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**Economic Activity
of Population in Ukraine
2015**

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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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When using data and materials from this Statistical publication, please make sure you have made reference to the original publication.

Foreword

This publication presents information about labour force and its characteristics on Ukraine's labour market in 2015.

Data on basic indicators of economic activity of the population have been obtained based on the results of population (households) sample survey on issues of economic activity.

The publication contains the description of methodological and organizational principles of conducting this survey, methods of sample design of households and definitions and concepts of indicators and data reliability evaluations.

Also, the publication presents data on demand and supply of labour force on registered labour market that are based on information from the State Employment Service.

Information is systematized by theme according to 7 sections of the publication.

In sections 1–4 there are data on economically active population, employed and unemployed, defined by the methodology of International Labour Organization (ILO).

Section 5 presents information on economic activity of the population in 2010-2015 while section 6 - comparison indicators of employment, unemployment (according to the ILO methodology) in Ukraine with European Union countries (EU).

Section 7 presents data about indicators on registered labour market (number of the registered unemployed and their job placement, demands of employers for employees, etc).

Also, the publication includes brief analytical review of labour market situation in 2015. Some phenomena are illustrated in diagrams that give an idea of the main trends on the labour market of Ukraine.

We hope that the 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

Information for 2010-2014 excludes the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol, for 2015 it also excludes a part of the zone where anti-terrorist operation is conducted.

Some data from statistical and analytical review have been updated as compared to those previously published.

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 of population (households) sample survey on issues of economic activity (hereinafter – the EAP survey) is to obtain data 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 EAP 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 EAP 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 month at a spell of questioning – break for 9 months – questioning during the next 3 months. The size of monthly sample population of households is 16.0 thousand (excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol).

During 2015, 109.5 thousand respondents aged 15-70 have been questioned that makes up 0.38% of resident population of Ukraine of the specified age. The number of the made interviews is 303.4 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, 2015, about the number of the resident population aged 15-70 were used.

Location of the survey

The EAP survey is 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 plan disaster and from 2014 also the temporarily-occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol;

- have all persons that are younger then 15 or older then 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 population (households) sample survey on issues of economic activity

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

of methodological nature:

- development, approval and copying the tools that include the inquiry forms, instructions for experts in interviewing, invitation - letter to households to participate in the survey;

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 on 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;
- calculation of weighted coefficients for the dissemination of information to the general population and receiving estimates of indicators;

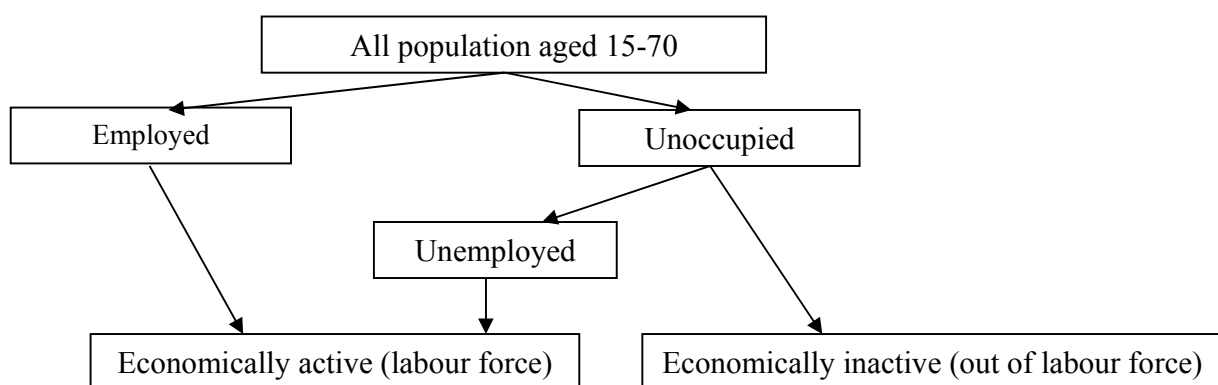
- development of indicators for quality of information and its representativeness at all levels of usage;

- construction of tables to be published and relevant analytical materials, etc.

Basic methodological definitions and notions

The basic definitions and notions about the economic activity of the population developed according to standards and recommendations of ILO 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.

According to results of the population (households) sample survey 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 (beyond the labour force):



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

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 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 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 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, beyond own household.

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

Employment rate is compiled as a ratio (per cent) of the employed population aged 15-70 to the total population of the specific age or population by 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 number of employees at enterprises, departments, organizations covers the employed who concluded a labour agreement (contract, civil and legal treaty) at their work. This agreement could be either permanent or temporary. This category includes employees of entities, budget funded and financial establishments and nongovernment organizations as well as professional military personnel in career service (apart from military service for a regular term), persons from private corps and key personnel of law-enforcement bodies.

The employed are recorded by place of their work, i.e. the place where the enterprise or its structural branch is located and classified by relevant type of economic activity.

Informal employment covers informal work places at enterprises of both formal and informal sectors. The guidelines regarding statistical definition of informal employment were adopted by the 17th International Conference of Labour Statisticians in 2003. Taking into account the regulations of this document as well as in line with methodological regulations on definition of informal employment of the population approved by SSSU decree 16 of January 23, 2013, the informally employed include the following categories of the employed population:

- employed at enterprises of informal sector (unregistered own-account workers, employers and their wage workers, contributing family workers, etc);
- contributing family workers at enterprises of formal sector;
- employees who work at informal work places of formal sector (persons who worked according to oral agreement or did not have any social guarantees, particularly: no single contribution for compulsory state social insurance has been paid for them, they did not have right to annual leave; paid sick leave).

Status in employment 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.

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.

Self-employed 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 one's own account or with one or more business partners at one's own enterprise (one's own business) and as such employ wage workers on regularly basis to work at their enterprise.

Own-account workers are persons who carried out activities producing income independently or with one or more business partners and do not employ wage workers on regular basis.

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

Average actual duration of working week 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 (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.

Economically inactive population (outside of labour force) 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 engaged into household (family) work
- 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 (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.

Within the framework of EAP survey, prior to 2012 the **working age persons** include women aged 15–54 and men aged 15–59. 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, in 2013 – women aged 56, in 2014 – women aged 57, in 2015 – women aged 58.

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

Load of the registered unemployed per one vacancy is defined as a ratio of the number of registered unemployed to the number of vacancies claimed by employers.

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 organization 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 labour 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 population (households) sample survey on issues of 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 age 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 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 who were looking for a job during 12 months and more to the economically active population (labour force) of the specific age.

Professional affiliation 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.

* Page 38 of the training aid *Labor 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.

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 a national territorial probability sample of non-institutional households has been built. The validity period of the geographical sample for the survey is five years, namely: January 2014 – December 2018.

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 primary sample territorial units (PSTU);
- 5) selection of secondary sample territorial units (SSTU);
- 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 people and more (hereinafter – the “cities” of the region strata), towns, city councils and town councils with population of less than 100,000 people (hereinafter – the “towns” of the region strata) and 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 2014-2018: living conditions of households, economic activity of population and agricultural activities of the population in rural areas. - K: State Statistics Service, 2013, in Ukrainian.

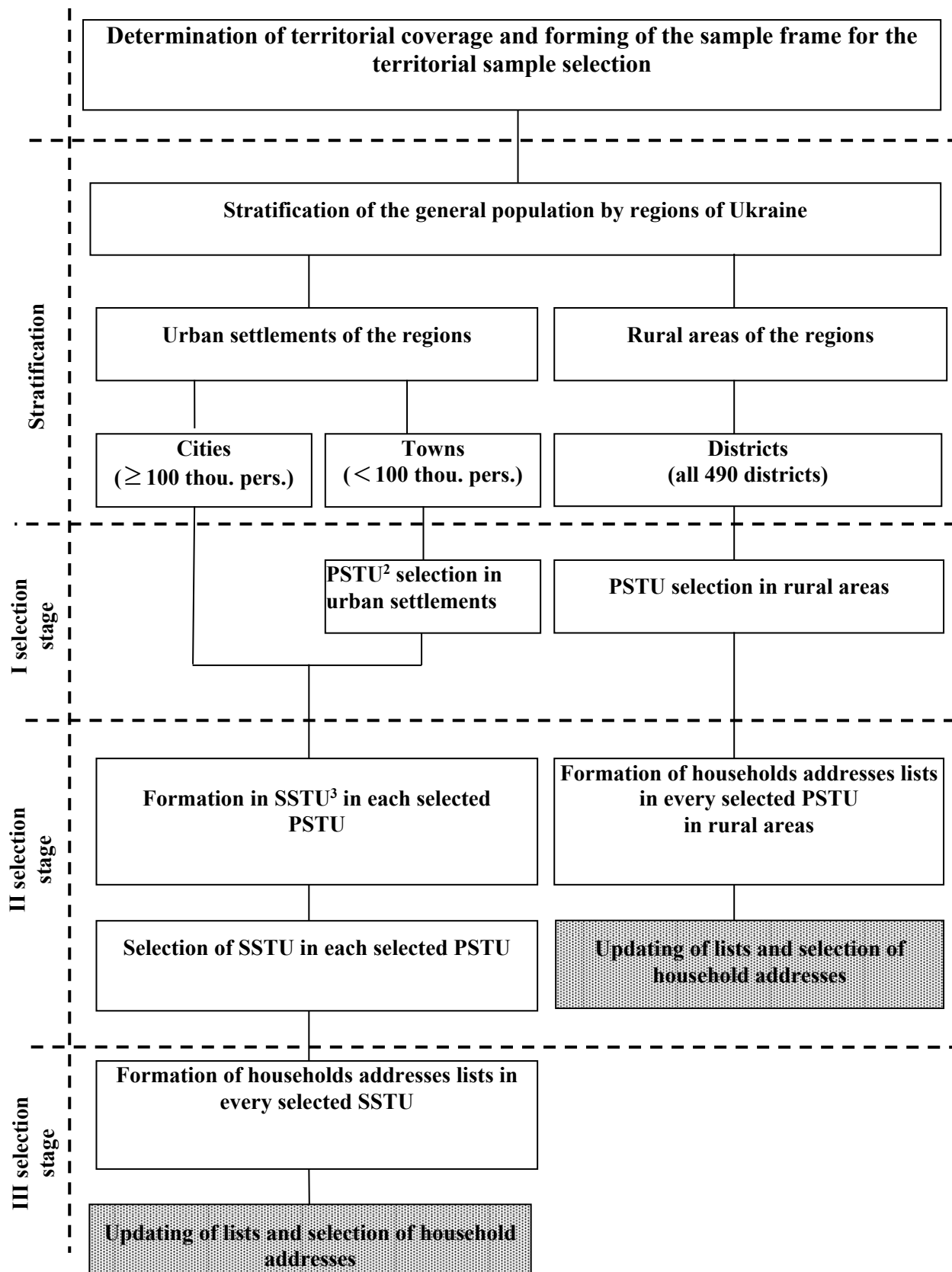


Fig. 1. Formation of the sample for base sample surveys of population (households) in 2014-2018. Note. Marked in grey are stages of sample generation implemented annually; marked in white are stages implemented once for the entire validity period of an area sample, i.e. from 2014 to 2018 inclusive.

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 - quarter (part of quarter, group of quarters) which are formed by preparatory All-Ukrainian population census "Compilation of quarterly lists of houses and other residential buildings in large urban areas and rural towns and villages listings for All-Ukrainian population census 2012".

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 one interviewer shall examine every PSTU of a "town" stratum.

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 the EAP survey in the rural areas are selected one of every three the PSTU selected for a survey of agricultural activity of the population (SAAP) excluding PSTU formed of the rural population, subordinated city (settlement) district councils value.

1.2 Generation and selection of secondary sample territorial units

Generation and selection of secondary sample territorial units (SSTU) is the second stage of the procedure of generation of a household sampling frame in urban settlements. Generation and selection of SSTU are selected at the regional level within each selected urban settlements in PSTU once the entire duration of the territorial sample.

The basis for SSTU generation in urban settlements is the preparatory materials all-Ukrainian population census "Compilation of quarterly lists of houses and other residential buildings in large urban areas and rural towns and villages listings for all-Ukrainian population census 2012" as the most complete and topical (as close as possible in time to the moment of formation of territorial sample) source of information.

Selection of SSTU is based on a random sampling mechanism with probability proportional to the size (the number of population). For interviewer surveys in urban area selected two territorial units.

The distribution of the total number of SSTU in urban settlements and of PSTU in rural areas for conducting the EAP survey in 2014-2018 is shown in Table 1.

