17.8	13.4	11.8
Luxembourg	2.2	4.5	4.4	5.1	5.9
Malta	6.7	7.3	6.9	6.3	6.4
Netherlands	3.1	5.3	4.5	5.3	6.7
Germany	7.5	11.2	7.1	5.5	5.3
Poland	16.1	17.8	9.7	10.1	10.3
Portugal	4.0	7.7	11.0	15.9	16.5
Romania	7.3	7.2	7.3	7.0	7.3
Slovak Republic	18.8	16.3	13.6	14.0	14.2
Slovenia	6.7	6.5	7.3	8.9	10.1
United Kingdom	5.4	4.8	7.8	7.9	7.5
Hungary	6.4	7.2	11.2	10.9	10.2
Finland	9.8	8.4	8.4	7.7	8.2
France	9.0	8.9	9.3	9.9	9.9
Czech Republic	8.7	7.9	7.3	7.0	7.0
Sweden	5.6	7.8	8.6	8.0	8.1

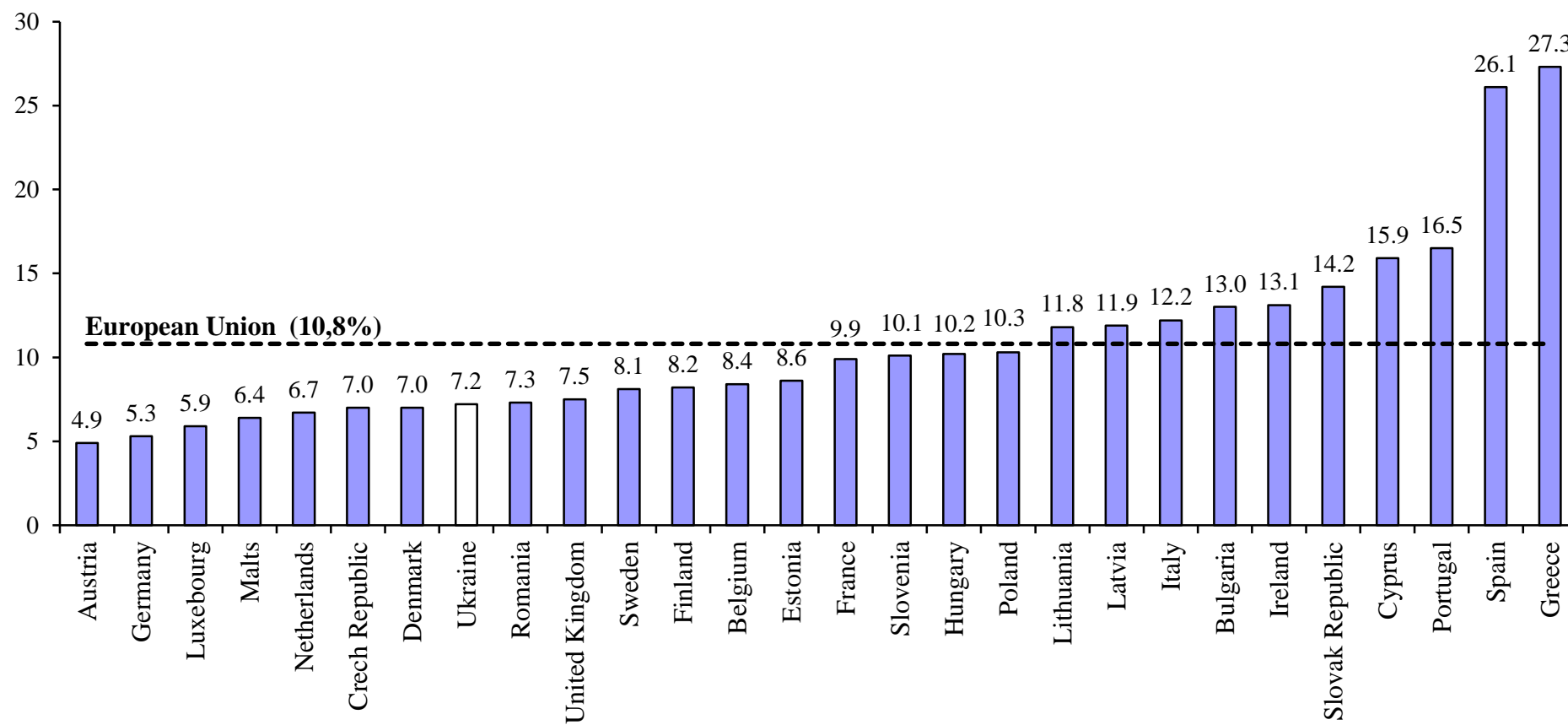
Table 6.4. continued

(in percentage to the economically active population of relevant age)

	Women					Men				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Ukraine	11.6	6.8	6.8	6.4	6.2	11.6	7.5	9.3	8.5	8.0
EU (27 countries)	9.8	9.7	9.5	10.5	10.8	7.8	8.3	9.6	10.4	10.7
Austria	4.3	5.5	4.2	4.3	4.9	3.1	4.9	4.6	4.4	4.9
Belgium	8.5	9.5	8.5	7.4	8.2	5.6	7.6	8.1	7.7	8.7
Bulgaria	16.2	9.8	9.5	10.8	11.8	16.7	10.3	10.9	13.5	13.9
Greece	17.1	15.3	16.2	28.1	31.3	7.4	6.1	9.9	21.4	24.3
Denmark	4.8	5.3	6.5	7.5	7.3	3.9	4.4	8.4	7.5	6.7
Estonia	12.7	6.9	14.1	9.1	8.2	14.5	9.2	19.3	10.9	9.1
Ireland	4.1	4.1	9.9	11.0	10.7	4.3	4.6	17.1	17.7	15.0
Spain	16.0	12.2	20.2	25.1	26.7	7.9	7.1	19.6	24.6	25.6
Italy	13.6	10.1	9.7	11.9	13.1	7.8	6.2	7.6	9.9	11.5
Cyprus	7.2	6.5	6.4	11.1	15.2	3.2	4.4	6.2	12.6	16.6
Latvia	12.9	8.7	16.3	14.0	11.1	14.4	9.1	22.7	16.2	12.6
Lithuania	14.1	8.3	14.5	11.6	10.5	18.6	8.2	21.2	15.2	13.1
Luxembourg	2.9	5.8	5.1	5.9	6.4	1.8	3.5	3.8	4.5	5.4
Malta	7.4	8.9	7.1	7.3	6.3	6.4	6.6	6.7	5.7	6.5
Netherlands	3.9	5.1	4.5	5.2	6.3	2.4	4.5	4.4	5.3	7.1
Germany	7.5	10.9	6.6	5.2	5.0	7.5	11.4	7.5	5.7	5.6
Poland	18.2	19.2	10.0	10.9	11.1	14.4	16.6	9.4	9.4	9.7
Portugal	5.0	8.8	12.1	15.8	16.6	3.2	6.8	10.0	16.0	16.4
Romania	6.5	6.4	6.5	6.4	6.6	8.0	7.8	7.9	7.6	7.9
Slovak Republic	18.6	17.2	14.6	14.5	14.5	18.9	15.5	14.2	13.5	14.0
Slovenia	7.0	7.1	7.1	9.4	10.9	6.5	6.1	7.5	8.4	9.5
United Kingdom	4.8	4.3	6.8	7.4	7.0	5.9	5.2	8.6	8.3	8.0
Hungary	5.6	7.4	10.7	10.6	10.2	7.0	7.0	11.6	11.2	10.2
Finland	10.6	8.6	7.6	7.1	7.5	9.1	8.2	9.1	8.3	8.8
France	10.8	9.9	9.7	10.0	9.8	7.5	8.0	9.0	9.7	10.0
Czech Republic	10.3	9.8	8.5	8.2	8.3	7.3	6.5	6.4	6.0	5.9
Sweden	5.3	7.7	8.5	7.7	7.9	5.9	7.9	8.7	8.2	8.2

6.5. ILO unemployment rate in Ukraine and EU countries, 2013

(in % to the economically active population aged 15-74, for Ukraine - aged 15-70)



6.6. Unemployment rate of population aged 15-64 in Ukraine and EU countries, by sex

(in percentage to the economically active population of relevant age)

	2000	2005	2010	2012	2013
Ukraine	11.8	7.4	8.3	7.7	7.3
EU (27 countries)	9.4	9.0	9.7	10.6	10.9
Austria	4.7	5.2	4.5	4.4	5.0
Belgium	6.6	8.5	8.4	7.6	8.5
Bulgaria	16.4	10.2	10.3	12.4	13.0
Greece	11.5	10.0	12.7	24.5	27.5
Denmark	4.5	4.9	7.6	7.7	7.2
Estonia	13.4	8.2	17.1	10.2	8.9
Ireland	4.4	4.4	14.1	15.0	13.3
Spain	13.9	9.2	20.0	24.9	26.2
Italy	11.0	7.8	8.5	10.8	12.4
Cyprus	5.1	5.4	6.5	12.1	16.1
Latvia	14.5	9.0	19.8	15.3	12.1
Lithuania	16.3	8.4	18.1	13.6	12.0
Luxembourg	2.4	4.5	4.4	5.2	5.9
Malta	6.4	7.4	6.9	6.4	6.5
Netherlands	2.7	4.8	4.5	5.3	6.7
Germany	8.0	11.3	7.2	5.6	5.4
Poland	16.6	18.0	9.7	10.2	10.5
Portugal	4.0	8.1	11.4	16.4	17.0
Romania	7.7	7.5	7.6	7.3	7.6
Slovak Republic	19.1	16.3	14.4	14.0	14.3
Slovenia	7.1	6.7	7.4	9.0	10.3
United Kingdom	5.6	4.8	7.9	8.0	7.7
Hungary	6.6	7.2	11.2	11.0	10.3
Finland	11.2	8.5	8.5	7.8	8.3
France	10.3	8.9	9.3	9.9	9.9
Czech Republic	8.8	8.0	7.4	7.0	7.0
Sweden	5.5	7.9	8.8	8.1	8.2