Table 1

**Distribution of the total number of selected territorial units for conducting
the EAP survey by the regions in 2014-2018**

	Total SSTU in urban settlements	including in		Total PSTU in rural areas
		cities	towns	
Ukraine	782	438	344	579
Autonomous Republic of Crimea	26	16	10	17
oblasts				
Vinnitsia	24	10	14	31
Volyn	20	6	14	19
Dnipropetrovsk	52	40	12	23
Donetsk	66	38	28	22
Zhytomyr	22	8	14	25
Zakarpattia	18	6	12	19
Zaporizhia	34	20	14	25
Ivano-Frankivsk	18	6	12	19
Kyiv	36	6	30	27
Kirovohrad	26	12	14	23
Luhansk	42	22	20	21
Lviv	32	14	18	29
Mykolaiv	30	18	12	21
Odesa	34	24	10	30
Poltava	22	16	6	28
Rivne	16	8	8	19
Sumy	22	8	14	20
Ternopil	12	6	6	21
Kharkiv	44	26	18	29
Kherson	28	12	16	29
Khmelnysk	20	8	12	21
Cherkasy	26	14	12	21
Chernivtsi	14	8	6	15
Chernihiv	20	8	12	25
City of Kyiv (city council)	60	60	x	x
City of Sevastopol (city council)	18	18	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 group	13													
	14	14												
	15	15	15											
		16	16	16										
			17	17	17									
				18	18	18								
					19	19	19							
						20	20	20						
							21	21	21					
								22	22	22				
									23	23	23			
										24	24	24		
											25	25		
												26		
		25												
		26	26											
		27	27	27										
			28	28	28									
				29	29	29								
					30	30	30							
						31	31	31						
							32	32	32					
								33	33	33				
									34	34	34			
										35	35	35		
											36	36	36	
												37	37	
													38	

Fig. 2. Household rotation pattern of the 2015 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 that are obtained from the EAP survey results. 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 2015 the average share of household selection was $1/862$, i.e. one household of the sample represented an average of 862 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 the EAP survey 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 non-existent 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, 50-55 years old, 56-59 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 01.01.2015 and the EAP survey results (unweight)

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	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0	0.0
including by age group:									
15-19 years	5.8	6.6	-0.8	5.2	6.1	-0.9	6.6	7.2	-0.6
20-24 years	5.7	8.7	-3.0	5.2	8.1	-2.9	6.2	9.4	-3.2
25-29 years	7.4	10.9	-3.5	7.1	10.2	-3.1	7.7	11.7	-4.0
30-34 years	8.4	10.9	-2.5	8.0	10.3	-2.3	8.8	11.6	-2.8
35-39 years	8.9	9.9	-1.0	8.9	9.5	-0.6	8.8	10.3	-1.5
40-44 years	9.7	9.6	0.1	9.6	9.3	0.3	9.9	9.8	0.1
45-49 years	9.9	8.9	1.0	9.6	8.8	0.8	10.3	8.8	1.5
50-54 years	11.1	9.9	1.2	11.0	10.2	0.8	11.2	9.6	1.6
55-59 years	11.3	9.4	1.9	11.9	10.1	1.8	10.8	8.7	2.1
60-64 years	11.0	8.2	2.8	11.6	9.2	2.4	10.3	7.2	3.1
65-70 years	10.8	7.0	3.8	11.9	8.2	3.7	9.4	5.7	3.7

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 the EAN 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 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 the EAN survey in 2015

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

The presented data reveal that the obtained estimates of indicators are sufficiently reliable both for Ukraine on the whole and for the specified breakdowns. Thus, the variation coefficient for the estimate of the number of economically active population on average for 2015 equals 0.9% that shows the high reliability of the obtained data (annex 1.1). At that, the largest value of this indicator was observed among rural population (2.2%). Average quarterly data regarding the number of economically active population are also rather reliable (the variation coefficients are within the range from 1.1% to 1.2%).

The value of limiting sample error for this indicator is 325.2 thousand persons. This implies that with the 0.95 probability, the estimate of the number of economically active population on average for 2015 is within the bounds of 18,097.9 thousand persons +/- 325.2 thousand persons, i.e. within the interval of 17,772.7 ÷ 18,423.1 thousand persons.

A sufficiently high level of reliability has the average annual estimates of the number of the employed population and economically inactive population (the variation coefficient is within the range of 1.0% and 1.1% accordingly). The reliability of these indicators in rural areas was lower as compared to urban settlements where the variation coefficient for both indicators amounted to 2.3% and 2.6% accordingly. The estimate of the number of the unemployed population across Ukraine (annex 3.1) is also sufficiently reliable (the variation coefficient was 3.2%). The estimates of this indicator by the 2015 quarters is also rather reliable (the variation coefficient was within the interval from 4.2% to 8.8%).

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 Q2 in rural areas, the largest value of variation coefficient for this indicator is 8.4%.

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 (the value of the variation coefficient does not surpass 5.0%).

The variation coefficients for indicator "unemployment rate" (annex 3.3) for six age groups was within the interval from 5.1% to 9.1%. At the same time the estimate of the mentioned indicator for the age group 60-70 year old is insufficiently reliable (the variation coefficient is 48.9%), this allows it to be used only for qualitative analysis.

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 4.8%) 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 17.6% and 18.2% accordingly, this permits to use it for qualitative analysis only. Herewith for the population economic inactivity rate for this education level the variation coefficient equals 1.2% that is, its reliability was quite high.

As to the estimates of indicator for the population unemployment rate (annex 3.4), for the persons with vocational education the value of the variation coefficient was 4.2% and for those who had incomplete tertiary, the complete general secondary education and complete tertiary education it does not surpass 10%. This testifies that the index has a sufficient level of reliability and suitable for quantitative and qualitative analysis. The indicator of unemployment rate with basic general secondary education (16.4%) and basic tertiary education (17.7%) can be used for qualitative analysis only. Nevertheless, unfit for use it is for people who have had elementary general education or had no education (87.4%).

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 economic inactivity rate, the accuracy of the obtained estimates for regions is satisfactory since the value of the variation coefficient for these indicators does not exceed 8.6% (annex 1.5, 2.5, 4.5). Special attention is drawn to the indicator for unemployment rate by Ukraine region (annex 3.5). For four regions, the variation coefficient for the estimate of unemployment rate in 2015 does not exceed 10%; for ten regions, it was within the bounds of 10% to 15% and for 11 regions, it exceeded 15%.

**Reliability estimates of number of economically active population aged 15-70
by sex and place of residence, 2015**

	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	17,986.1	222.1	435.3	1.2
Women	8,540.6	113.5	222.4	1.3
Men	9,445.5	126.7	248.3	1.3
Urban settlements	12,390.4	196.2	384.6	1.6
Rural areas	5,595.7	141.5	277.4	2.5
II quarterly				
Total	18,163.5	205.0	401.7	1.1
Women	8,570.2	135.5	265.5	1.6
Men	9,593.3	118.8	232.8	1.2
Urban settlements	12,432.4	158.4	310.5	1.3
Rural areas	5,731.1	144.2	282.5	2.5
III quarterly				
Total	18,311.5	214.8	420.9	1.2
Women	8,669.7	158.1	309.8	1.8
Men	9,641.8	126.5	248.0	1.3
Urban settlements	12,542.2	174.5	341.9	1.4
Rural areas	5,769.3	139.7	273.7	2.4
IV quarterly				
Total	17,930.5	190.9	374.2	1.1
Women	8,477.8	119.2	233.6	1.4
Men	9,452.7	124.1	243.2	1.3
Urban settlements	12,356.6	152.2	298.3	1.2
Rural areas	5,573.9	132.2	259.1	2.4
Average per year				
Total	18,097.9	165.9	325.2	0.9
Women	8,564.6	104.7	205.2	1.2
Men	9,533.3	89.2	174.9	0.9
Urban settlements	12,430.4	128.4	251.6	1.0
Rural areas	5,667.5	127.3	249.5	2.2

**Reliability estimates of economic activity rate of population aged 15-70
by sex and place of residence, 2015**

	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	62.0	0.5	0.9	0.8
Women	56.0	0.5	1.0	0.9
Men	68.5	0.6	1.1	0.8
Urban settlements	62.9	0.6	1.2	1.0
Rural areas	60.1	0.8	1.5	1.3
II quarterly				
Total	62.6	0.5	0.9	0.7
Women	56.2	0.4	0.9	0.8
Men	69.6	0.7	1.5	1.1
Urban settlements	63.1	0.6	1.2	1.0
Rural areas	61.5	0.6	1.1	0.9
III quarterly				
Total	63.1	0.6	1.1	0.9
Women	56.9	0.7	1.3	1.2
Men	69.9	0.7	1.4	1.0
Urban settlements	63.6	0.8	1.6	1.3
Rural areas	61.9	0.6	1.2	1.0
IV quarterly				
Total	61.8	0.4	0.9	0.7
Women	55.6	0.5	1.0	0.9
Men	68.6	0.6	1.2	0.9
Urban settlements	62.7	0.5	1.1	0.9
Rural areas	59.8	0.7	1.3	1.1
Average per year				
Total	62.4	0.4	0.8	0.7
Women	56.2	0.4	0.8	0.7
Men	69.2	0.6	1.1	0.8
Urban settlements	63.1	0.6	1.1	0.9
Rural areas	60.8	0.5	1.0	0.9

**Reliability estimates of economic activity rate of population aged 15-70
by age group, 2015**

	Economic activity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	62.4	0.4	0.8	0.7
by age group				
15-24 years	36.3	1.5	2.9	4.1
25-29 years	80.8	0.5	1.0	0.6
30-34 years	82.3	0.4	0.8	0.5
35-39 years	85.2	0.4	0.8	0.5
40-49 years	85.0	0.3	0.6	0.3
50-59 years	65.9	0.4	0.9	0.7
60-70 years	14.5	0.5	0.9	3.2
Working age	71.5	0.6	1.1	0.8
Over working age	14.9	0.4	0.9	2.9

**Reliability estimates of economic activity rate of population aged 15-70
by level of education, 2015**

	Economic activity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	62.4	0.4	0.8	0.7
by level of education				
complete higher	77.9	0.4	0.7	0.5
basic higher	58.4	2.3	4.5	4.0
uncompleted higher	68.4	0.5	0.9	0.7
vocational	70.7	0.4	0.9	0.6
complete secondary	47.2	0.9	1.8	2.0
basic secondary	20.6	0.8	1.5	3.8
primary education or not educated	6.5	1.1	2.2	17.6

**Reliability estimates of economic activity rate of population aged 15-70
by region, 2015**

	Economic activity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Ukraine	62.4	0.4	0.8	0.7
Vinnytsia	63.4	1.3	2.6	2.1
Volyn	58.8	1.9	3.7	3.2
Dnipropetrovsk	65.6	1.7	3.3	2.6
Donetsk	58.3	1.3	2.6	2.3
Zhytomyr	62.5	1.2	2.4	2.0
Zakarpattia	61.9	3.2	6.2	5.1
Zaporizhia	62.5	1.5	2.9	2.4
Ivano-Frankivsk	59.8	1.8	3.6	3.1
Kyiv	62.0	1.2	2.3	1.9
Kirovohrad	60.9	1.7	3.3	2.8
Luhansk	64.7	2.4	4.7	3.7
Lviv	60.5	0.9	1.7	1.5
Mykolaiv	64.0	1.4	2.8	2.3
Odesa	61.2	1.5	2.9	2.4
Poltava	61.7	1.1	2.3	1.9
Rivne	65.0	1.3	2.5	2.0
Sumy	61.8	1.0	2.0	1.7
Ternopil	58.5	2.3	4.5	3.9
Kharkiv	63.8	2.1	4.1	3.3
Kherson	62.5	1.5	2.9	2.3
Khmelnysk	58.6	2.0	4.0	3.5
Cherkasy	62.6	1.6	3.1	2.5
Chernivtsi	60.5	1.8	3.4	2.9
Chernihiv	62.9	1.6	3.2	2.6
Kyiv city	66.7	2.9	5.6	4.3

**Reliability estimates of number of employed population aged 15-70
by sex and place of residence, 2015**

	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	16,254.6	189.0	370.4	1.2
Women	7,843.4	98.9	193.8	1.3
Men	8,411.2	110.0	215.7	1.3
Urban settlements	11,262.3	163.7	320.8	1.5
Rural areas	4,992.3	124.5	244.1	2.5
II quarterly				
Total	16,560.3	209.6	410.9	1.3
Women	7,899.7	134.0	262.7	1.7
Men	8,660.6	114.7	224.8	1.3
Urban settlements	11,329.8	167.0	327.3	1.5
Rural areas	5,230.5	137.3	269.1	2.6
III quarterly				
Total	16,733.5	205.2	402.1	1.2
Women	7,967.7	154.4	302.7	1.9
Men	8,765.8	108.9	213.4	1.2
Urban settlements	11,436.1	168.8	330.9	1.5
Rural areas	5,297.4	125.9	246.8	2.4
IV quarterly				
Total	16,224.4	194.7	381.5	1.2
Women	7,778.7	105.7	207.2	1.4
Men	8,445.7	126.8	248.6	1.5
Urban settlements	11,207.8	157.9	309.4	1.4
Rural areas	5,016.6	121.5	238.1	2.4
Average per year				
Total	16,443.2	160.3	314.2	1.0
Women	7,872.4	102.0	199.9	1.3
Men	8,570.8	84.2	165.0	1.0
Urban settlements	11,309.0	123.9	242.8	1.1
Rural areas	5,134.2	116.9	229.1	2.3

**Reliability estimates of employment rate of population aged 15-70
by sex and place of residence, 2015**

	Employment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
I quarterly				
Total	56.0	0.5	0.9	0.9
Women	51.5	0.6	1.1	1.1
Men	61.0	0.6	1.1	0.9
Urban settlements	57.1	0.6	1.2	1.1
Rural areas	53.6	0.7	1.4	1.3
II quarterly				
Total	57.1	0.5	0.9	0.8
Women	51.8	0.5	1.1	1.1
Men	62.8	0.7	1.4	1.1
Urban settlements	57.5	0.6	1.2	1.0
Rural areas	56.2	0.7	1.4	1.3
III quarterly				
Total	57.7	0.5	1.0	0.9
Women	52.3	0.6	1.2	1.2
Men	63.6	0.6	1.2	1.0
Urban settlements	58.0	0.7	1.3	1.2
Rural areas	56.9	0.6	1.1	1.0
IV quarterly				
Total	55.9	0.5	1.0	0.9
Women	51.0	0.4	0.8	0.8
Men	61.3	0.8	1.6	1.3
Urban settlements	56.9	0.7	1.3	1.2
Rural areas	53.9	0.7	1.4	1.3
Average per year				
Total	56.7	0.4	0.8	0.7
Women	51.7	0.4	0.8	0.8
Men	62.2	0.5	1.0	0.9
Urban settlements	57.4	0.5	1.0	0.9
Rural areas	55.1	0.6	1.1	1.0

**Reliability estimates of employment rate of population aged 15-70
by age group, 2015**

	Employment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	56,7	0,4	0,8	0,7
by age group				
15-24 years	28,2	1,4	2,8	5,0
25-29 years	71,8	0,7	1,4	1,0
30-34 years	74,3	0,5	1,0	0,7
35-39 years	79,1	0,5	0,9	0,6
40-49 years	78,6	0,4	0,7	0,5
50-59 years	61,7	0,4	0,9	0,7
60-70 years	14,5	0,5	0,9	3,1
Working age	64,7	0,5	1,0	0,8
Over working age	14,9	0,4	0,8	2,9

**Reliability estimates of employment rate of population aged 15-70
by level of education, 2015**

	Employment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	56.7	0.4	0.8	0.7
by level of education				
complete higher	71.9	0.4	0.8	0.6
basic higher	49.3	2.4	4.6	4.8
uncompleted higher	62.6	0.5	1.1	0.9
vocational	63.3	0.5	0.9	0.8
complete secondary	42.7	0.9	1.7	2.0
basic secondary	18.1	0.8	1.6	4.4
primary education or not educated	6.0	1.1	2.1	18.2

**Reliability estimates of employment rate of population aged 15-70
by region, 2015**

	Employment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Ukraine	56.7	0.4	0.8	0.7
Vinnytsia	57.7	1.4	2.7	2.4
Volyn	53.1	1.6	3.1	3.0
Dnipropetrovsk	60.9	1.5	2.9	2.4
Donetsk	50.3	1.7	3.4	3.5
Zhytomyr	55.5	1.1	2.2	2.0
Zakarpattia	56.2	3.8	7.4	6.7
Zaporizhia	56.4	1.4	2.8	2.5
Ivano-Frankivsk	54.8	2.1	4.1	3.8
Kyiv	58.1	1.0	2.0	1.8
Kirovohrad	54.0	1.8	3.5	3.3
Luhansk	54.6	2.4	4.7	4.4
Lviv	55.5	1.0	1.9	1.7
Mykolaiv	58.4	1.6	3.1	2.7
Odesa	57.3	1.6	3.1	2.8
Poltava	54.2	1.3	2.5	2.4
Rivne	58.5	1.4	2.7	2.3
Sumy	55.6	1.2	2.4	2.2
Ternopil	51.6	2.4	4.7	4.6
Kharkiv	59.3	2.2	4.3	3.7
Kherson	56.1	1.4	2.8	2.6
Khmelnysk	52.6	1.2	2.4	2.3
Cherkasy	56.5	1.8	3.5	3.2
Chernivtsi	54.9	1.6	3.2	2.9
Chernihiv	56.2	1.3	2.5	2.3
Kyiv city	62.0	2.8	5.6	4.6

**Reliability estimates of number of unemployed population aged 15-70
by sex and place of residence, 2015**

	Unemployed population aged 15-70, thsd. prs.	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
I quarterly				
Total	1,731.5	87.2	170.9	5.0
Women	697.2	57.2	112.2	8.2
Men	1,034.3	54.9	107.7	5.3
Urban settlements	1,128.1	74.2	145.4	6.6
Rural areas	603.4	45.7	89.6	7.6
II quarterly				
Total	1,603.2	69.7	136.7	4.3
Women	670.5	47.0	92.1	7.0
Men	932.7	48.6	95.3	5.2
Urban settlements	1,102.6	52.0	101.8	4.7
Rural areas	500.6	43.9	86.0	8.8
III quarterly				
Total	1,578.0	94.7	185.7	6.0
Women	702.0	51.8	101.6	7.4
Men	876.0	69.3	135.9	7.9
Urban settlements	1,106.1	84.4	165.4	7.6
Rural areas	471.9	39.5	77.5	8.4
IV quarterly				
Total	1,706.1	71.3	139.7	4.2
Women	699.1	43.5	85.3	6.2
Men	1,007.0	73.2	143.5	7.3
Urban settlements	1,148.8	55.1	108.0	4.8
Rural areas	557.3	44.8	87.8	8.0
Average per year				
Total	1,654.7	53.5	104.9	3.2
Women	692.2	27.1	53.2	3.9
Men	962.5	37.4	73.4	3.9
Urban settlements	1,121.4	42.8	83.9	3.8
Rural areas	533.3	29.7	58.3	5.6

**Reliability estimates of unemployment rate of population aged 15-70
by sex and place of residence, 2015**

	Unemployment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
I quarterly				
Total	9.6	0.4	0.8	4.5
Women	8.2	0.6	1.2	7.6
Men	11.0	0.5	1.0	4.8
Urban settlements	9.1	0.5	1.0	5.8
Rural areas	10.8	0.7	1.4	6.6
II quarterly				
Total	8.8	0.4	0.8	4.4
Women	7.8	0.5	1.0	6.9
Men	9.7	0.5	1.0	5.0
Urban settlements	8.9	0.4	0.8	4.9
Rural areas	8.7	0.7	1.4	8.4
III quarterly				
Total	8.6	0.5	1.0	5.7
Women	8.1	0.6	1.1	7.1
Men	9.1	0.7	1.3	7.3
Urban settlements	8.8	0.6	1.3	7.3
Rural areas	8.2	0.6	1.2	7.5
IV quarterly				
Total	9.5	0.4	0.8	4.2
Women	8.2	0.5	0.9	5.7
Men	10.7	0.7	1.5	7.0
Urban settlements	9.3	0.5	0.9	4.8
Rural areas	10.0	0.7	1.4	7.4
Average per year				
Total	9.1	0.3	0.6	3.1
Women	8.1	0.3	0.6	3.8
Men	10.1	0.4	0.7	3.7
Urban settlements	9.0	0.3	0.7	3.7
Rural areas	9.4	0.5	0.9	5.0

**Reliability estimates of unemployment rate of population aged 15-70
by age group, 2015**

	Unemployment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	9.1	0.3	0.6	3.1
by age group				
15-24 years	22.4	1.1	2.2	5.1
25-29 years	11.2	0.6	1.2	5.6
30-34 years	9.7	0.7	1.4	7.4
35-39 years	7.2	0.4	0.8	5.9
40-49 years	7.6	0.4	0.8	5.2
50-59 years	6.3	0.6	1.1	9.1
60-70 years	0.1	0.0	0.1	48.9
Working age	9.5	0.3	0.6	3.1
Over working age	0.1	0.0	0.1	45.1

**Reliability estimates of unemployment rate of population aged 15-70
by level of education, 2015**

	Unemployment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	9.1	0.3	0.6	3.1
by level of education				
complete higher	7.8	0.4	0.9	5.6
basic higher	15.6	2.8	5.4	17.7
uncompleted higher	8.5	0.4	0.9	5.1
vocational	10.4	0.4	0.9	4.2
complete secondary	9.6	0.5	1.0	5.2
basic secondary	12.2	2.0	3.9	16.4
primary education or not educated	:	:	:	87.4

**Reliability estimates of unemployment rate of population aged 15-70
by region, 2015**

	Unemployment rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Ukraine	9.1	0.3	0.6	3.1
Vinnytsia	8.9	1.7	3.4	19.6
Volyn	9.8	1.7	3.3	17.1
Dnipropetrovsk	7.2	0.8	1.6	11.3
Donetsk	13.8	1.5	3.0	11.0
Zhytomyr	11.3	0.8	1.6	7.3
Zakarpattia	9.2	2.0	4.0	22.1
Zaporizhia	9.7	0.9	1.7	9.1
Ivano-Frankivsk	8.4	1.1	2.1	13.0
Kyiv	6.4	1.3	2.6	20.5
Kirovohrad	11.4	1.2	2.3	10.3
Luhansk	15.6	1.1	2.1	6.8
Lviv	8.2	1.0	2.0	12.2
Mykolaiv	8.9	1.4	2.8	15.8
Odesa	6.5	1.5	2.9	23.1
Poltava	12.1	1.8	3.5	14.7
Rivne	9.9	2.0	3.9	20.0
Sumy	10.1	0.8	1.5	7.7
Ternopil	11.8	1.7	3.4	14.5
Kharkiv	7.1	1.4	2.8	20.1
Kherson	10.2	1.3	2.5	12.6
Khmelnysk	10.2	1.9	3.8	19.0
Cherkasy	9.8	1.5	3.0	15.8
Chernivtsi	9.3	1.9	3.7	20.5
Chernihiv	10.7	1.4	2.8	13.1
Kyiv city	7.0	1.0	1.9	13.9

**Reliability estimates of number of economically inactive population aged 15-70
by sex and place of residence, 2015**

	Economically inactive population aged 15-70, thsd. prs.	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
I quarterly				
Total	11,037.3	194.7	381.6	1.8
Women	6,698.7	110.3	216.1	1.6
Men	4,338.6	98.9	193.9	2.3
Urban settlements	7,317.8	164.3	322.0	2.2
Rural areas	3,719.5	108.7	213.1	2.9
II quarterly				
Total	10,859.9	210.1	411.9	1.9
Women	6,669.1	108.4	212.5	1.6
Men	4,190.8	126.5	247.9	3.0
Urban settlements	7,275.8	192.8	377.9	2.7
Rural areas	3,584.1	98.3	192.6	2.7
III quarterly				
Total	10,711.9	229.7	450.2	2.1
Women	6,569.6	130.6	256.0	2.0
Men	4,142.3	122.1	239.3	2.9
Urban settlements	7,166.0	216.3	424.0	3.0
Rural areas	3,545.9	94.8	185.8	2.7
IV quarterly				
Total	11,092.9	181.7	356.2	1.6
Women	6,761.5	105.9	207.5	1.6
Men	4,331.4	111.1	217.7	2.6
Urban settlements	7,351.6	141.1	276.6	1.9
Rural areas	3,741.3	116.5	228.4	3.1
Average per year				
Total	10,925.5	186.1	364.8	1.7
Women	6,674.7	97.9	192.0	1.5
Men	4,250.8	101.4	198.7	2.4
Urban settlements	7,277.8	165.2	323.7	2.3
Rural areas	3,647.7	96.5	189.2	2.6

**Reliability estimates of economic inactivity rate of population aged 15-70
by sex and place of residence, 2015**

	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	38.0	0.5	0.9	1.3
Women	44.0	0.5	1.0	1.1
Men	31.5	0.6	1.1	1.8
Urban settlements	37.1	0.6	1.2	1.6
Rural areas	39.9	0.8	1.5	1.9
II quarterly				
Total	37.4	0.5	0.9	1.2
Women	43.8	0.4	0.9	1.0
Men	30.4	0.7	1.5	2.4
Urban settlements	36.9	0.6	1.2	1.7
Rural areas	38.5	0.6	1.1	1.4
III quarterly				
Total	36.9	0.6	1.1	1.6
Women	43.1	0.7	1.3	1.5
Men	30.1	0.7	1.4	2.3
Urban settlements	36.4	0.8	1.6	2.2
Rural areas	38.1	0.6	1.2	1.6
IV quarterly				
Total	38.2	0.4	0.9	1.1
Women	44.4	0.5	1.0	1.2
Men	31.4	0.6	1.2	1.9
Urban settlements	37.3	0.5	1.1	1.5
Rural areas	40.2	0.7	1.3	1.7
Average per year				
Total	37.6	0.4	0.8	1.1
Women	43.8	0.4	0.8	0.9
Men	30.8	0.6	1.1	1.8
Urban settlements	36.9	0.6	1.1	1.5
Rural areas	39.2	0.5	1.0	1.4

**Reliability estimates of economic inactivity rate of population aged 15-70
by age group, 2015**

	Economic inactivity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	37.6	0.4	0.8	1.1
by age group				
15-24 years	63.7	1.5	2.9	2.4
25-29 years	19.2	0.5	1.0	2.5
30-34 years	17.7	0.4	0.8	2.4
35-39 years	14.8	0.4	0.8	2.7
40-49 years	15.0	0.3	0.6	1.9
50-59 years	34.1	0.4	0.9	1.3
60-70 years	85.5	0.5	0.9	0.5
Working age	28.5	0.6	1.1	1.9
Over working age	85.1	0.4	0.9	0.5