Table 6.6. continued

(in percentage to the economically active population of relevant age)

	Women					Men				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Ukraine	11.8	7.0	7.0	6.6	6.3	11.8	7.7	9.5	8.6	8.2
EU (27 countries)	10.7	9.8	9.7	10.6	10.9	8.3	8.4	9.8	10.5	10.9
Austria	4.6	5.5	4.3	4.4	5.0	4.8	4.9	4.6	4.4	5.0
Belgium	8.3	9.5	8.6	7.4	8.2	5.3	7.7	8.2	7.7	8.7
Bulgaria	15.9	9.9	9.5	10.9	11.9	16.8	10.4	11.0	13.7	14.1
Greece	17.3	15.4	16.4	28.3	31.5	7.6	6.2	10.1	21.6	24.5
Denmark	5.0	5.3	6.5	7.7	7.4	4.0	4.5	8.5	7.7	6.9
Estonia	11.7	7.1	14.5	9.3	8.5	14.9	9.4	19.7	11.1	9.2
Ireland	4.3	4.0	9.9	11.1	10.8	4.5	4.7	17.5	18.1	15.4
Spain	20.4	12.2	20.3	25.2	26.8	9.5	7.1	19.7	24.7	25.7
Italy	14.9	10.1	9.7	12.0	13.2	8.4	6.3	7.7	10.0	11.7
Cyprus	7.4	6.6	6.5	11.2	15.3	3.3	4.5	6.4	12.8	16.8
Latvia	13.6	8.8	16.6	14.2	11.4	15.3	9.2	23.0	16.5	12.8
Lithuania	14.0	8.4	14.7	11.8	10.6	18.5	8.3	21.5	15.5	13.4
Luxembourg	3.2	5.8	5.1	5.9	6.4	1.8	3.5	3.8	4.6	5.5
Malta	6.5	8.9	7.2	7.4	6.3	6.3	6.6	6.8	5.8	6.6
Netherlands	3.5	5.1	4.5	5.2	6.3	2.2	4.5	4.5	5.3	7.1
Germany	8.3	11.0	6.6	5.3	5.0	7.7	11.6	7.6	5.8	5.7
Poland	18.6	19.4	10.1	11.0	11.2	14.8	16.8	9.4	9.5	9.8
Portugal	5.0	9.2	12.5	16.2	17.0	3.2	7.1	10.4	16.6	17.0
Romania	7.1	6.8	6.9	6.7	6.9	8.2	8.1	8.2	7.8	8.1
Slovak Republic	18.6	17.2	14.6	14.6	14.6	19.5	15.5	14.3	13.6	14.0
Slovenia	7.2	7.2	7.2	9.5	11.1	6.9	6.2	7.6	8.5	9.6
United Kingdom	4.9	4.3	7.0	7.5	7.2	6.2	5.2	8.8	8.5	8.1
Hungary	5.8	7.4	10.8	10.7	10.3	7.2	7.0	11.6	11.3	10.3
Finland	12.0	8.7	7.7	7.1	7.6	10.4	8.3	9.3	8.5	9.0
France	12.2	9.9	9.7	10.0	9.8	8.6	8.0	9.0	9.8	10.1
Czech Republic	10.6	9.9	8.5	8.3	8.4	7.4	6.5	6.5	6.1	6.0
Sweden	5.1	7.8	8.6	7.8	8.0	6.0	8.0	8.9	8.5	8.4

6.7. Unemployment rate of population aged 15-24 in Ukraine and EU countries, by sex

(in percentage to the economically active population of relevant age)

	2000	2005	2010	2012	2013
Ukraine	24.2	14.9	17.4	17.3	17.4
EU (27 countries)	18.3	18.6	20.9	22.8	23.2
Austria	6.3	10.3	8.8	8.7	9.2
Belgium	15.2	21.5	22.4	19.8	23.7
Bulgaria	33.3	22.3	23.2	28.1	28.4
Greece	29.2	26.0	32.9	55.3	58.3
Denmark	6.7	8.6	14.0	14.1	13.1
Estonia	23.5	15.1	32.9	20.9	18.7
Ireland	6.5	8.6	27.6	30.4	26.8
Spain	25.3	19.7	41.5	52.9	55.5
Italy	31.5	24.0	27.8	35.3	40.0
Cyprus	10.2	13.9	16.6	27.8	38.9
Latvia	21.3	13.6	36.2	28.5	23.2
Lithuania	28.6	15.7	35.7	26.7	21.9
Luxembourg	6.4	13.7	14.2	18.8	15.5
Malta	11.8	16.8	13.2	14.1	13.0
Netherlands	5.3	8.2	8.7	9.5	11.0
Germany	8.5	15.5	9.9	8.1	7.9
Poland	35.7	36.9	23.7	26.5	27.3
Portugal	8.2	16.1	22.4	37.7	37.7
Romania	17.8	20.2	22.1	22.7	23.6
Slovak Republic	36.9	30.1	33.6	34.0	33.7
Slovenia	16.4	15.9	14.7	20.6	21.6
United Kingdom	12.0	12.8	19.6	21.0	20.5
Hungary	12.3	19.4	26.6	28.1	27.2
Finland	28.4	20.1	21.4	19.0	19.9
France	20.6	20.6	22.9	23.9	23.9
Czech Republic	17.0	19.2	18.3	19.5	19.0
Sweden	9.5	22.8	24.8	23.6	23.5

Table 6.7. continued

(in percentage to the economically active population of relevant age)

	Women					Men				
	2000	2005	2010	2012	2013	2000	2005	2010	2012	2013
Ukraine	25.3	14.4	16.7	16.1	16.3	23.3	15.2	17.8	18.1	18.2
EU (27 countries)	19.1	18.8	20.0	22.1	22.5	17.6	18.5	21.6	23.4	23.8
Austria	5.6	9.9	8.8	8.7	9.4	6.9	10.7	8.9	8.8	8.9
Belgium	18.2	22.1	22.4	18.9	22.5	12.9	21.0	22.4	20.4	24.7
Bulgaria	29.6	21.0	21.7	26.0	25.7	36.1	23.4	24.1	29.5	30.2
Greece	38.0	34.8	40.6	63.2	64.2	21.9	18.7	26.7	48.4	53.6
Denmark	7.0	8.6	11.8	13.5	11.8	6.5	8.6	16.1	14.8	14.3
Estonia	21.8	13.8	29.5	18.5	19.7	24.6	16.1	35.7	22.8	17.8
Ireland	6.9	8.0	21.2	24.0	23.5	6.2	9.1	33.7	36.4	29.8
Spain	32.1	23.4	39.6	51.4	54.6	19.6	16.7	43.1	54.1	56.2
Italy	35.3	27.4	29.4	37.5	41.4	28.4	21.5	26.8	33.7	39.0
Cyprus	13.3	14.7	17.2	26.7	36.8	6.7	13.2	15.9	28.8	41.1
Latvia	21.7	16.1	34.8	29.5	24.9	21.0	11.8	37.3	27.8	21.8
Lithuania	27.3	15.3	31.6	22.7	20.4	29.5	15.9	39.0	29.7	23.0
Luxembourg	7.3	16.2	10.2	18.6	10.9	5.7	11.7	17.6	18.9	18.7
Malta	10.4	16.2	11.8	14.7	10.4	13.1	17.2	14.4	13.5	15.1
Netherlands	5.9	8.4	8.6	10.0	11.2	4.7	8.0	8.8	8.9	10.8
Germany	7.4	14.9	8.8	7.3	7.1	9.5	16.8	10.9	8.8	8.6
Poland	37.2	38.3	25.4	30.0	30.1	34.3	35.7	22.4	24.1	25.4
Portugal	11.7	19.1	23.7	39.2	39.3	5.4	13.6	21.2	36.4	36.3
Romania	15.9	18.4	21.8	23.2	23.9	19.3	21.6	22.3	22.3	23.5
Slovak Republic	33.3	28.8	31.9	32.5	31.6	40.0	31.0	34.6	35.0	34.9
Slovenia	18.5	17.8	13.8	21.0	23.7	14.8	14.5	15.2	20.3	20.1
United Kingdom	10.4	11.0	17.3	18.0	18.0	13.5	14.3	21.5	23.6	22.8
Hungary	10.4	19.0	24.9	27.3	28.4	13.7	19.6	27.9	28.8	26.3
Finland	29.2	19.5	19.0	18.0	17.1	27.5	20.6	23.8	19.9	22.9
France	22.6	21.9	23.7	23.8	24.3	19.0	19.5	22.2	24.0	23.6
Czech Republic	16.4	19.1	18.5	19.0	19.4	17.4	19.3	18.2	19.9	18.6
Sweden	8.1	22.4	23.6	22.2	22.3	10.8	23.3	25.9	25.0	24.8

6.8. Registered unemployment rate in CIS countries

(in percentage to the economically active population of relevant age, at the end of the year)