**Reliability estimates of economic inactivity rate of population aged 15-70
by level of education, 2015**

	Economic inactivity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Total	37.6	0.4	0.8	1.1
by level of education				
complete higher	22.1	0.4	0.7	1.6
basic higher	41.6	2.3	4.5	5.6
uncompleted higher	31.6	0.5	0.9	1.4
vocational	29.3	0.4	0.9	1.5
complete secondary	52.8	0.9	1.8	1.8
basic secondary	79.4	0.8	1.5	1.0
primary education or not educated	93.5	1.1	2.2	1.2

**Reliability estimates of economic inactivity rate of population aged 15-70
by region, 2015**

	Economic inactivity rate of population aged 15-70, %	Standard error of sample (SE), %	Error limit of sample (LSE), %	Coefficient of variation (CV), %
Ukraine	37.6	0.4	0.8	1.1
Vinnytsia	36.6	1.3	2.6	3.6
Volyn	41.2	1.9	3.7	4.5
Dnipropetrovsk	34.4	1.7	3.3	4.9
Donetsk	41.7	1.3	2.6	3.2
Zhytomyr	37.5	1.2	2.4	3.3
Zakarpattia	38.1	3.2	6.2	8.3
Zaporizhia	37.5	1.5	2.9	4.0
Ivano-Frankivsk	40.2	1.8	3.6	4.6
Kyiv	38.0	1.2	2.3	3.1
Kirovohrad	39.1	1.7	3.3	4.3
Luhansk	35.3	2.4	4.7	6.7
Lviv	39.5	0.9	1.7	2.2
Mykolaiv	36.0	1.4	2.8	4.0
Odesa	38.8	1.5	2.9	3.8
Poltava	38.3	1.1	2.3	3.0
Rivne	35.0	1.3	2.5	3.6
Sumy	38.2	1.0	2.0	2.7
Ternopil	41.5	2.3	4.5	5.5
Kharkiv	36.2	2.1	4.1	5.8
Kherson	37.5	1.5	2.9	3.9
Khmelnysk	41.4	2.0	4.0	4.9
Cherkasy	37.4	1.6	3.1	4.2
Chernivtsi	39.5	1.8	3.4	4.5
Chernihiv	37.1	1.6	3.2	4.4
Kyiv city	33.3	2.9	5.6	8.6

Statistical and analytical review of labour market in 2015

According to data from population (households) sample survey on issues of economic activity, the average monthly **number of economically active population** aged 15-70 in 2015 amounted to 18.1 million persons of which 17.4 million persons (96.1%) were working age population. Out of the mentioned number of persons 16.4 mln. persons or 90.9% were engaged in economic activity while the rest (1.7 million persons) were classified as unemployed in line with the methodology of International Labour Organization (ILO).

In 2015 **economic activity rate of population** aged 15-70 was 62.4% and 71.5% of working age.

The number of the employed population aged 15-70 stood at 16.4 mln. persons of which 15.7 mln. or 95.7% were of working age.

Employment rate of the population aged 15-70 was 56.7% while it was 64.7% for the working age population.

The highest rate of this indicator was observed among persons aged 35-49 while the lowest one was characteristic for the young aged 15-24 and persons aged 60-70.

In the composition of the employed population by occupational group, the largest share accounted for the persons who worked in the less-skilled occupations (18.4%), professionals (17.7%) and services and sales workers (16.4%).

Among the total number of the employed persons, every sixth worked for industry or trade, every seventh for agriculture.

In the context of market economy, informal employment of the population prevailed and covered all informal work places both in informal and official (formal) sectors of economy.

In 2015 the number of the informally employed population amounted to 4.3 mln. persons or 26.2% of the total employed population.

As a rule, the informal employment pertains to the population of selected social and economic groups. Thus, the informal labour relations predominated in self-employment sector where a share of the population who worked on informal work places was 73.2% and among those who worked for wages such persons accounted for 17.3%.

Over half of the informally employed persons (50.8%) were people in rural areas. Also, men as compared to women were more inclined to work informally (58.8%).

The analysis of the informal employment by age group reveals that its highest level was characteristic for the persons aged 15-24 (36.1%) and 60-70 (37.2%).

The mentioned categories of the population are the most vulnerable and socially unprotected in current economic environment. The spread of the informal employment among persons of pension age was first of all caused by low level of pensions, thus, making them look for informal sources to obtain additional means of subsistence.

In most cases, the young nature of informal employment was manifested in additional earnings when receiving education. In 2015, among the informally employed population two thirds (67.5%) were persons who had vocational and complete general secondary education, while among the officially employed population the persons with tertiary education (including complete, base and incomplete tertiary education) (61.8%) predominated.

Among the informally employed persons more than a third (38.6%) of persons worked for agriculture and fishery. The other widespread types of economic activities of the population in this category are wholesale and retail trade (22.1%) and construction (16.1%).

The number of the unemployed (by ILO methodology) aged 15-70 in 2015 amounted 1.7 mln. persons of which two thirds were people of urban settlements (1.1 mln. persons).

Out of the total number of the unemployed, 1.3 mln. persons or 77.8% worked earlier while other 0.4 mln. persons were looking for a job for the first time and did not have work experience. The latter category mainly included the young who were not employed after graduating from educational institutions. Thus, among those unemployed in 2015, a share of persons aged 15-24 composed 68.9% while those at the aged 25-29 accounted for 18.1%.

The majority of the unemployed looked for a job by themselves (72.5%) while the rest requested assistance from the State Employment Service.

Unemployment rate of the population aged 15-70 (by ILO methodology) the whole across Ukraine in 2015 was 9.1% of economically active population at the mentioned ages while among the working age population it reached 9.5%. This indicator was the highest among the population in rural areas (9.4%) as compared to the dwellers in urban settlements (9.0%).

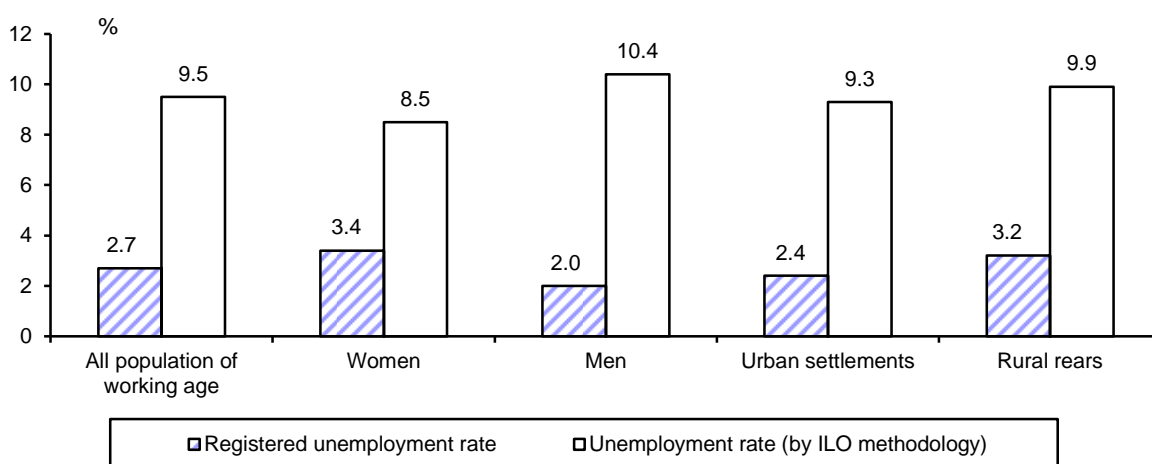
The relevant indicator among the EU countries (9.4%) was higher than across Ukraine as the whole.

Unemployment rate of the working age population (by ILO methodology) surpassed 3.5 times the registered unemployment rate calculated with respect to economically active population of working age (for women 2.5 times, men 5.2 times, urban areas 3.9 times, rural areas 3.1 times).(diagram 1)

Diagram 1

Unemployment among economically active population of working age by sex and place of residence in 2015

(in % of economically active population of working age)



It should be noted that in 2015 as compared to 2014, the composition of the unemployed due to unemployment saw an increase in the share of those dismissed due to economic reasons (by 5.5 percent point) and persons who had seasonal jobs (by 0.6 percent point). At the same time, there was a decrease in the share of the dismissed due to end of employment contract or agreement and not employed after graduating from the general educational and tertiary educational institutions (by 3.0 percent point in every group), those dismissed due to one's own will, upon a mutual agreement of the parties (by 2.9 percent point) and due to other unemployment reasons (by 0.7 percent point).

In the composition of the unemployed by length of job search, a share of persons who were looking for a job up to 3 months (by 11.3 percent point) has significantly dropped. At the same time, a share of the long-term unemployed (those who were looking for a job 12 months and more) has increased two times. This has resulted in average length of unemployment (by ILO methodology) being increased from 5 months in 2014 to 7 months in 2015.

The number of economically inactive population aged 15-70 in 2015 was 10.9 mln. or more than a third of the total population of this age. Ever second person who was beyond the work force was a pensioner, every fourth was a pupil (student), every fifth fulfilled household (family) duties.

The abovementioned category of persons also includes the unemployed persons of working age who stopped active search for job because they gave up the hope to find it (discouraged) and those who did not know where and how to look for a job, how to set up one's own business, those convinced that there is no convenient job. In 2015, this number reached 219.8 thsd. persons or 3.2% of economically inactive population of working age. These persons

are the work force capacity since in the context of favorable environment they could have joined the ranks of the unemployed on labour market. Taking into account these persons, the unemployment rate of working age population (by ILO methodology) would have been 10.6% against 9.5%.

According to administrative data from the State Employment Service, 1 435.2 thsd. persons had unemployment status during 2015. The average monthly number of registered unemployed in this period was 461.1 thsd. persons, this amounts to 27.9% of the number of working age unemployed defined by ILO methodology. Among the mentioned unemployed, more than a half (59.6%) were women, 40.9% the young aged under 35.

In 2015 on average, the registered unemployment rate was 2.7% of economically active population of working age. This indicator was higher among women (3.4%) as compared to men (2.0%) and rural population (3.2%) as compared to urban population (2.4%).

Among the total number of registered unemployed (490.8 thsd.) at the end of 2015, 409.5 thsd. or 83.4% had work experience of which every fourth had previously worked for agriculture, forestry and fishery, every fifth for industry and every seventh for wholesale and retail trade; repair of motor vehicles and motorcycles.

The number of vacant work places (vacant positions) indicated by employers at the end of 2015 was 25.9 thsd., this is a quarter less (26.6%) than at the end of 2014.

Out of the total number of vacancies, every fifth was in manufacturing, every sixth was in wholesale and retail trade; repair of motor vehicles and motorcycles, every ninth was in the state management and defense; mandatory social insurance; transport, storage, mail and express activity.

The employers have the greatest demand for the qualified workers with tools (20.0% of the total number of the notified vacancies at the end of 2015) while the lowest one was for the qualified workers in agriculture and forestry, fish farming and fishing (1.3%) and technical employees (4.5%).

The structural disproportion between the work force demand and its supply is the factor that limits both the possibilities of the unemployed to be employed and the satisfaction of the employers' needs in employees.

The load of the registered unemployed per 10 vacant work places (vacant positions) across the country increased from 145 persons at the end of 2014 to 189 persons at the end of 2015.

Among the regions, the heaviest load of the registered unemployed per 10 vacant work places (vacant positions) at the end of 2015 was observed in the Zaporizhzhya (1 846 persons) and Luhansk (1 400 persons) regions while the lowest one was in Kyiv (43 persons).

With the assistance of the State Employment Service in 2015, 444.7 thsd. persons were employed or 31.0% of persons who had the unemployed status at the State Employment Service in this period.

Among the registered unemployed that were employed in the mentioned period, 49.2% were women, 40.0% were the young aged under 35.

During 2015, more than a half (59.6%) of the registered unemployed obtained employment at enterprises of agriculture, forestry and fishery, manufacturing as well as wholesale and retail trade; repair of motor vehicles and motorcycles.

One of the directions of the unemployed social protection is the organization of the paid-for public work that ensure temporary employment. In 2015, 227.3 thsd. persons were involved in this work.

In order to improve the competitiveness of the unemployed, the State Employment Service provide vocational education to them (training, re-training, skills upgrading). During 2015, 178.9 thsd. registered unemployed underwent vocational education at educational institutions of all types.

ECONOMIC ACTIVITY OF POPULATION, 2015

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, percent	Employment rate, percent	Unemployment rate, percent
	Total	including					
		employed	unemployed				
Total							
I quarter	17,986.1	16,254.6	1,731.5	11,037.3	62.0	56.0	9.6
II quarter	18,163.5	16,560.3	1,603.2	10,859.9	62.6	57.1	8.8
III quarter	18,311.5	16,733.5	1,578.0	10,711.9	63.1	57.7	8.6
IV quarter	17,930.5	16,224.4	1,706.1	11,092.9	61.8	55.9	9.5
year	18,097.9	16,443.2	1,654.7	10,925.5	62.4	56.7	9.1
Women							
I quarter	8,540.6	7,843.4	697.2	6,698.7	56.0	51.5	8.2
II quarter	8,570.2	7,899.7	670.5	6,669.1	56.2	51.8	7.8
III quarter	8,669.7	7,967.7	702.0	6,569.6	56.9	52.3	8.1
IV quarter	8,477.8	7,778.7	699.1	6,761.5	55.6	51.0	8.2
year	8,564.6	7,872.4	692.2	6,674.7	56.2	51.7	8.1
Men							
I quarter	9,445.5	8,411.2	1,034.3	4,338.6	68.5	61.0	11.0
II quarter	9,593.3	8,660.6	932.7	4,190.8	69.6	62.8	9.7
III quarter	9,641.8	8,765.8	876.0	4,142.3	69.9	63.6	9.1
IV quarter	9,452.7	8,445.7	1,007.0	4,331.4	68.6	61.3	10.7
year	9,533.3	8,570.8	962.5	4,250.8	69.2	62.2	10.1
Urban settlements							
I quarter	12,390.4	11,262.3	1,128.1	7,317.8	62.9	57.1	9.1
II quarter	12,432.4	11,329.8	1,102.6	7,275.8	63.1	57.5	8.9
III quarter	12,542.2	11,436.1	1,106.1	7,166.0	63.6	58.0	8.8
IV quarter	12,356.6	11,207.8	1,148.8	7,351.6	62.7	56.9	9.3
year	12,430.4	11,309.0	1,121.4	7,277.8	63.1	57.4	9.0
Rural areas							
I quarter	5,595.7	4,992.3	603.4	3,719.5	60.1	53.6	10.8
II quarter	5,731.1	5,230.5	500.6	3,584.1	61.5	56.2	8.7
III quarter	5,769.3	5,297.4	471.9	3,545.9	61.9	56.9	8.2
IV quarter	5,573.9	5,016.6	557.3	3,741.3	59.8	53.9	10.0
year	5,667.5	5,134.2	533.3	3,647.7	60.8	55.1	9.4

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

	Economically active population aged 15-70, thsd. prs.			Economically inactive population aged 15-70, thsd. prs.	Economic activity rate, percent	Employment rate, percent	Unemployment rate, percent
	Total	including					
		employed	unemployed				
Total	18,097.9	16,443.2	1,654.7	10,925.5	62.4	56.7	9.1
including by age group (years)							
15-24	1,615.7	1,254.5	361.2	2,836.4	36.3	28.2	22.4
25-29	2,563.8	2,277.7	286.1	609.8	80.8	71.8	11.2
30-34	2,609.6	2,355.7	253.9	560.5	82.3	74.3	9.7
35-39	2,438.4	2,262.0	176.4	422.5	85.2	79.1	7.2
40-49	4,529.9	4,186.1	343.8	796.4	85.0	78.6	7.6
50-59	3,699.8	3,467.0	232.8	1,918.1	65.9	61.7	6.3
60-70	640.7	640.2	0.5	3,781.8	14.5	14.5	0.1
15-64	17,899.6	16,245.4	1,654.2	9,093.3	66.3	60.2	9.2
working age	17,396.0	15,742.0	1,654.0	6,920.6	71.5	64.7	9.5
over working age	701.9	701.2	0.7	4,004.9	14.9	14.9	0.1

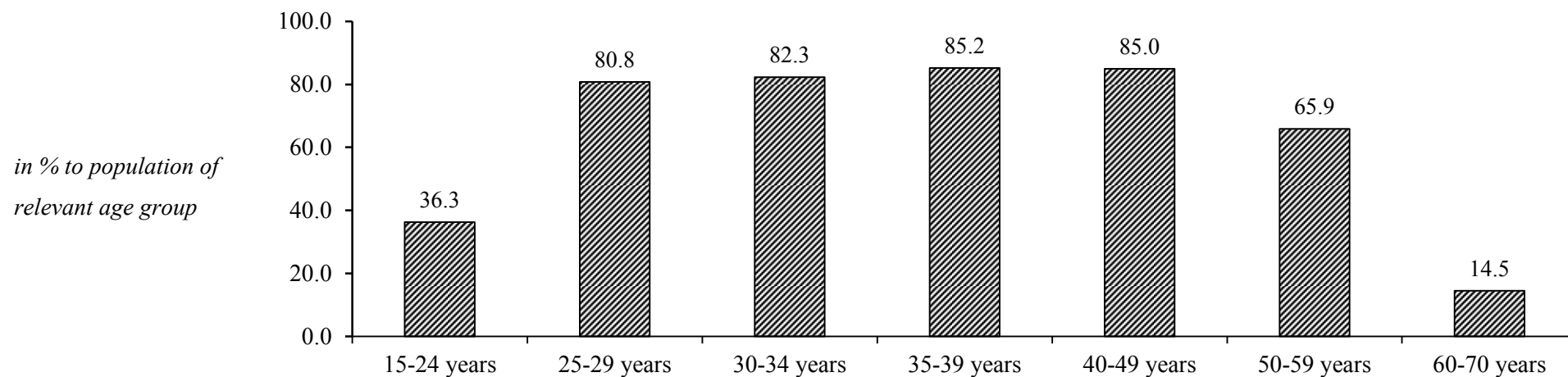
Table 1.2. continued

	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, percent		Employment rate, percent		Unemployment rate, percent	
	Total		including											
	women	men	women	men	women	men	women	men	women	men	women	men	women	men
Total including by age group (years)	8,564.6	9,533.3	7,872.4	8,570.8	692.2	962.5	6,674.7	4,250.8	56.2	69.2	51.7	62.2	8.1	10.1
15-24	688.2	927.5	537.8	716.7	150.4	210.8	1,477.7	1,358.7	31.8	40.6	24.8	31.3	21.9	22.7
25-29	1,099.7	1,464.1	981.0	1,296.7	118.7	167.4	455.7	154.1	70.7	90.5	63.1	80.1	10.8	11.4
30-34	1,146.9	1,462.7	1,050.5	1,305.2	96.4	157.5	418.5	142.0	73.3	91.2	67.1	81.3	8.4	10.8
35-39	1,163.5	1,274.9	1,085.2	1,176.8	78.3	98.1	281.7	140.8	80.5	90.1	75.1	83.1	6.7	7.7
40-49	2,313.3	2,216.6	2,150.0	2,036.1	163.3	180.5	449.9	346.5	83.7	86.5	77.8	79.4	7.1	8.1
50-59	1,830.5	1,869.3	1,745.5	1,721.5	85.0	147.8	1,264.3	653.8	59.1	74.1	56.4	68.2	4.6	7.9
60-70	322.5	318.2	322.4	317.8	0.1	0.4	2,326.9	1,454.9	12.2	17.9	12.2	17.9	0.0	0.1
15-64	8,454.7	9,444.9	7,762.6	8,482.8	692.1	962.1	5,535.6	3,557.7	60.4	72.6	55.5	65.2	8.2	10.2
working age	8,180.9	9,215.1	7,489.0	8,253.0	691.9	962.1	4,124.7	2,795.9	66.5	76.7	60.9	68.7	8.5	10.4
over working age	383.7	318.2	383.4	317.8	0.3	0.4	2,550.0	1,454.9	13.1	17.9	13.1	17.9	0.1	0.1

Table 1.2. continued

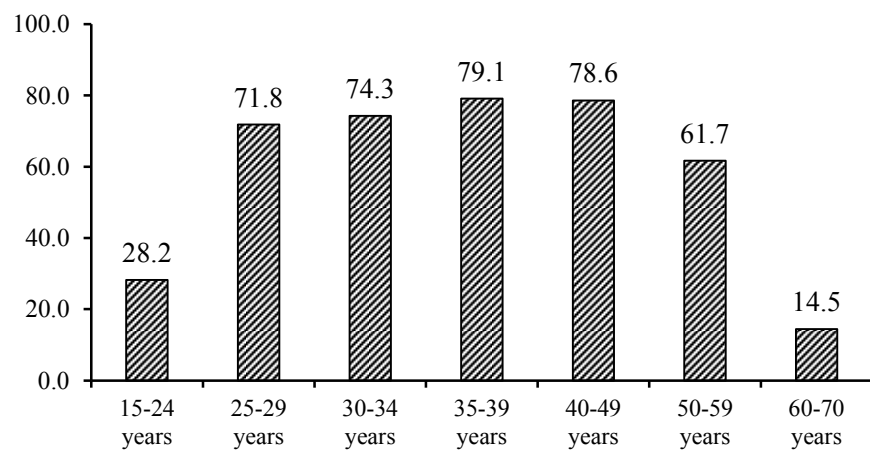
	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, percent		Employment rate, percent		Unemployment rate, percent	
	Total		including											
			employed		unemployed		urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas
Total	12,430.4	5,667.5	11,309.0	5,134.2	1,121.4	533.3	7,277.8	3,647.7	63.1	60.8	57.4	55.1	9.0	9.4
including by age group (years)														
15-24	950.2	665.5	727.0	527.5	223.2	138.0	1,887.2	949.2	33.5	41.2	25.6	32.7	23.5	20.7
25-29	1,788.6	775.2	1,595.7	682.0	192.9	93.2	355.7	254.1	83.4	75.3	74.4	66.3	10.8	12.0
30-34	1,952.9	656.7	1,769.7	586.0	183.2	70.7	363.0	197.5	84.3	76.9	76.4	68.6	9.4	10.8
35-39	1,737.0	701.4	1,606.9	655.1	130.1	46.3	258.1	164.4	87.1	81.0	80.5	75.7	7.5	6.6
40-49	3,078.2	1,451.7	2,844.5	1,341.6	233.7	110.1	476.1	320.3	86.6	81.9	80.0	75.7	7.6	7.6
50-59	2,523.5	1,176.3	2,365.7	1,101.3	157.8	75.0	1,286.9	631.2	66.2	65.1	62.1	60.9	6.3	6.4
60-70	400.0	240.7	399.5	240.7	0.5	–	2,650.8	1,131.0	13.1	17.5	13.1	17.5	0.1	–
15-64	12,318.7	5,580.9	11,197.8	5,047.6	1,120.9	533.3	6,004.6	3,088.7	67.2	64.4	61.1	58.2	9.1	9.6
working age	11,990.2	5,405.8	10,869.5	4,872.5	1,120.7	533.3	4,467.3	2,453.3	72.9	68.8	66.0	62.0	9.3	9.9
over working age	440.2	261.7	439.5	261.7	0.7	–	2,810.5	1,194.4	13.5	18.0	13.5	18.0	0.2	–

1.3. Economic activity rate, by age group



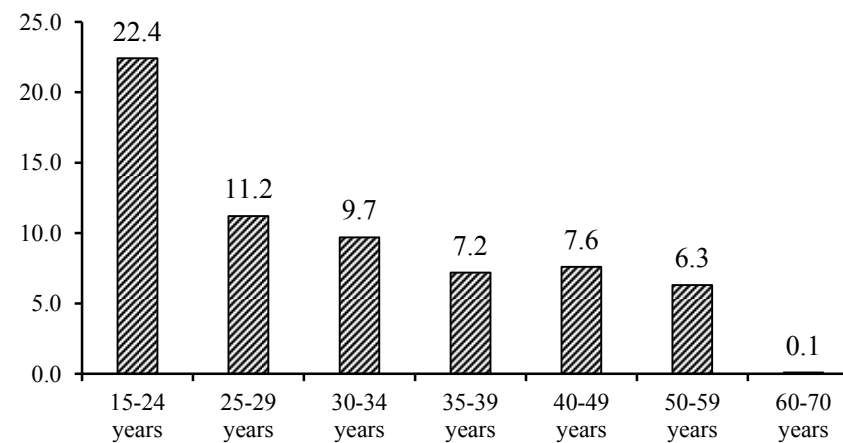
1.4. Employment rate, by age group

in % to population of relevant age group



1.5. Unemployment rate, by age group

in % to economically active population of relevant age group



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

	Economically active population aged 15-70, thsd. prs.			Economically inactive population aged 15-70, thsd. prs.	Economic activity rate, percent	Employment rate, percent	Unemployment rate, percent
	Total	including					
		employed	unemployed				
Total	18,097.9	16,443.2	1,654.7	10,925.5	62.4	56.7	9.1
including by level of education							
complete higher	5,717.7	5,272.3	445.4	1,619.0	77.9	71.9	7.8
basic higher	226.7	191.3	35.4	161.5	58.4	49.3	15.6
uncompleted higher	3,526.7	3,227.5	299.2	1,627.9	68.4	62.6	8.5
vocational	4,747.9	4,253.7	494.2	1,968.0	70.7	63.3	10.4
complete secondary	3,494.5	3,160.4	334.1	3,911.6	47.2	42.7	9.6
basic secondary	369.7	324.5	45.2	1,426.6	20.6	18.1	12.2
primary education or not educated	14.7	13.5	:	210.9	6.5	6.0	:

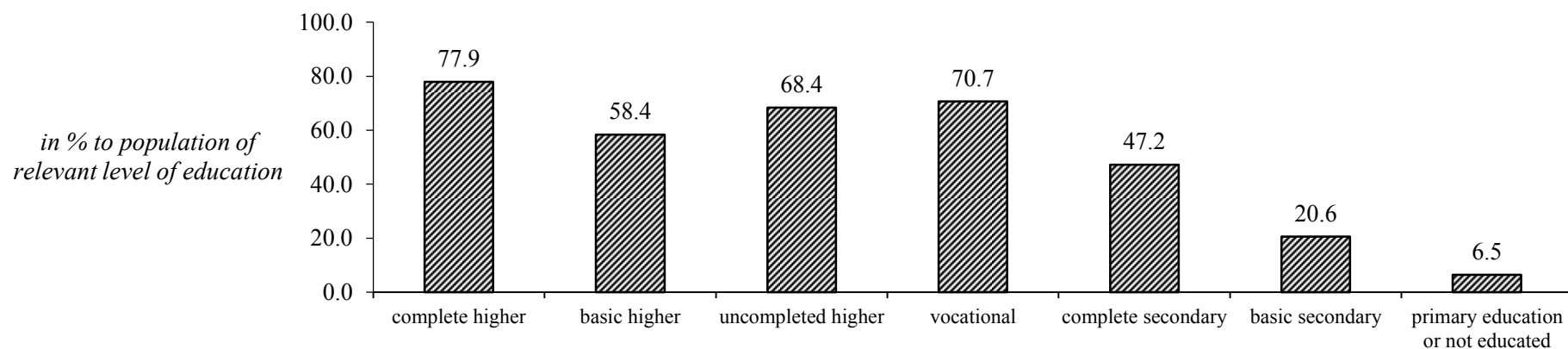
Table 1.6. continued

	Economically active population aged 15-70, thsd. prs						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, percent		Employment rate, percent		Unemployment rate, percent	
	Total		including											
			employed		unemployed		women	men	women	men	women	men	women	men
Total	8,564.6	9,533.3	7,872.4	8,570.8	692.2	962.5	6,674.7	4,250.8	56.2	69.2	51.7	62.2	8.1	10.1
including by level of education														
complete higher	3,046.8	2,670.9	2,805.1	2,467.2	241.7	203.7	1,107.7	511.3	73.3	83.9	67.5	77.5	7.9	7.6
basic higher	113.7	113.0	96.6	94.7	17.1	18.3	91.6	69.9	55.4	61.8	47.1	51.8	15.0	16.2
uncompleted higher	2,068.1	1,458.6	1,926.5	1,301.0	141.6	157.6	1,174.3	453.6	63.8	76.3	59.4	68.0	6.8	10.8
vocational	1,590.2	3,157.7	1,424.0	2,829.7	166.2	328.0	1,056.0	912.0	60.1	77.6	53.8	69.5	10.5	10.4
complete secondary	1,577.6	1,916.9	1,465.6	1,694.8	112.0	222.1	2,362.1	1,549.5	40.0	55.3	37.2	48.9	7.1	11.6
basic secondary	160.2	209.5	147.3	177.2	12.9	32.3	776.0	650.6	17.1	24.4	15.7	20.6	8.1	15.4
primary education or not educated	8.0	6.7	7.3	6.2	:	:	107.0	103.9	7.0	6.1	6.3	5.6	:	:

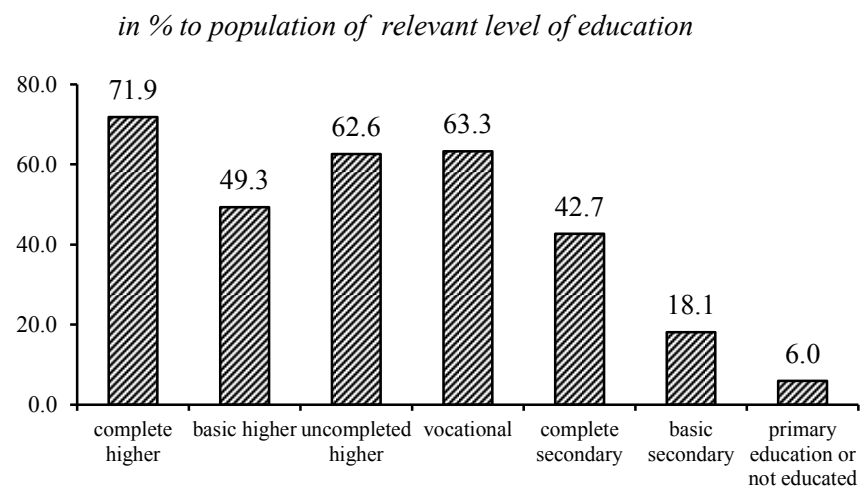
Table 1.6. continued

	Economically active population aged 15-70, thsd. prs						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, percent		Employment rate, percent		Unemployment rate, percent	
	Total		including											
			employed		unemployed		urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas
Total	12,430.4	5,667.5	11,309.0	5,134.2	1,121.4	533.3	7,277.8	3,647.7	63.1	60.8	57.4	55.1	9.0	9.4
including by level of education														
complete higher	4,899.3	818.4	4,514.0	758.3	385.3	60.1	1,404.5	214.5	77.7	79.2	71.6	73.4	7.9	7.3
basic higher	166.2	60.5	141.3	50.0	24.9	10.5	127.1	34.4	56.7	63.8	48.2	52.7	15.0	17.4
uncompleted higher	2,550.6	976.1	2,337.2	890.3	213.4	85.8	1,246.8	381.1	67.2	71.9	61.5	65.6	8.4	8.8
vocational complete secondary	3,004.8	1,743.1	2,697.7	1,556.0	307.1	187.1	1,284.8	683.2	70.0	71.8	62.9	64.1	10.2	10.7
basic secondary	1,668.3	1,826.2	1,495.0	1,665.4	173.3	160.8	2,392.0	1,519.6	41.1	54.6	36.8	49.8	10.4	8.8
primary education or not educated	135.3	234.4	118.1	206.4	17.2	28.0	721.0	705.6	15.8	24.9	13.8	22.0	12.7	11.9
	5.9	8.8	5.7	7.8	:	:	101.6	109.3	5.5	7.5	5.3	6.6	:	:

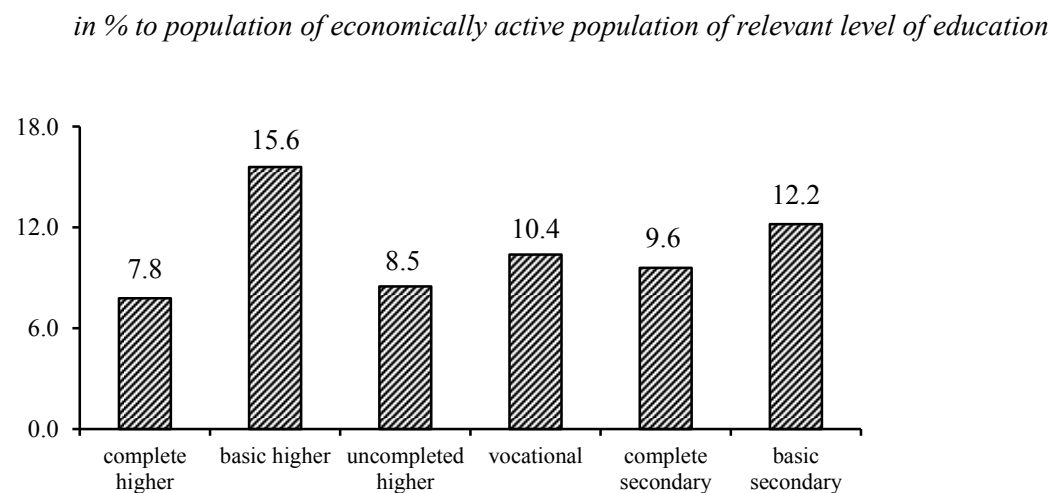
1.7. Economic activity rate, by level of education



1.8. Employment rate, by level of education



1.9. Unemployment rate, by level of education



1.10. Economic activity of population, by marital status, sex and place of residence

	Economically active population aged 15-70, thsd. prs.			Economically inactive population aged 15-70, thsd. prs.	Economic activity rate, percent	Employment rate, percent	Unemployment rate, percent
	Total	including					
		employed	unemployed				
Total	18,097.9	16,443.2	1,654.7	10,925.5	62.4	56.7	9.1
including by marital status							
married	11,157.6	10,398.2	759.4	5,166.7	68.3	63.7	6.8
never married	3,946.6	3,283.4	663.2	3,358.1	54.0	44.9	16.8
divorced	2,464.2	2,256.5	207.7	1,052.0	70.1	64.2	8.4
widow	529.5	505.1	24.4	1,348.7	28.2	26.9	4.6
Women	8,564.6	7,872.4	692.2	6,674.7	56.2	51.7	8.1
including by marital status							
married	4,938.0	4,630.3	307.7	3,190.2	60.8	57.0	6.2
never married	1,543.1	1,291.4	251.7	1,591.0	49.2	41.2	16.3
divorced	1,663.9	1,547.2	116.7	762.6	68.6	63.8	7.0
widow	419.6	403.5	16.1	1,130.9	27.1	26.0	3.8
Men	9,533.3	8,570.8	962.5	4,250.8	69.2	62.2	10.1
including by marital status							
married	6,219.6	5,767.9	451.7	1,976.5	75.9	70.4	7.3
never married	2,403.5	1,992.0	411.5	1,767.1	57.6	47.8	17.1
divorced	800.3	709.3	91.0	289.4	73.4	65.1	11.4
widow	109.9	101.6	8.3	217.8	33.5	31.0	7.6

Table 1.10. continued

	Economically active population aged 15-70, thsd. prs.			Economically inactive population aged 15-70, thsd. prs.	Economic activity rate, percent	Employment rate, percent	Unemployment rate, percent
	Total	including					
		employed	unemployed				
Urban settlements	12,430.4	11,309.0	1,121.4	7,277.8	63.1	57.4	9.0
including by marital status							
married	7,569.9	7,061.5	508.4	3,449.6	68.7	64.1	6.7
never married	2,629.7	2,190.2	439.5	2,173.2	54.8	45.6	16.7
divorced	1,899.6	1,742.2	157.4	763.3	71.3	65.4	8.3
widow	331.2	315.1	16.1	891.7	27.1	25.8	4.9
Rural areas	5,667.5	5,134.2	533.3	3,647.7	60.8	55.1	9.4
including by marital status							
married	3,587.7	3,336.7	251.0	1,717.1	67.6	62.9	7.0
never married	1,316.9	1,093.2	223.7	1,184.9	52.6	43.7	17.0
divorced	564.6	514.3	50.3	288.7	66.2	60.3	8.9
widow	198.3	190.0	8.3	457.0	30.3	29.0	4.2

1.11. Economic activity of population, by occupation, specialty according to certificate (diploma)

(thsd. prs.)

	Economically active population aged 15-70			Economically inactive population aged 15-70
	Total	including		
		employed	unemployed	
Total	18,097.9	16,443.2	1,654.7	10,925.5
including specialty groups according to certificate (diploma)				
managers (stewards) of enterprises, institutions, organizations and units	98.4	86.2	12.2	18.0
physical, mathematical and engineering science professionals	1,740.1	1,614.9	125.2	567.9
life science and health professionals	557.3	531.1	26.2	151.0
teaching professionals	1,059.5	1,003.5	56.0	340.2
other professionals	2,396.5	2,146.1	250.4	649.4
technical experts in the field of applied science and technology	1,512.9	1,356.8	156.1	641.7
specialists in biology, agronomy and medicine educators	820.1	779.5	40.6	334.1
experts in the field of education	230.5	214.1	16.4	128.2
other experts	952.3	873.5	78.8	548.0
experts in food and processing industry	75.9	65.4	10.5	32.3
officials associated with the information	131.7	115.6	16.1	72.7
customer service officials	36.9	33.6	3.3	21.2
personal and protective services workers	601.4	541.4	60.0	309.6
salespersons and demonstrators	242.9	225.3	17.6	118.2
workers of mining and construction	554.0	486.5	67.5	253.7
metallurgical and mechanical engineering workers occupations	1,167.8	1,036.1	131.7	344.7
other skilled workers with a tool	418.3	367.4	50.9	208.7
workers serving industrial equipment	73.4	66.6	6.8	33.7
workers serving machines and assemblers of machines	386.7	349.4	37.3	209.4
drivers and workers servicing of movable machinery and settings	1,120.4	1,012.3	108.1	376.6
other occupations	50.5	46.7	3.8	23.8
did not have a profession	3,870.4	3,491.2	379.2	5,542.4