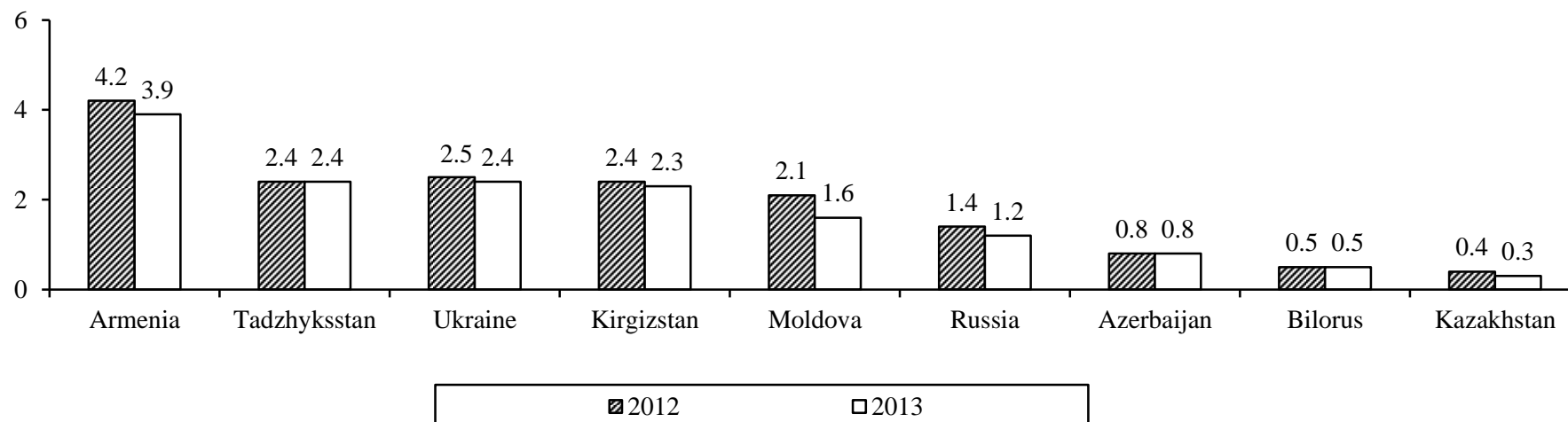
	2000	2005	2010	2012	2013
Ukraine	5.5	4.3	2.7	2.5	2.4
Azerbaijan	1.2	1.4	0.9	0.8	0.8
Belarus	2.1	1.5	0.7	0.5	0.5
Armenia	10.7	7.6	6.8	4.2	3.9
Kazakhstan	3.7	1.2	0.4	0.4	0.3
Kyrgyzstan	3.1	3.3	2.6	2.4	2.3
Moldova	1.8	1.5	3.1	2.1	1.6
Russia	1.4	2.5	2.1	1.4	1.2
Tadzikistan	2.6	2.1	2.2	2.4	2.4

Source: Statistical abstract "Commonwealth of Independent States in 2013."

Note: In Ukraine, the registered unemployment rate is calculated as a percentage of the economically active population of working age, at the end of the year. Due to the fact the Ukraine Law on employment took effect on 1 January 2013, and taking into account the relevant change to methodology for the system of indicators for registered labor market being formed by the State Employment Service, the comparisons of the 2013 data for Ukraine with similar data for previous years are incorrect.

6.9. Registered unemployment rate, 2012-2013

(in % to the economically active population, by the end of the year)



REGISTERED LABOUR MARKET

SECTION 7

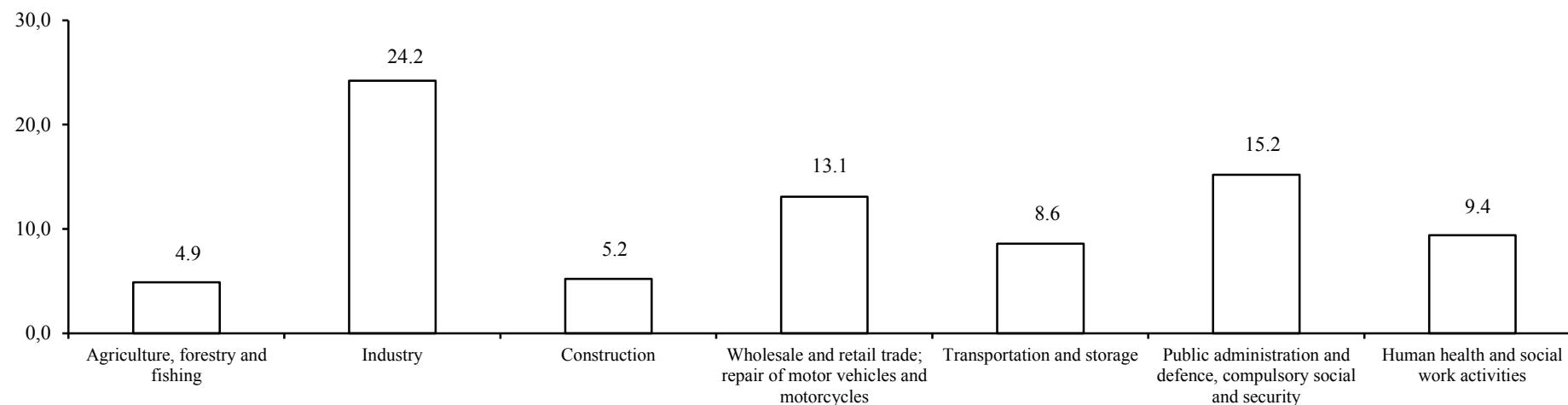
7.1. Demand, supply and job placement of labour force by type of economic activity, 2013

	At the end of year					Job placement of registered unemployed during reference period	
	number of registered unemployed ¹		demand of enterprises for employees to fill vacant work places (vacancies)		load per one vacant work place (vacancies), prs.		
	thsd. prs.	percent to the total	thsd. prs.	percent to the total		thsd. prs.	percent to the total
Total	487.7	100.0	47.5	100.0	10	541.9	100.0
Agriculture, forestry and fishing	115.0	27.9	2.3	4.9	50	138.2	25.5
Industry	90.6	22.0	11.5	24.2	8	127.9	23.6
of which:							
mining and quarrying	5.6	1.4	0.7	1.5	8	11.7	2.2
manufacturing	75.2	18.2	9.0	18.9	8	91.9	16.9
Construction	14.7	3.6	2.5	5.2	6	16.8	3.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	62.5	15.1	6.2	13.1	10	85.4	15.8
Transportation and storage	17.9	4.3	4.1	8.6	4	23.7	4.4
Accommodation and food service activities	12.5	3.0	1.3	2.7	10	18.5	3.4
Information and communication	4.8	1.2	0.5	1.0	10	4.6	0.8
Financial and insurance activities	12.2	3.0	0.7	1.6	16	4.1	0.8
Real estate activities	3.9	0.9	0.7	1.4	6	4.6	0.9
Professional, scientific and technical activities	7.9	1.9	1.2	2.5	7	8.5	1.6
Administrative and support service activities	8.3	2.0	1.7	3.6	5	10.0	1.8
Public administration and defense, compulsory social security	30.8	7.5	7.2	15.2	4	29.4	5.4
Education	9.8	2.4	2.1	4.5	5	31.6	5.8
Human health and social work activities	15.2	3.7	4.5	9.4	3	28.7	5.3
Arts, entertainment and recreation	2.2	0.5	0.4	0.9	5	3.5	0.6
Other services	4.0	1.0	0.6	1.2	7	6.4	1.2

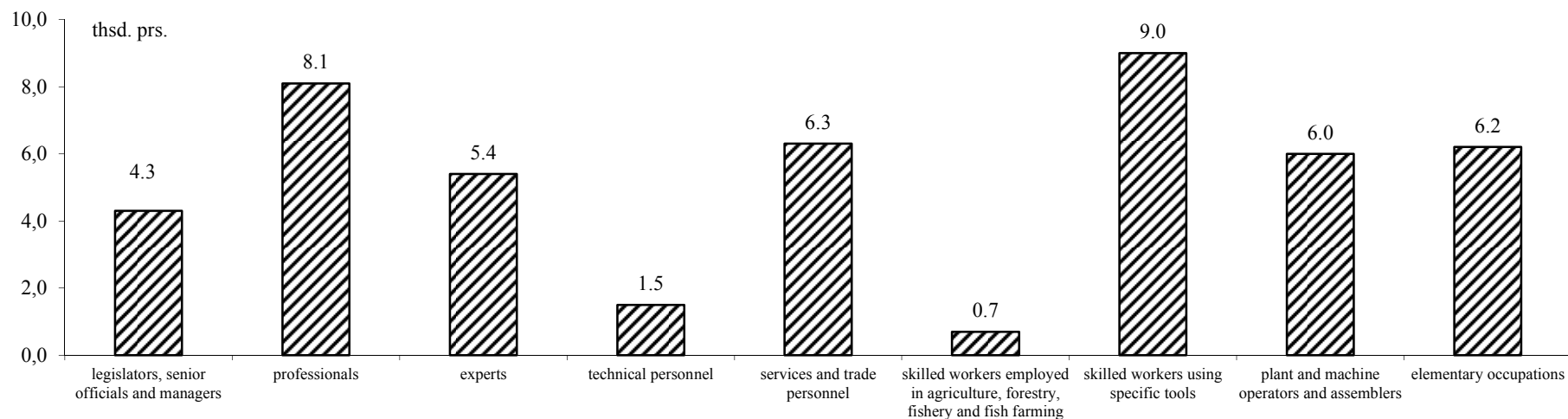
¹Classification of registered unemployed by economic activities carried out in relation to people, who previously were employed (working in enterprises, institutions, organizations, etc.).

7.2 Demand of enterprises for employees, by type of economic activity, 2013

percent to the total number of vacant work places, at the end of year



7.3. Demand of enterprises for employees, by occupational group, 2013



7.4. Labour force demand, by region

(thsd. prs; at the end of year)

	2000	2005	2010	2012	2013
Ukraine	68.2	186.6	63.9	48.6	47.5
Autonomous Republic of Crimea	2.1	5.3	2.8	3.0	4.8
oblasts					
Vinnitsia	1.1	3.0	0.6	0.5	0.3
Volyn	0.7	2.2	0.8	0.6	0.5
Dnipropetrovsk	5.3	18.2	7.7	7.2	7.5
Donetsk	15.1	34.8	2.9	3.4	2.1
Zhytomyr	0.8	3.3	1.8	1.9	1.8
Zakarpattia	0.8	3.4	0.9	1.0	0.6
Zaporizhia	2.1	6.7	1.6	0.4	1.0
Ivano-Frankivsk	1.0	2.0	0.2	0.3	0.5
Kyiv	2.2	7.0	3.2	1.9	2.2
Kirovohrad	1.2	3.8	0.6	0.6	0.8
Luhansk	6.5	9.3	2.0	0.8	0.7
Lviv	1.2	4.9	2.3	2.0	1.1
Mykolaiv	1.4	4.0	1.1	1.0	1.3
Odesa	1.7	5.7	2.6	2.3	2.2
Poltava	2.2	5.3	1.8	2.2	2.4
Rivne	0.5	1.8	0.8	0.9	1.1
Sumy	2.6	2.6	0.7	0.8	0.8
Ternopil	0.5	1.8	0.9	1.2	1.2
Kharkiv	6.2	12.5	3.3	3.9	3.7
Kherson	1.1	2.2	1.1	1.3	0.8
Khmelnysk	1.2	3.5	0.4	0.2	0.2
Cherkasy	1.5	1.5	0.3	0.2	0.5
Chernivtsi	0.4	1.8	0.7	0.8	0.5
Chernihiv	0.9	3.9	0.9	1.2	1.3
City of Kyiv	6.2	33.9	20.9	8.5	7.5
City of Sevastopol	1.7	2.2	1.0	0.5	0.1

7.5. Load of persons (not engaged in labour activity) per one vacant work place (vacancies), by region

(person; at the end of year)

	2000	2005	2010	2012	2013
Ukraine	17	5	9	11	10
Autonomous Republic of Crimea	13	7	7	6	4
oblasts					
Vinnytsia	35	14	49	58	78
Volyn	55	11	17	20	21
Dnipropetrovsk	17	3	5	5	4
Donetsk	6	2	11	9	16
Zhytomyr	79	10	13	12	10
Zakarpattia	58	8	15	14	16
Zaporizhia	19	5	17	62	24
Ivano-Frankivsk	46	17	74	52	33
Kyiv	25	4	5	9	7
Kirovohrad	27	8	32	31	23
Luhansk	9	4	11	26	31
Lviv	74	11	12	14	21
Mykolaiv	20	8	18	19	14
Odesa	10	6	8	8	6
Poltava	22	8	20	11	10
Rivne	91	20	25	19	15
Sumy	18	12	31	22	21
Ternopil	87	24	21	15	14
Kharkiv	10	4	10	8	7
Kherson	23	12	10	10	16
Khmelnysk	26	9	53	93	76
Cherkasy	23	27	89	167	43
Chernivtsi	56	15	16	15	19
Chernihiv	41	7	21	12	11
City of Kyiv	2	0.2	0.3	1	1
City of Sevastopol	1	1	1	3	10

7.6. Load of persons (not engaged in labour activity) per one vacant work place (vacancies) by occupational group

(person; at the end of year)

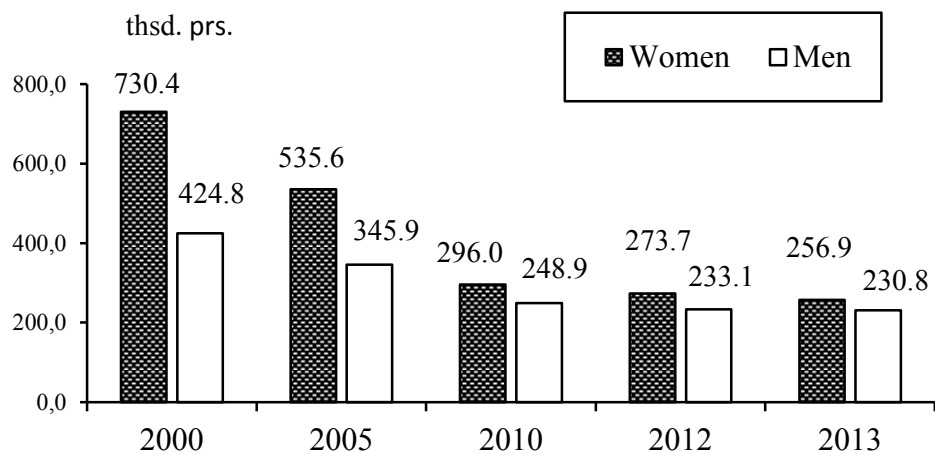
	2000	2005	2010	2012	2013
Total	17	5	9	11	10
including:					
legislators, senior officials and managers	19	4	9	12	12
professionals	15	3	5	6	5
experts	24	5	7	9	9
technical personnel	76	9	14	22	18
services and trade personnel	42	10	10	15	11
skilled workers employed in agriculture, forestry, fishery and fish farming	44	18	32	33	34
skilled workers using specific tools	8	2	5	6	6
plant and machine operators and assemblers	14	4	14	15	16
elementary occupations*	48	12	10	13	12

Note: Untill and including 2012, the indicator is calculated for persons without occupation, which were registered by the State Employment Service, since 2013 - for persons who were registered as "unemployed".

* Including persons with no occupation.

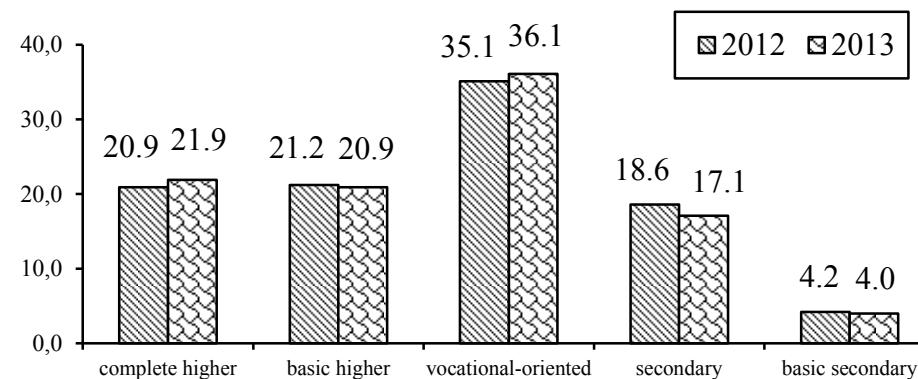
7.7. Registered unemployed by sex, 2000-2013

(at the end of year)



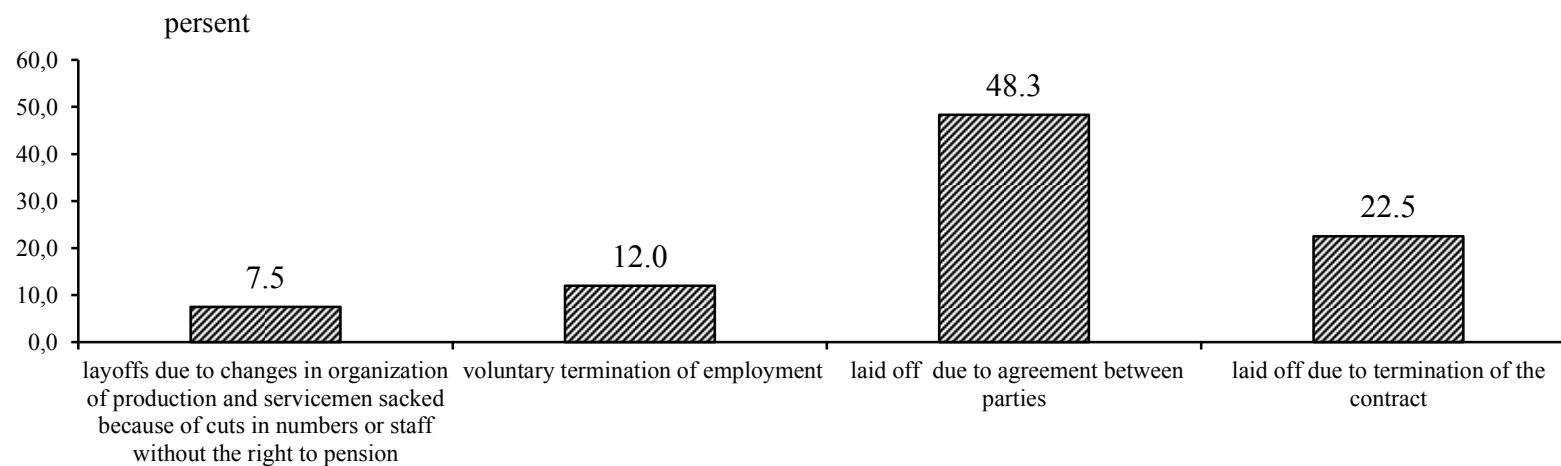
7.8. Registered unemployed by education level, 2012-2013

(percent to the total number of registered unemployed at the end of year)



7.9. Main reasons of unemployment of registered unemployed, who did not work up to 1 year, 2013

(at the end of year)