1.12. 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, percent	Employment rate, percent	Unemployment rate, percent
	Total	including					
		employed	unemployed				
Ukraine	18,097.9	16,443.2	1,654.7	10,925.5	62.4	56.7	9.1
Vinnytsia	741.2	674.9	66.3	428.5	63.4	57.7	8.9
Volyn	440.4	397.3	43.1	308.1	58.8	53.1	9.8
Dnipropetrovsk	1,594.9	1,479.6	115.3	836.5	65.6	60.9	7.2
Donetsk	877.7	756.3	121.4	627.0	58.3	50.3	13.8
Zhytomyr	571.2	506.6	64.6	342.1	62.5	55.5	11.3
Zakarpattia	571.8	519.3	52.5	352.4	61.9	56.2	9.2
Zaporizhia	825.5	745.1	80.4	495.6	62.5	56.4	9.7
Ivano-Frankivsk	609.5	558.3	51.2	408.9	59.8	54.8	8.4
Kyiv	790.6	739.9	50.7	483.9	62.0	58.1	6.4
Kirovohrad	436.6	386.8	49.8	279.8	60.9	54.0	11.4
Luhansk	362.7	306.3	56.4	198.2	64.7	54.6	15.6
Lviv	1,134.7	1,042.0	92.7	741.6	60.5	55.5	8.2
Mykolaiv	558.2	508.7	49.5	313.5	64.0	58.4	8.9
Odesa	1,086.3	1,016.2	70.1	687.5	61.2	57.3	6.5
Poltava	664.3	583.6	80.7	411.7	61.7	54.2	12.1
Rivne	541.4	487.7	53.7	291.6	65.0	58.5	9.9
Sumy	523.3	470.5	52.8	323.4	61.8	55.6	10.1
Ternopil	460.3	406.2	54.1	326.4	58.5	51.6	11.8
Kharkiv	1,324.2	1,230.8	93.4	752.3	63.8	59.3	7.1
Kherson	496.6	445.8	50.8	298.4	62.5	56.1	10.2
Khmelnysk	557.1	500.5	56.6	394.3	58.6	52.6	10.2
Cherkasy	580.2	523.5	56.7	346.1	62.6	56.5	9.8
Chernivtsi	404.9	367.2	37.7	264.3	60.5	54.9	9.3
Chernihiv	483.9	432.3	51.6	285.1	62.9	56.2	10.7
Kyiv city	1,460.4	1,357.8	102.6	728.3	66.7	62.0	7.0

Table 1.12. continued

	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, percent		Employment rate, percent		Unemployment rate, percent	
	Total		including											
			employed		unemployed									
	women	men	women	men	women	men	women	men	women	men	women	men	women	men
Ukraine	8,564.6	9,533.3	7,872.4	8,570.8	692.2	962.5	6,674.7	4,250.8	56.2	69.2	51.7	62.2	8.1	10.1
Vinnitsia	347.3	393.9	315.0	359.9	32.3	34.0	265.3	163.2	56.7	70.7	51.4	64.6	9.3	8.6
Volyn	208.2	232.2	190.2	207.1	18.0	25.1	179.8	128.3	53.7	64.4	49.0	57.4	8.6	10.8
Dnipropetrovsk	780.4	814.5	735.5	744.1	44.9	70.4	514.1	322.4	60.3	71.6	56.8	65.4	5.8	8.6
Donetsk	410.2	467.5	354.2	402.1	56.0	65.4	384.6	242.4	51.6	65.9	44.6	56.6	13.7	14.0
Zhytomyr	275.4	295.8	250.5	256.1	24.9	39.7	200.5	141.6	57.9	67.6	52.6	58.6	9.0	13.4
Zakarpattia	260.1	311.7	243.7	275.6	16.4	36.1	215.3	137.1	54.7	69.5	51.3	61.4	6.3	11.6
Zaporizhia	393.0	432.5	356.9	388.2	36.1	44.3	309.6	186.0	55.9	69.9	50.8	62.8	9.2	10.2
Ivano-Frankivsk	270.2	339.3	248.1	310.2	22.1	29.1	255.6	153.3	51.4	68.9	47.2	63.0	8.2	8.6
Kyiv	374.2	416.4	352.3	387.6	21.9	28.8	296.4	187.5	55.8	69.0	52.5	64.2	5.9	6.9
Kirovohrad	206.1	230.5	186.1	200.7	20.0	29.8	172.9	106.9	54.4	68.3	49.1	59.5	9.7	12.9
Luhansk	176.1	186.6	151.6	154.7	24.5	31.9	117.6	80.6	60.0	69.8	51.6	57.9	13.9	17.1
Lviv	519.6	615.1	482.9	559.1	36.7	56.0	445.9	295.7	53.8	67.5	50.0	61.4	7.1	9.1
Mykolaiv	265.7	292.5	245.5	263.2	20.2	29.3	194.7	118.8	57.7	71.1	53.3	64.0	7.6	10.0
Odesa	480.1	606.2	461.7	554.5	18.4	51.7	445.9	241.6	51.8	71.5	49.9	65.4	3.8	8.5
Poltava	316.0	348.3	278.7	304.9	37.3	43.4	250.6	161.1	55.8	68.4	49.2	59.9	11.8	12.5
Rivne	265.0	276.4	241.8	245.9	23.2	30.5	165.1	126.5	61.6	68.6	56.2	61.0	8.8	11.0
Sumy	252.1	271.2	227.6	242.9	24.5	28.3	195.0	128.4	56.4	67.9	50.9	60.8	9.7	10.4
Ternopil	222.1	238.2	201.4	204.8	20.7	33.4	186.4	140.0	54.4	63.0	49.3	54.2	9.3	14.0
Kharkiv	617.0	707.2	574.5	656.3	42.5	50.9	473.6	278.7	56.6	71.7	52.7	66.6	6.9	7.2
Kherson	232.7	263.9	210.8	235.0	21.9	28.9	185.1	113.3	55.7	70.0	50.5	62.3	9.4	11.0
Khmelnysk	265.0	292.1	242.6	257.9	22.4	34.2	231.2	163.1	53.4	64.2	48.9	56.7	8.5	11.7
Cherkasy	274.6	305.6	258.3	265.2	16.3	40.4	214.9	131.2	56.1	70.0	52.8	60.7	5.9	13.2
Chernivtsi	192.1	212.8	167.5	199.7	24.6	13.1	157.0	107.3	55.0	66.5	48.0	62.4	12.8	6.2
Chernihiv	231.5	252.4	214.8	217.5	16.7	34.9	172.8	112.3	57.3	69.2	53.1	59.6	7.2	13.8
Kyiv city	729.9	730.5	680.2	677.6	49.7	52.9	444.8	283.5	62.1	72.0	57.9	66.8	6.8	7.2

Table 1.12. continued

	Economically active population aged 15-70, thsd. prs.						Economically inactive population aged 15-70, thsd. prs.		Economic activity rate, percent		Employment rate, percent		Unemployment rate, percent	
	Total		including											
			employed		unemployed		urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas
Ukraine	12,430.4	5,667.5	11,309.0	5,134.2	1,121.4	533.3	7,277.8	3,647.7	63.1	60.8	57.4	55.1	9.0	9.4
Vinnitsia	392.1	349.1	353.6	321.3	38.5	27.8	223.3	205.2	63.7	63.0	57.5	58.0	9.8	8.0
Volyn	237.4	203.0	220.4	176.9	17.0	26.1	168.2	139.9	58.5	59.2	54.3	51.6	7.2	12.9
Dnipropetrovsk	1,367.1	227.8	1,270.3	209.3	96.8	18.5	681.6	154.9	66.7	59.5	62.0	54.7	7.1	8.1
Donetsk	734.5	143.2	644.6	111.7	89.9	31.5	542.7	84.3	57.5	62.9	50.5	49.1	12.2	22.0
Zhytomyr	345.9	225.3	304.4	202.2	41.5	23.1	209.0	133.1	62.3	62.9	54.9	56.4	12.0	10.3
Zakarpattia	231.6	340.2	208.2	311.1	23.4	29.1	111.8	240.6	67.4	58.6	60.6	53.6	10.1	8.6
Zaporizhia	645.1	180.4	581.9	163.2	63.2	17.2	384.3	111.3	62.7	61.8	56.5	55.9	9.8	9.5
Ivano-Frankivsk	280.5	329.0	252.1	306.2	28.4	22.8	175.0	233.9	61.6	58.4	55.3	54.4	10.1	6.9
Kyiv	524.5	266.1	487.3	252.6	37.2	13.5	288.0	195.9	64.6	57.6	60.0	54.7	7.1	5.1
Kirovohrad	290.0	146.6	259.7	127.1	30.3	19.5	169.5	110.3	63.1	57.1	56.5	49.5	10.4	13.3
Luhansk	240.0	122.7	197.9	108.4	42.1	14.3	165.6	32.6	59.2	79.0	48.8	69.8	17.5	11.7
Lviv	731.9	402.8	670.1	371.9	61.8	30.9	430.3	311.3	63.0	56.4	57.7	52.1	8.4	7.7
Mykolaiv	375.4	182.8	341.2	167.5	34.2	15.3	227.2	86.3	62.3	67.9	56.6	62.2	9.1	8.4
Odesa	735.4	350.9	684.4	331.8	51.0	19.1	464.5	223.0	61.3	61.1	57.0	57.8	6.9	5.4
Poltava	426.6	237.7	383.2	200.4	43.4	37.3	251.5	160.2	62.9	59.7	56.5	50.4	10.2	15.7
Rivne	253.0	288.4	227.6	260.1	25.4	28.3	165.8	125.8	60.4	69.6	54.3	62.8	10.0	9.8
Sumy	358.5	164.8	319.6	150.9	38.9	13.9	234.3	89.1	60.5	64.9	53.9	59.4	10.9	8.4
Ternopil	243.1	217.2	212.5	193.7	30.6	23.5	119.8	206.6	67.0	51.3	58.6	45.7	12.6	10.8
Kharkiv	1,093.5	230.7	1,021.6	209.2	71.9	21.5	596.2	156.1	64.7	59.6	60.5	54.1	6.6	9.3
Kherson	291.7	204.9	254.8	191.0	36.9	13.9	197.4	101.0	59.6	67.0	52.1	62.4	12.6	6.8
Khmelnysk	338.1	219.0	311.1	189.4	27.0	29.6	219.8	174.5	60.6	55.7	55.8	48.1	8.0	13.5
Cherkasy	346.0	234.2	308.4	215.1	37.6	19.1	197.0	149.1	63.7	61.1	56.8	56.1	10.9	8.2
Chernivtsi	169.2	235.7	151.6	215.6	17.6	20.1	129.0	135.3	56.7	63.5	50.8	58.1	10.4	8.5
Chernihiv	318.9	165.0	284.7	147.6	34.2	17.4	197.7	87.4	61.7	65.4	55.1	58.5	10.7	10.5
Kyiv city	1,460.4	–	1,357.8	–	102.6	–	728.3	–	66.7	–	62.0	–	7.0	–

1.13. 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, percent	Employment rate, percent	Unemployment rate, percent
	Total	including					
		employed	unemployed				
Ukraine	17,396.0	15,742.0	1,654.0	6,920.6	71.5	64.7	9.5
Vinnitsia	710.4	644.1	66.3	266.9	72.7	65.9	9.3
Volyn	432.9	389.8	43.1	213.7	67.0	60.3	10.0
Dnipropetrovsk	1,555.0	1,439.7	115.3	474.7	76.6	70.9	7.4
Donetsk	852.1	730.7	121.4	385.7	68.8	59.0	14.2
Zhytomyr	537.5	472.9	64.6	231.3	69.9	61.5	12.0
Zakarpattia	550.5	498.0	52.5	244.4	69.3	62.6	9.5
Zaporizhia	789.9	709.5	80.4	301.9	72.3	65.0	10.2
Ivano-Frankivsk	578.1	526.9	51.2	296.4	66.1	60.3	8.9
Kyiv	777.6	726.9	50.7	296.5	72.4	67.7	6.5
Kirovohrad	419.7	369.9	49.8	172.1	70.9	62.5	11.9
Luhansk	339.5	283.3	56.2	102.5	76.8	64.1	16.6
Lviv	1,116.5	1,023.8	92.7	485.2	69.7	63.9	8.3
Mykolaiv	540.9	491.4	49.5	185.7	74.4	67.6	9.2
Odesa	1,048.7	978.6	70.1	439.5	70.5	65.8	6.7
Poltava	649.1	568.5	80.6	244.9	72.6	63.6	12.4
Rivne	489.9	436.2	53.7	232.1	67.9	60.4	11.0
Sumy	500.4	447.6	52.8	198.7	71.6	64.0	10.6
Ternopil	449.1	395.0	54.1	221.5	67.0	58.9	12.0
Kharkiv	1,285.8	1,192.4	93.4	440.1	74.5	69.1	7.3
Kherson	487.2	436.4	50.8	176.7	73.4	65.7	10.4
Khmelnysk	544.3	487.7	56.6	250.7	68.5	61.3	10.4
Cherkasy	566.3	509.6	56.7	197.8	74.1	66.7	10.0
Chernivtsi	360.5	322.8	37.7	212.4	62.9	56.3	10.5
Chernihiv	459.7	408.1	51.6	170.8	72.9	64.7	11.2
Kyiv city	1,354.4	1,252.2	102.2	478.4	73.9	68.3	7.5