7.10. Registered unemployed, by education level and by reason of unemployment.

	(thsd. prs.; at the end of year)				
	2000	2005	2010	2012	2013
Total	1,155.2	881.5	544.9	506.8	487.7
of which:					
women	730.4	535.6	296.0	273.7	256.9
including by level of education:					
complete higher	124.6	81.2	97.3	105.9	106.9
basic higher	266.8	170.6	115.3	107.3	101.7
vocational-oriented	368.9	279.2	188.5	177.8	176.2
secondary	333.3	295.4	121.3	94.4	83.5
basic secondary	58.3	53.1	21.9	20.7	18.8
primary	3.3	2.0	0.6	0.7	0.6
including:					
persons who did not work less than 1 year - total	918.9	735.1	478.1	452.4	436.7
by cause of unemployment:					
layoffs due to changes in organization of production and servicemen sacked because of cuts in numbers or staff without the right to pension	189.8	49.6	34.4	32.4	32.8
voluntary termination of employment	353.6	109.7	63.4	56.0	52.3
leavers of secondary comprehensive schools	11.1	7.0	2.7	1.9	...
graduates of vocational training schools	23.3	6.6	11.0	6.3	...
graduates of higher educational institutions	22.0	15.1	18.9	12.5	...
laid off due to agreement between parties	...	...	...	...	210.9
laid off due to termination of the contract	...	...	...	...	98.3
persons who did not work more than 1 year through different causes	236.3	146.4	66.8	54.4	51.0

7.11. Registered unemployed, by sex, place of residence and region

(thsd. prs.; average for the period)

	2000	2005	2010	2012	2013
Total					
Ukraine	1,178.7	891.9	452.1	467.7	487.6
Autonomous Republic of Crimea	28.0	34.3	13.9	16.7	15.8
oblasts					
Vinnysia	38.6	38.4	22.0	24.4	25.5
Volyn	37.0	25.2	12.4	12.4	12.2
Dnipropetrovsk	88.0	54.4	29.1	29.3	32.3
Donetsk	95.1	57.9	31.7	27.9	33.1
Zhytomyr	57.4	34.3	20.4	21.9	20.2
Zakarpattia	44.2	26.4	12.1	13.0	12.6
Zaporizhia	37.8	33.2	21.0	19.5	22.6
Ivano-Frankivsk	47.2	33.7	14.9	16.4	16.6
Kyiv	53.1	26.6	14.8	15.1	16.7
Kirovohrad	33.7	28.5	14.6	15.9	16.4
Luhansk	56.5	34.0	16.1	17.5	20.8
Lviv	103.8	55.7	23.3	24.7	25.9
Mykolaiv	28.1	27.4	14.9	16.3	17.2
Odesa	14.2	29.0	14.1	14.6	14.3
Poltava	45.6	37.8	25.7	22.5	22.9
Rivne	45.3	37.4	17.1	17.9	17.4
Sumy	50.1	29.5	17.4	15.8	16.5
Ternopil	41.1	42.5	12.5	14.7	15.3
Kharkiv	62.2	46.0	27.1	27.5	26.8
Kherson	22.9	29.8	8.6	10.4	11.5
Khmelnysk	28.1	28.2	16.6	15.8	16.0
Cherkasy	34.0	39.7	19.9	22.6	22.8
Chernivtsi	22.9	27.7	9.3	10.6	10.3
Chernihiv	46.4	25.5	15.7	15.3	15.0
City of Kyiv	15.2	7.0	5.5	7.6	9.5
City of Sevastopol	2.2	1.8	1.4	1.4	1.4

Table 7.11 continued

	2000	2005	2010	2012	2013
Women					
Ukraine	732.8	555.3	253.7	265.4	267.8
Autonomous Republic of Crimea	19.4	22.8	8.9	10.7	9.8
oblasts					
Vinnitsia	24.7	24.0	11.6	12.5	12.6
Volyn	21.2	14.5	6.5	7.1	6.7
Dnipropetrovsk	57.5	35.5	17.2	18.0	18.7
Donetsk	64.3	42.8	20.3	18.5	19.9
Zhytomyr	32.9	21.1	11.3	12.1	11.0
Zakarpattia	26.2	17.3	7.5	8.1	7.8
Zaporizhia	23.9	20.6	11.7	10.8	11.8
Ivano-Frankivsk	29.0	20.8	8.3	9.4	9.3
Kyiv	32.4	17.2	8.4	8.5	9.5
Kirovohrad	21.2	17.8	8.0	8.8	8.7
Luhansk	38.3	24.0	10.0	10.9	12.1
Lviv	61.1	32.8	13.0	13.9	14.4
Mykolaiv	16.8	16.2	8.1	8.9	9.1
Odesa	9.1	17.6	7.5	7.4	7.2
Poltava	28.3	22.9	13.7	12.3	12.0
Rivne	25.6	20.8	9.1	10.0	9.6
Sumy	30.3	18.8	9.4	8.9	9.1
Ternopil	24.3	22.4	6.2	7.3	7.4
Kharkiv	38.7	29.4	15.6	15.9	15.0
Kherson	14.3	17.5	5.0	5.8	6.3
Khmelnysk	18.7	17.7	8.6	8.2	8.1
Cherkasy	21.3	24.5	10.8	12.3	12.0
Chernivtsi	13.5	14.7	4.5	5.2	5.0
Chernihiv	26.4	15.1	8.3	8.2	7.9
City of Kyiv	11.6	5.1	3.3	4.7	5.8
City of Sevastopol	1.8	1.4	0.9	1.0	1.0

Table 7.11 continued

	2000	2005	2010	2012	2013
Men					
Ukraine	445.9	336.6	198.4	202.3	219.8
Autonomous Republic of Crimea	8.6	11.5	5.0	6.0	6.0
oblasts					
Vinnitsia	13.9	14.4	10.4	11.9	12.9
Volyn	15.8	10.7	5.9	5.3	5.5
Dnipropetrovsk	30.5	18.9	11.9	11.3	13.6
Donetsk	30.8	15.1	11.4	9.4	13.2
Zhytomyr	24.5	13.2	9.1	9.8	9.2
Zakarpattia	18.0	9.1	4.6	4.9	4.8
Zaporizhia	13.9	12.6	9.3	8.7	10.8
Ivano-Frankivsk	18.2	12.9	6.6	7.0	7.3
Kyiv	20.7	9.4	6.4	6.6	7.2
Kirovohrad	12.5	10.7	6.6	7.1	7.7
Luhansk	18.2	10.0	6.1	6.6	8.7
Lviv	42.7	22.9	10.3	10.8	11.5
Mykolaiv	11.3	11.2	6.8	7.4	8.1
Odesa	5.1	11.4	6.6	7.2	7.1
Poltava	17.3	14.9	12.0	10.2	10.9
Rivne	19.7	16.6	8.0	7.9	7.8
Sumy	19.8	10.7	8.0	6.9	7.4
Ternopil	16.8	20.1	6.3	7.4	7.9
Kharkiv	23.5	16.6	11.5	11.6	11.8
Kherson	8.6	12.3	3.6	4.6	5.2
Khmelnysk	9.4	10.5	8.0	7.6	7.9
Cherkasy	12.7	15.2	9.1	10.3	10.8
Chernivtsi	9.4	13.0	4.8	5.4	5.3
Chernihiv	20.0	10.4	7.4	7.1	7.1
City of Kyiv	3.6	1.9	2.2	2.9	3.7
City of Sevastopol	0.4	0.4	0.5	0.4	0.4

Table 7.11 continued

	2000	2005	2010	2012	2013
Urban settlements					
Ukraine	904.5	458.5	278.6	279.2	294.8
Autonomous Republic of Crimea	22.3	14.5	7.8	9.3	8.6
oblasts					
Vinnytsia	29.2	15.9	9.7	10.1	10.3
Volyn	27.7	11.4	7.4	7.8	7.4
Dnipropetrovsk	74.7	35.3	23.3	22.4	24.7
Donetsk	88.6	47.6	28.1	23.5	28.0
Zhytomyr	43.5	17.1	11.3	11.6	10.7
Zakarpattia	17.0	8.0	4.5	5.1	5.1
Zaporizhia	31.9	19.7	15.7	13.1	15.6
Ivano-Frankivsk	23.2	10.7	7.1	7.9	7.7
Kyiv	43.0	15.2	9.0	9.0	10.2
Kirovohrad	28.6	16.1	8.5	9.0	9.1
Luhansk	49.7	23.9	12.6	13.3	16.6
Lviv	61.1	24.8	13.1	14.6	15.5
Mykolaiv	21.8	13.5	8.6	9.4	10.0
Odesa	11.9	11.2	6.9	7.0	6.9
Poltava	36.0	18.8	13.6	11.2	11.4
Rivne	29.9	12.1	8.1	8.7	8.5
Sumy	43.1	18.5	11.7	10.6	11.0
Ternopil	28.5	15.0	5.9	6.8	7.3
Kharkiv	52.1	30.7	19.2	18.7	18.1
Kherson	18.9	13.9	5.4	6.6	7.1
Khmelnysk	23.7	13.5	9.0	8.5	8.5
Cherkasy	28.4	19.9	11.2	11.9	12.2
Chernivtsi	12.0	6.4	3.5	4.1	4.0
Chernihiv	40.3	16.0	10.5	10.1	9.8
City of Kyiv	15.2	7.0	5.5	7.6	9.2
City of Sevastopol	2.2	1.8	1.4	1.3	1.3

Table 7.11 continued

	2000	2005	2010	2012	2013
Rural areas					
Ukraine	274.2	433.4	173.5	188.5	192.8
Autonomous Republic of Crimea	5.7	19.8	6.1	7.4	7.2
oblasts					
Vinnytsia	9.4	22.5	12.3	14.3	15.2
Volyn	9.3	13.8	5.0	4.6	4.8
Dnipropetrovsk	13.3	19.1	5.8	6.9	7.6
Donetsk	6.5	10.3	3.6	4.4	5.1
Zhytomyr	13.9	17.2	9.1	10.3	9.5
Zakarpattia	27.2	18.4	7.6	7.9	7.5
Zaporizhia	5.9	13.5	5.3	6.4	7.0
Ivano-Frankivsk	24.0	23.0	7.8	8.5	8.9
Kyiv	10.1	11.4	5.8	6.1	6.5
Kirovohrad	5.1	12.4	6.1	6.9	7.3
Luhansk	6.8	10.1	3.5	4.2	4.2
Lviv	42.7	30.9	10.2	10.1	10.4
Mykolaiv	6.3	13.9	6.3	6.9	7.2
Odesa	2.3	17.8	7.2	7.6	7.4
Poltava	9.6	19.0	12.1	11.3	11.5
Rivne	15.4	25.3	9.0	9.2	8.9
Sumy	7.0	11.0	5.7	5.2	5.5
Ternopil	12.6	27.5	6.6	7.9	8.0
Kharkiv	10.1	15.3	7.9	8.8	8.7
Kherson	4.0	15.9	3.2	3.8	4.4
Khmelnysk	4.4	14.7	7.6	7.3	7.5
Cherkasy	5.6	19.8	8.7	10.7	10.6
Chernivtsi	10.9	21.3	5.8	6.5	6.3
Chernihiv	6.1	9.5	5.2	5.2	5.2
City of Kyiv	-	-	-	-	0.3
City of Sevastopol	-	-	-	0.1	0.1

7.12. Registered unemployment rate, by sex, place of residence and region

	Percent to economically active of working age population, average for the period				
	2000	2005	2010	2012	2013
Total					
Ukraine	5.6	4.4	2.2	2.3	2.4
Autonomous Republic of Crimea	3.1	3.9	1.6	1.8	1.7
oblasts					
Vinnitsia	4.9	5.5	3.2	3.5	3.6
Volyn	8.0	5.8	2.8	2.8	2.7
Dnipropetrovsk	5.5	3.6	1.9	1.9	2.1
Donetsk	4.3	2.7	1.6	1.4	1.6
Zhytomyr	9.9	6.0	3.7	4.0	3.6
Zakarpattia	8.3	4.8	2.2	2.4	2.3
Zaporizhia	4.3	4.0	2.6	2.4	2.8
Ivano-Frankivsk	7.8	6.4	2.8	2.9	2.9
Kyiv	6.7	3.4	2.0	2.0	2.2
Kirovohrad	6.8	6.2	3.4	3.6	3.8
Luhansk	5.3	3.2	1.6	1.8	2.1
Lviv	9.1	5.2	2.1	2.2	2.3
Mykolaiv	5.0	5.0	2.8	3.0	3.2
Odesa	1.4	2.9	1.4	1.4	1.4
Poltava	6.4	5.6	3.9	3.4	3.5
Rivne	9.9	7.7	3.5	3.6	3.5
Sumy	8.7	5.3	3.4	3.1	3.3
Ternopil	9.2	10.1	2.9	3.3	3.4
Kharkiv	4.7	3.6	2.1	2.1	2.1
Kherson	4.4	5.8	1.7	2.1	2.3
Khmelnysk	4.6	4.9	2.9	2.8	2.8
Cherkasy	5.9	6.8	3.4	3.9	3.9
Chernivtsi	6.8	7.9	2.6	2.9	2.8
Chernihiv	8.8	5.1	3.3	3.3	3.2
City of Kyiv	1.2	0.5	0.4	0.6	0.7
City of Sevastopol	1.8	1.1	0.8	0.8	0.8

Table 7.12 continued

	Percent to economically active of working age population, average for the period				
	2000	2005	2010	2012	2013
Women					
Ukraine	7.3	5.8	2.7	2.8	2.8
Autonomous Republic of Crimea	4.4	5.5	2.2	2.6	2.4
oblasts					
Vinnitsia	6.6	7.3	3.6	3.8	3.9
Volyn	9.7	7.0	3.2	3.3	3.1
Dnipropetrovsk	7.6	4.9	2.4	2.5	2.6
Donetsk	6.1	4.2	2.1	1.9	2.0
Zhytomyr	12.1	7.8	4.4	4.7	4.2
Zakarpattia	10.8	6.8	3.1	3.3	3.1
Zaporizhia	5.6	5.3	3.1	2.8	3.1
Ivano-Frankivsk	10.1	8.3	3.4	3.7	3.7
Kyiv	8.4	4.7	2.5	2.4	2.7
Kirovohrad	8.9	8.2	3.9	4.3	4.3
Luhansk	7.6	4.8	2.1	2.4	2.6
Lviv	11.1	6.7	2.6	2.7	2.8
Mykolaiv	6.2	6.3	3.3	3.6	3.7
Odesa	1.9	3.9	1.6	1.6	1.6
Poltava	8.2	7.1	4.4	4.0	3.8
Rivne	12.0	9.2	4.0	4.4	4.1
Sumy	11.0	7.0	3.9	3.6	3.7
Ternopil	11.5	11.3	3.0	3.5	3.6
Kharkiv	6.0	5.0	2.7	2.7	2.5
Kherson	5.8	7.3	2.3	2.7	2.9
Khmelnysk	6.5	6.6	3.3	3.1	3.1
Cherkasy	7.7	9.1	3.9	4.5	4.4
Chernivtsi	8.5	9.6	2.9	3.4	3.3
Chernihiv	10.3	6.4	3.7	3.6	3.4
City of Kyiv	1.9	0.8	0.5	0.7	0.9
City of Sevastopol	3.3	1.8	1.1	1.3	1.3

Table 7.12 continued

	Percent to economically active of working age population, average for the period				
	2000	2005	2010	2012	2013
Men					
Ukraine	4.0	3.1	1.8	1.8	2.0
Autonomous Republic of Crimea	1.8	2.5	1.0	1.2	1.2
oblasts					
Vinnytsia	3.4	3.8	2.8	3.2	3.4
Volyn	6.5	4.6	2.5	2.3	2.3
Dnipropetrovsk	3.6	2.4	1.5	1.3	1.6
Donetsk	2.7	1.4	1.1	0.9	1.3
Zhytomyr	8.0	4.5	3.1	3.3	3.1
Zakarpattia	6.2	3.0	1.5	1.6	1.6
Zaporizhia	3.1	2.8	2.1	2.0	2.5
Ivano-Frankivsk	5.7	4.6	2.3	2.3	2.3
Kyiv	5.0	2.3	1.6	1.6	1.7
Kirovohrad	4.9	4.4	2.9	3.0	3.3
Luhansk	3.2	1.8	1.1	1.2	1.6
Lviv	7.1	4.0	1.7	1.8	1.9
Mykolaiv	3.8	3.8	2.3	2.6	2.7
Odesa	0.9	2.1	1.2	1.2	1.2
Poltava	4.7	4.1	3.4	2.9	3.1
Rivne	8.0	6.4	3.1	3.0	2.9
Sumy	6.6	3.7	3.0	2.6	2.9
Ternopil	7.2	9.0	2.7	3.1	3.3
Kharkiv	3.4	2.4	1.7	1.7	1.7
Kherson	3.1	4.6	1.3	1.7	1.9
Khmelnysk	2.9	3.5	2.6	2.5	2.6
Cherkasy	4.2	4.8	3.0	3.4	3.5
Chernivtsi	5.3	6.6	2.4	2.6	2.5
Chernihiv	7.4	4.0	3.1	3.0	3.0
City of Kyiv	0.6	0.3	0.3	0.4	0.5
City of Sevastopol	0.6	0.5	0.5	0.4	0.4

Table 7.12 continued

	Percent to economically active of working age population, average for the period				
	2000	2005	2010	2012	2013
Urban settlements					
Ukraine	6.0	3.2	2.0	2.0	2.1
Autonomous Republic of Crimea	3.6	2.5	1.4	1.7	1.6
oblasts					
Vinnytsia	7.3	4.5	2.8	2.8	2.9
Volyn	11.8	5.1	3.4	3.5	3.3
Dnipropetrovsk	5.4	2.7	1.8	1.7	1.8
Donetsk	4.4	2.5	1.5	1.3	1.5
Zhytomyr	12.6	5.1	3.6	3.6	3.3
Zakarpattia	7.7	3.6	2.0	2.2	2.2
Zaporizhia	4.7	3.0	2.5	2.0	2.5
Ivano-Frankivsk	8.4	4.3	2.9	3.2	3.1
Kyiv	8.5	3.1	1.9	1.9	2.1
Kirovohrad	8.8	5.5	3.0	3.2	3.3
Luhansk	5.3	2.6	1.5	1.6	1.9
Lviv	8.4	3.8	1.9	2.1	2.2
Mykolaiv	5.6	3.6	2.4	2.6	2.7
Odesa	1.7	1.6	1.0	1.0	1.0
Poltava	8.2	4.4	3.3	2.7	2.8
Rivne	12.3	4.8	3.5	3.8	3.7
Sumy	10.7	4.7	3.2	3.0	3.2
Ternopil	13.1	8.4	2.9	3.3	3.6
Kharkiv	4.9	3.0	1.9	1.8	1.7
Kherson	5.7	4.7	1.9	2.4	2.5
Khmelnysk	6.9	4.1	2.8	2.5	2.5
Cherkasy	8.3	5.7	3.3	3.5	3.6
Chernivtsi	7.1	4.3	3.2	3.2	3.0
Chernihiv	11.8	5.0	3.5	3.3	3.2
City of Kyiv	1.2	0.5	0.4	0.6	0.7
City of Sevastopol	2.1	1.2	0.8	0.8	0.8

Table 7.12 continued

	Percent to economically active of working age population, average for the period				
	2000	2005	2010	2012	2013
Rural areas					
Ukraine	4.5	7.1	2.8	3.1	3.1
Autonomous Republic of Crimea	1.9	6.3	1.9	2.1	2.1
oblasts					
Vinnitsia	2.4	6.5	3.5	4.2	4.3
Volyn	4.1	6.5	2.3	2.1	2.1
Dnipropetrovsk	5.8	8.0	2.5	3.0	3.3
Donetsk	3.5	5.4	1.9	2.3	2.7
Zhytomyr	6.0	7.5	3.8	4.5	4.0
Zakarpattia	8.7	5.5	2.4	2.5	2.4
Zaporizhia	3.2	7.5	2.8	3.5	3.8
Ivano-Frankivsk	7.2	8.1	2.7	2.8	2.8
Kyiv	3.5	4.1	2.2	2.2	2.3
Kirovohrad	3.0	7.5	4.1	4.5	4.7
Luhansk	5.4	6.5	2.4	2.9	3.0
Lviv	10.1	7.7	2.4	2.4	2.5
Mykolaiv	3.6	8.0	3.5	4.0	4.1
Odesa	0.7	5.8	2.1	2.3	2.2
Poltava	3.6	7.4	4.9	4.5	4.5
Rivne	7.1	10.9	3.5	3.4	3.3
Sumy	4.1	6.6	4.1	3.3	3.5
Ternopil	5.5	11.3	2.8	3.3	3.3
Kharkiv	3.7	5.7	3.3	3.5	3.5
Kherson	2.1	7.4	1.5	1.8	2.1
Khmelnysk	1.6	6.0	3.0	3.1	3.2
Cherkasy	2.4	8.4	3.6	4.5	4.4
Chernivtsi	6.5	10.5	2.4	2.8	2.7
Chernihiv	3.3	5.3	3.1	3.2	3.2
City of Kyiv	-	-	-	-	x
City of Sevastopol	-	-	-	1.0	1.0

7.13. Duration of registered unemployment, by region, 2013

(at the end of year)

	Number of registered unemployed - total. thsd. prs.	including by duration of unemployment						Average duration of unemployment, months ¹
		up to 1 month	1 - 3 months	3 - 6 months	6 - 9 months	9 - 12 months	12 months and more	
Ukraine	487.7	121.7	145.8	111.0	64.3	35.9	9.0	4
Autonomous Republic of Crimea	17.3	4.0	7.2	3.1	1.5	1.1	0.4	3
oblasts								
Vinnitsia	26.7	9.4	7.3	4.6	2.9	2.1	0.4	3
Volyn	11.1	2.6	3.2	2.8	1.5	0.8	0.2	4
Dnipropetrovsk	32.5	7.4	9.6	7.7	4.7	2.5	0.6	4
Donetsk	33.0	6.0	9.5	9.0	5.4	2.6	0.5	4
Zhytomyr	18.0	3.9	4.5	4.7	2.8	1.6	0.5	4
Zakarpattia	8.7	1.2	2.3	2.7	1.7	0.7	0.1	5
Zaporizhia	24.1	5.1	8.6	5.4	2.8	1.8	0.4	4
Ivano-Frankivsk	15.4	3.2	4.2	4.6	2.3	1.0	0.1	4
Kyiv	16.1	3.9	4.3	3.7	2.5	1.4	0.3	4
Kirovohrad	18.6	6.0	4.9	3.5	1.9	1.5	0.8	4
Luhansk	22.4	4.1	6.7	5.3	3.5	2.1	0.7	4
Lviv	23.1	4.4	7.1	7.0	3.3	1.1	0.2	4
Mykolaiv	18.8	4.9	6.3	3.6	2.0	1.6	0.4	4
Odesa	14.2	4.6	5.4	2.3	1.2	0.6	0.1	3
Poltava	24.5	7.5	7.2	4.6	2.9	1.9	0.4	3
Rivne	16.5	3.3	4.5	4.2	2.6	1.4	0.5	4
Sumy	16.6	4.1	4.8	3.5	2.4	1.4	0.4	4
Ternopil	16.5	5.7	4.6	3.5	1.7	0.8	0.2	3
Kharkiv	26.8	7.2	7.5	6.0	3.8	1.8	0.5	4
Kherson	13.1	3.5	5.3	2.5	1.1	0.6	0.1	3
Khmelnysk	17.3	6.0	4.9	3.3	1.8	1.0	0.3	3
Cherkasy	22.2	5.8	6.3	5.0	2.9	1.8	0.4	4
Chernivtsi	9.5	2.2	2.7	2.0	1.3	1.0	0.3	4
Chernihiv	14.3	4.0	3.8	3.4	2.0	1.0	0.1	4
City of Kyiv	9.0	1.5	2.6	2.6	1.6	0.6	0.1	4
City of Sevastopol	1.4	0.2	0.5	0.4	0.2	0.1	0.0	4

¹The average duration of unemployment is calculated by a detailed interval series.

7.14. Unemployment benefits, by region

(December of relevant year)

	2000		2005		2010		2012		2013	
	in average per 1 person, UAH	percent to the legally established minimum wage	in average per 1 person, UAH	percent to the legally established minimum wage	in average per 1 person, UAH	percent to the legally established minimum wage	in average per 1 person, UAH	percent to the legally established minimum wage	in average per 1 person, UAH	percent to the legally established minimum wage
Ukraine	59.39	50.3	192.89	58.1	780.05	84.6	1,027.54	90.6	1,171.96	96.2
Autonomous Republic of Crimea	57.70	48.9	200.04	60.3	755.97	82.0	966.59	85.2	1,083.60	89.0
oblasts										
Vinnitsia	49.97	42.3	190.99	57.5	795.80	86.3	974.18	85.9	1,015.86	83.4
Volyn	51.73	43.8	165.33	49.8	715.26	77.6	908.48	80.1	989.70	81.3
Dnipropetrovsk	64.78	54.9	238.68	71.9	865.04	93.8	1,170.12	103.2	1,372.45	112.7
Donetsk	68.75	58.3	218.08	65.7	842.98	91.4	1,273.40	112.3	1,403.18	115.2
Zhytomyr	51.81	43.9	189.36	57.0	739.56	80.2	906.22	79.9	1,009.80	82.9
Zakarpattia	38.71	32.8	166.60	50.2	671.71	72.9	869.03	76.6	920.28	75.6
Zaporizhia	69.23	58.7	187.95	56.6	760.50	82.5	1,061.14	93.6	1,106.59	90.9
Ivano-Frankivsk	54.55	46.2	168.55	50.8	703.86	76.3	853.96	75.3	941.20	77.3
Kyiv	64.00	54.2	233.34	70.3	890.74	96.6	1,232.55	108.7	1,441.50	118.3
Kirovohrad	58.53	49.6	190.10	57.3	733.94	79.6	957.59	84.4	1,017.50	83.5
Luhansk	66.07	56.0	214.97	64.8	793.50	86.1	1,086.46	95.8	1,208.20	99.2
Lviv	50.37	42.7	169.66	51.1	721.88	78.3	896.41	79.0	1,008.19	82.8
Mykolaiv	56.44	47.8	188.76	56.9	773.76	83.9	947.22	83.5	983.87	80.8
Odesa	63.24	53.6	168.78	50.8	724.05	78.5	1,048.03	92.4	1,257.00	103.2
Poltava	68.34	57.9	208.64	62.8	812.74	88.1	1,047.98	92.4	1,144.41	94.0
Rivne	48.47	41.1	163.98	49.4	701.02	76.0	882.06	77.8	953.15	78.3
Sumy	55.75	47.2	190.55	57.4	774.99	84.1	975.50	86.0	1,022.26	83.9
Ternopil	46.45	39.4	147.55	44.4	680.02	73.8	847.91	74.8	902.00	74.1
Kharkiv	71.40	60.5	205.06	61.8	768.55	83.4	1,030.66	90.9	1,119.04	91.9
Kherson	62.13	52.7	182.22	54.9	723.71	78.5	928.04	81.8	1,013.00	83.2
Khmelnysk	59.08	50.1	168.32	50.7	725.01	78.6	931.67	82.2	1,032.90	84.8
Cherkasy	57.24	48.5	187.30	56.4	778.87	84.5	994.50	87.7	1,089.26	89.4
Chernivtsi	41.60	35.3	151.06	45.5	733.66	79.6	887.87	78.3	967.30	79.4
Chernihiv	64.76	54.9	185.16	55.8	746.34	80.9	954.94	84.2	1,082.93	88.9
City of Kyiv	122.06	103.4	522.13	157.3	1,894.00	205.4	2,460.22	217.0	2,787.88	228.9
City of Sevastopol	83.99	71.2	320.70	96.6	1,076.17	116.7	1,415.08	124.8	1,769.90	145.3

7.15. Registered unemployed, by age group, sex and region, 2013

(at the end of year)

	Number of registered unemployed - total, thsd. prs.	including by age group (years), percent to the total								
		15-19 років	20-24 років	25-29 років	30-34 років	35-39 років	40-44 років	45-49 років	50-54 років	55-59 років
Total										
Ukraine	487.7	3.1	11.7	14.2	13.1	12.5	11.9	11.9	13.8	7.8
Autonomous Republic of Crimea	17.3	2.1	9.3	12.3	12.0	11.5	12.1	13.4	17.5	9.8
oblasts										
Vinnitsia	26.7	3.1	10.6	12.9	12.1	12.8	13.4	13.4	14.5	7.2
Volyn	11.1	6.3	16.0	15.4	13.3	10.9	9.7	9.3	11.8	7.3
Dnipropetrovsk	32.5	1.6	10.8	15.8	14.0	13.1	11.9	12.0	14.0	6.8
Donetsk	33.0	2.1	11.5	15.7	14.9	12.8	11.4	11.2	13.2	7.2
Zhytomyr	18.0	4.0	12.4	13.9	13.1	12.8	13.2	12.6	11.8	6.2
Zakarpattia	8.7	5.5	12.3	13.1	13.1	11.7	10.2	10.3	13.5	10.3
Zaporizhia	24.1	1.8	11.3	14.1	13.1	12.5	11.5	12.6	14.8	8.3
Ivano-Frankivsk	15.4	8.1	18.3	14.8	12.1	10.0	8.9	9.2	11.0	7.6
Kyiv	16.1	2.3	10.7	15.5	14.7	13.8	13.0	13.2	11.9	4.9
Kirovohrad	18.6	2.3	11.9	13.6	12.5	13.0	12.9	12.6	13.5	7.7
Luhansk	22.4	2.1	11.6	15.0	13.7	12.2	11.8	12.1	14.8	6.7
Lviv	23.1	6.7	17.1	15.7	12.9	10.2	9.2	9.3	11.3	7.6
Mykolaiv	18.8	2.6	10.6	13.9	13.3	13.4	11.9	11.4	14.3	8.6
Odesa	14.2	2.5	7.6	11.5	12.3	13.7	13.7	14.0	16.0	8.7
Poltava	24.5	1.7	10.4	13.8	12.5	12.9	12.8	13.3	14.3	8.3
Rivne	16.5	6.0	15.4	14.2	12.9	11.2	11.6	11.2	11.2	6.3
Sumy	16.6	2.1	10.6	13.5	12.7	11.8	12.1	12.4	15.5	9.3
Ternopil	16.5	7.0	16.3	13.6	11.3	10.4	10.7	10.5	12.7	7.5
Kharkiv	26.8	1.2	9.0	13.8	13.5	13.6	12.6	12.6	15.2	8.5
Kherson	13.1	1.6	10.4	13.4	12.6	12.7	12.0	12.1	15.7	9.5
Khmelnysk	17.3	3.7	11.7	12.8	11.7	12.4	12.8	12.5	14.2	8.2
Cherkasy	22.2	1.8	10.5	13.3	13.0	13.4	13.8	12.9	14.2	7.1
Chernivtsi	9.5	5.4	13.2	13.5	12.3	12.1	10.8	10.8	12.5	9.4
Chernihiv	14.3	1.8	10.4	13.7	13.2	12.5	12.0	12.2	14.6	9.6
City of Kyiv	9.0	0.6	6.5	17.1	18.2	15.0	11.7	10.0	13.5	7.4
City of Sevastopol	1.4	1.4	10.5	17.3	16.9	12.5	9.8	10.3	13.0	8.3

Table 7.15 continued

	Number of registered unemployed - total, thsd. prs.	including by age group (years), percent to the total								
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 and more
Women										
Ukraine	256.9	3.3	12.2	15.3	14.2	13.0	12.1	12.1	14.3	3.5
Autonomous Republic of Crimea	11.1	1.8	8.8	12.8	12.4	12.1	13.2	14.4	19.4	5.1
oblasts										
Vinnitsia	12.3	3.8	10.8	14.1	13.6	13.2	13.5	13.5	14.6	2.9
Volyn	6.3	6.8	17.3	16.9	14.7	11.1	9.8	9.1	11.3	3.0
Dnipropetrovsk	17.6	1.8	11.1	16.7	14.6	13.8	11.7	12.1	14.7	3.5
Donetsk	19.0	2.2	11.6	16.0	15.2	13.0	11.5	11.5	14.8	4.2
Zhytomyr	9.7	4.2	12.7	15.1	14.2	14.0	13.1	13.1	11.2	2.4
Zakarpattia	5.6	5.8	12.9	14.3	13.8	12.1	11.2	10.9	13.6	5.4
Zaporizhia	12.1	1.8	11.8	15.6	14.1	12.8	12.1	12.8	15.4	3.6
Ivano-Frankivsk	8.8	8.6	19.2	16.0	12.6	10.3	9.4	9.1	11.3	3.5
Kyiv	9.0	2.5	11.2	16.4	15.8	14.2	13.5	13.3	11.0	2.1
Kirovohrad	8.9	2.3	12.6	14.5	14.1	13.4	13.1	12.5	14.3	3.2
Luhansk	11.9	1.9	12.0	15.3	13.8	12.0	11.9	12.5	16.7	3.9
Lviv	13.1	7.1	18.1	16.8	13.9	10.6	9.7	9.5	11.4	2.9
Mykolaiv	9.3	2.4	10.6	15.1	14.5	14.6	12.4	11.8	14.9	3.7
Odesa	7.1	2.8	7.6	12.5	13.0	13.8	14.7	14.4	17.7	3.5
Poltava	11.6	1.9	10.6	14.5	13.6	13.4	13.0	13.8	15.2	4.0
Rivne	9.0	6.0	16.4	15.1	14.2	12.0	11.9	11.8	10.2	2.4
Sumy	8.5	2.2	11.4	15.8	14.4	12.4	12.0	12.1	16.0	3.7
Ternopil	7.5	8.1	18.5	15.3	12.7	10.9	10.3	9.6	11.9	2.7
Kharkiv	13.7	1.3	9.1	15.2	15.2	13.9	12.5	12.9	16.1	3.8
Kherson	6.8	1.7	10.2	14.3	13.9	13.8	12.3	13.2	16.5	4.1
Khmelnysk	8.1	3.9	12.7	14.0	13.5	13.6	12.3	12.5	14.7	2.8
Cherkasy	11.3	1.9	11.1	15.0	14.2	13.4	14.1	13.0	14.2	3.1
Chernivtsi	4.7	6.1	13.3	14.3	12.7	13.9	11.5	11.1	12.6	4.5
Chernihiv	7.3	1.9	10.9	15.4	14.8	13.8	11.9	12.6	15.2	3.5
City of Kyiv	5.6	0.7	7.2	18.0	18.8	15.9	11.3	10.1	14.4	3.6
City of Sevastopol	1.0	1.4	11.0	19.0	16.6	12.0	10.2	10.7	14.4	4.7

Table 7.15 continued

	Number of registered unemployed - total, htous. prs.	including by age group (years), percent to the total								
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59
Men										
Ukraine	230.8	2.8	11.2	12.9	12.0	11.9	11.7	11.7	13.2	12.6
Autonomous Republic of Crimea	6.2	2.6	10.1	11.5	11.4	10.4	10.2	11.4	14.0	18.4
oblasts										
Vinnitsia	14.4	2.5	10.5	11.8	10.9	12.5	13.3	13.3	14.3	10.9
Volyn	4.8	5.6	14.3	13.6	11.5	10.6	9.6	9.5	12.5	12.8
Dnipropetrovsk	14.9	1.5	10.5	14.7	13.4	12.2	12.0	11.8	13.2	10.7
Donetsk	14.0	2.0	11.5	15.3	14.4	12.6	11.3	10.8	10.9	11.2
Zhytomyr	8.3	3.7	12.0	12.4	11.9	11.4	13.4	12.1	12.4	10.7
Zakarpattia	3.1	4.9	11.3	10.8	11.8	11.0	8.3	9.3	13.4	19.2
Zaporizhia	12.0	1.8	10.8	12.7	12.0	12.2	10.9	12.4	14.2	13.0
Ivano-Frankivsk	6.6	7.5	17.0	13.2	11.4	9.4	8.3	9.3	10.7	13.2
Kyiv	7.1	2.1	10.0	14.3	13.5	13.3	12.4	12.9	13.0	8.5
Kirovohrad	9.7	2.2	11.2	12.9	11.0	12.6	12.7	12.7	12.8	11.9
Luhansk	10.5	2.3	11.0	14.6	13.7	12.4	11.7	11.7	12.6	10.0
Lviv	10.0	6.2	15.8	14.2	11.6	9.8	8.4	9.1	11.1	13.8
Mykolaiv	9.5	2.8	10.6	12.7	12.2	12.3	11.4	11.0	13.7	13.3
Odesa	7.1	2.2	7.7	10.5	11.5	13.6	12.7	13.6	14.3	13.9
Poltava	12.9	1.6	10.2	13.1	11.5	12.5	12.6	12.8	13.5	12.2
Rivne	7.5	6.0	14.0	13.2	11.3	10.3	11.2	10.6	12.5	10.9
Sumy	8.1	2.0	9.9	11.1	10.8	11.1	12.2	12.8	14.9	15.2
Ternopil	9.0	6.0	14.4	12.2	10.2	10.0	11.0	11.3	13.4	11.5
Kharkiv	13.1	1.1	8.8	12.3	11.7	13.2	12.7	12.3	14.4	13.5
Kherson	6.3	1.5	10.7	12.4	11.1	11.5	11.5	11.0	14.8	15.5
Khmelnysk	9.2	3.5	10.9	11.8	10.2	11.3	13.2	12.5	13.6	13.0
Cherkasy	10.9	1.7	10.0	11.4	11.8	13.3	13.6	12.7	14.2	11.3
Chernivtsi	4.8	4.6	13.1	12.8	11.9	10.3	10.1	10.6	12.5	14.1
Chernihiv	7.0	1.7	9.8	12.0	11.5	11.2	12.2	11.8	14.0	15.8
City of Kyiv	3.4	0.4	5.6	15.6	17.3	13.5	12.2	9.7	12.2	13.5
City of Sevastopol	0.4	1.4	9.2	13.2	17.6	13.6	9.0	9.5	9.9	16.6