Table 1.13. continued

	Economically active population, thsd. prs.						Economically inactive population, thsd. prs.		Economic activity rate, percent		Employment rate, percent		Unemployment rate, percent	
	Total		including											
			employed		unemployed									
	women	men	women	men	women	men	women	men	women	men	women	men	women	men
Ukraine	8,180.9	9,215.1	7,489.0	8,253.0	691.9	962.1	4,124.7	2,795.9	66.5	76.7	60.9	68.7	8.5	10.4
Vinnitsia	330.7	379.7	298.4	345.7	32.3	34.0	163.3	103.6	66.9	78.6	60.4	71.5	9.8	9.0
Volyn	204.1	228.8	186.1	203.7	18.0	25.1	121.4	92.3	62.7	71.3	57.2	63.4	8.8	11.0
Dnipropetrovsk	758.6	796.4	713.7	726.0	44.9	70.4	279.7	195.0	73.1	80.3	68.7	73.2	5.9	8.8
Donetsk	394.0	458.1	338.0	392.7	56.0	65.4	232.3	153.4	62.9	74.9	54.0	64.2	14.2	14.3
Zhytomyr	255.0	282.5	230.1	242.8	24.9	39.7	130.7	100.6	66.1	73.7	59.7	63.4	9.8	14.1
Zakarpattia	250.0	300.5	233.6	264.4	16.4	36.1	147.5	96.9	62.9	75.6	58.8	66.5	6.6	12.0
Zaporizhia	371.7	418.2	335.6	373.9	36.1	44.3	185.8	116.1	66.7	78.3	60.2	70.0	9.7	10.6
Ivano-Frankivsk	253.5	324.6	231.4	295.5	22.1	29.1	184.4	112.0	57.9	74.3	52.8	67.7	8.7	9.0
Kyiv	367.7	409.9	345.8	381.1	21.9	28.8	177.6	118.9	67.4	77.5	63.4	72.1	6.0	7.0
Kirovohrad	197.1	222.6	177.1	192.8	20.0	29.8	103.4	68.7	65.6	76.4	58.9	66.2	10.1	13.4
Luhansk	162.8	176.7	138.5	144.8	24.3	31.9	59.7	42.8	73.2	80.5	62.2	66.0	14.9	18.1
Lviv	510.8	605.7	474.1	549.7	36.7	56.0	285.6	199.6	64.1	75.2	59.5	68.3	7.2	9.2
Mykolaiv	256.2	284.7	236.0	255.4	20.2	29.3	113.1	72.6	69.4	79.7	63.9	71.5	7.9	10.3
Odesa	459.5	589.2	441.1	537.5	18.4	51.7	288.2	151.3	61.5	79.6	59.0	72.6	4.0	8.8
Poltava	308.0	341.1	270.8	297.7	37.2	43.4	144.7	100.2	68.0	77.3	59.8	67.5	12.1	12.7
Rivne	234.6	255.3	211.4	224.8	23.2	30.5	127.2	104.9	64.8	70.9	58.4	62.4	9.9	11.9
Sumy	240.7	259.7	216.2	231.4	24.5	28.3	115.0	83.7	67.7	75.6	60.8	67.4	10.2	10.9
Ternopil	217.5	231.6	196.8	198.2	20.7	33.4	120.1	101.4	64.4	69.5	58.3	59.5	9.5	14.4
Kharkiv	598.6	687.2	556.1	636.3	42.5	50.9	270.6	169.5	68.9	80.2	64.0	74.3	7.1	7.4
Kherson	226.6	260.6	204.7	231.7	21.9	28.9	109.4	67.3	67.4	79.5	60.9	70.7	9.7	11.1
Khmelnitsk	258.1	286.2	235.7	252.0	22.4	34.2	141.5	109.2	64.6	72.4	59.0	63.7	8.7	11.9
Cherkasy	267.5	298.8	251.2	258.4	16.3	40.4	121.6	76.2	68.7	79.7	64.6	68.9	6.1	13.5
Chernivtsi	165.7	194.8	141.1	181.7	24.6	13.1	124.2	88.2	57.2	68.8	48.7	64.2	14.8	6.7
Chernihiv	219.8	239.9	203.1	205.0	16.7	34.9	97.8	73.0	69.2	76.7	63.9	65.5	7.6	14.5
Kyiv city	672.1	682.3	622.4	629.8	49.7	52.5	279.9	198.5	70.6	77.5	65.4	71.5	7.4	7.7

Table 1.13. continued

	Economically active population, thsd. prs.						Economically inactive population, thsd. prs.		Economic activity rate, percent		Employment rate, percent		Unemployment rate, percent	
	Total		including											
			employed		unemployed		urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas	urban settlements	rural areas
Ukraine	11,990.2	5,405.8	10,869.5	4,872.5	1,120.7	533.3	4,467.3	2,453.3	72.9	68.8	66.0	62.0	9.3	9.9
Vinnitsia	377.5	332.9	339.0	305.1	38.5	27.8	138.7	128.2	73.1	72.2	65.7	66.2	10.2	8.4
Volyn	233.3	199.6	216.3	173.5	17.0	26.1	115.1	98.6	67.0	66.9	62.1	58.2	7.3	13.1
Dnipropetrovsk	1,333.4	221.6	1,236.6	203.1	96.8	18.5	375.4	99.3	78.0	69.1	72.4	63.3	7.3	8.3
Donetsk	711.4	140.7	621.5	109.2	89.9	31.5	339.1	46.6	67.7	75.1	59.2	58.3	12.6	22.4
Zhytomyr	329.4	208.1	287.9	185.0	41.5	23.1	137.0	94.3	70.6	68.8	61.7	61.2	12.6	11.1
Zakarpattia	224.1	326.4	200.7	297.3	23.4	29.1	67.7	176.7	76.8	64.9	68.8	59.1	10.4	8.9
Zaporizhia	617.9	172.0	554.7	154.8	63.2	17.2	229.4	72.5	72.9	70.3	65.5	63.3	10.2	10.0
Ivano-Frankivsk	273.5	304.6	245.1	281.8	28.4	22.8	117.2	179.2	70.0	63.0	62.7	58.2	10.4	7.5
Kyiv	518.0	259.6	480.8	246.1	37.2	13.5	170.3	126.2	75.3	67.3	69.9	63.8	7.2	5.2
Kirovohrad	278.4	141.3	248.1	121.8	30.3	19.5	100.2	71.9	73.5	66.3	65.5	57.1	10.9	13.8
Luhansk	233.2	106.3	191.3	92.0	41.9	14.3	85.8	16.7	73.1	86.4	60.0	74.8	18.0	13.5
Lviv	719.4	397.1	657.6	366.2	61.8	30.9	266.8	218.4	72.9	64.5	66.7	59.5	8.6	7.8
Mykolaiv	366.2	174.7	332.0	159.4	34.2	15.3	132.0	53.7	73.5	76.5	66.6	69.8	9.3	8.8
Odesa	711.6	337.1	660.6	318.0	51.0	19.1	289.2	150.3	71.1	69.2	66.0	65.2	7.2	5.7
Poltava	418.6	230.5	375.3	193.2	43.3	37.3	143.1	101.8	74.5	69.4	66.8	58.1	10.3	16.2
Rivne	234.3	255.6	208.9	227.3	25.4	28.3	126.9	105.2	64.9	70.8	57.8	63.0	10.8	11.1
Sumy	347.4	153.0	308.5	139.1	38.9	13.9	142.4	56.3	70.9	73.1	63.0	66.5	11.2	9.1
Ternopil	236.0	213.1	205.4	189.6	30.6	23.5	73.5	148.0	76.3	59.0	66.4	52.5	13.0	11.0
Kharkiv	1,058.4	227.4	986.5	205.9	71.9	21.5	346.0	94.1	75.4	70.7	70.2	64.0	6.8	9.5
Kherson	286.8	200.4	249.9	186.5	36.9	13.9	118.5	58.2	70.8	77.5	61.7	72.1	12.9	6.9
Khmelnysk	329.7	214.6	302.7	185.0	27.0	29.6	141.4	109.3	70.0	66.3	64.3	57.1	8.2	13.8
Cherkasy	336.2	230.1	298.6	211.0	37.6	19.1	114.0	83.8	74.7	73.3	66.3	67.2	11.2	8.3
Chernivtsi	154.1	206.4	136.5	186.3	17.6	20.1	100.1	112.3	60.6	64.8	53.7	58.5	11.4	9.7
Chernihiv	307.0	152.7	272.8	135.3	34.2	17.4	119.1	51.7	72.0	74.7	64.0	66.2	11.1	11.4
Kyiv city	1,354.4	–	1,252.2	–	102.2	–	478.4	–	73.9	–	68.3	–	7.5	–

1.14. 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	18,097.9	1,615.7	2,563.8	2,609.6	2,438.4	4,529.9	3,699.8	640.7	17,396.0	701.9
Vinnitsia	741.2	71.3	102.1	94.0	95.1	196.2	154.3	28.2	710.4	30.8
Volyn	440.4	48.4	67.4	65.0	61.8	108.1	83.0	6.7	432.9	7.5
Dnipropetrovsk	1,594.9	123.7	231.7	240.1	214.1	399.3	350.2	35.8	1,555.0	39.9
Donetsk	877.7	81.7	128.5	133.4	121.7	222.8	166.1	23.5	852.1	25.6
Zhytomyr	571.2	65.4	80.8	74.4	71.9	140.7	107.1	30.9	537.5	33.7
Zakarpattia	571.8	72.1	85.5	80.1	77.5	132.4	104.2	20.0	550.5	21.3
Zaporizhia	825.5	74.1	110.6	114.9	114.1	206.6	172.8	32.4	789.9	35.6
Ivano-Frankivsk	609.5	67.4	88.7	88.0	78.1	146.8	110.9	29.6	578.1	31.4
Kyiv	790.6	70.9	115.8	118.7	109.4	213.2	151.3	11.3	777.6	13.0
Kirovohrad	436.6	44.3	64.4	55.8	56.1	116.1	84.1	15.8	419.7	16.9
Luhansk	362.7	32.9	47.4	49.3	47.1	91.1	73.4	21.5	339.5	23.2
Lviv	1,134.7	109.9	162.8	174.0	152.7	283.3	236.1	15.9	1,116.5	18.2
Mykolaiv	558.2	48.5	76.9	78.9	72.0	142.0	123.7	16.2	540.9	17.3
Odesa	1,086.3	91.7	150.9	160.2	149.9	272.8	226.1	34.7	1,048.7	37.6
Poltava	664.3	60.7	93.8	91.0	89.9	178.9	136.3	13.7	649.1	15.2
Rivne	541.4	45.3	73.1	74.1	68.0	122.6	111.0	47.3	489.9	51.5
Sumy	523.3	41.3	73.5	70.9	72.2	132.1	112.7	20.6	500.4	22.9
Ternopil	460.3	55.3	61.3	65.3	60.3	113.1	94.3	10.7	449.1	11.2
Kharkiv	1,324.2	84.0	190.0	199.9	186.7	335.6	293.2	34.8	1,285.8	38.4
Kherson	496.6	49.7	71.1	67.6	68.1	127.1	104.7	8.3	487.2	9.4
Khmelnytsk	557.1	64.1	78.9	73.7	67.9	147.9	113.3	11.3	544.3	12.8
Cherkasy	580.2	49.9	81.5	80.1	77.0	154.9	124.0	12.8	566.3	13.9
Chernivtsi	404.9	32.1	55.7	53.1	54.0	95.0	74.3	40.7	360.5	44.4
Chernihiv	483.9	47.7	67.1	69.8	59.0	118.5	98.8	23.0	459.7	24.2
Kyiv city	1,460.4	83.3	204.3	237.3	213.8	332.8	293.9	95.0	1,354.4	106.0

1.15. 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	16,443.2	1,254.5	2,277.7	2,355.7	2,262.0	4,186.1	3,467.0	640.2	15,742.0	701.2
Vinnitsia	674.9	57.2	89.0	87.5	91.3	180.3	141.4	28.2	644.1	30.8
Volyn	397.3	36.6	60.8	58.7	57.3	99.1	78.1	6.7	389.8	7.5
Dnipropetrovsk	1,479.6	100.6	215.3	225.6	204.1	368.9	329.3	35.8	1,439.7	39.9
Donetsk	756.3	60.7	108.4	109.9	107.9	194.4	151.5	23.5	730.7	25.6
Zhytomyr	506.6	49.5	69.5	65.7	65.6	126.1	99.3	30.9	472.9	33.7
Zakarpattia	519.3	55.9	76.9	71.3	71.0	126.7	97.5	20.0	498.0	21.3
Zaporizhia	745.1	54.2	89.4	103.4	108.7	195.6	161.4	32.4	709.5	35.6
Ivano-Frankivsk	558.3	46.2	78.3	82.8	74.6	139.9	106.9	29.6	526.9	31.4
Kyiv	739.9	58.0	107.7	115.4	104.4	198.9	144.2	11.3	726.9	13.0
Kirovohrad	386.8	34.0	55.7	50.8	47.2	107.1	76.2	15.8	369.9	16.9
Luhansk	306.3	20.1	36.7	40.3	42.2	79.3	66.2	21.5	283.3	23.0
Lviv	1,042.0	78.8	149.9	158.2	145.2	265.9	228.1	15.9	1,023.8	18.2
Mykolaiv	508.7	38.5	70.4	67.1	66.4	135.3	114.8	16.2	491.4	17.3
Odesa	1016.2	82.3	138.5	144.3	146.9	259.5	210.0	34.7	978.6	37.6
Poltava	583.6	46.5	84.3	79.0	77.4	160.3	122.5	13.6	568.5	15.1
Rivne	487.7	38.6	60.8	65.2	60.4	106.6	108.8	47.3	436.2	51.5
Sumy	470.5	32.4	68.2	59.5	62.7	123.3	103.8	20.6	447.6	22.9
Ternopil	406.2	34.3	51.6	56.7	54.6	109.6	88.7	10.7	395.0	11.2
Kharkiv	1,230.8	71.2	172.1	191.8	177.0	302.2	281.7	34.8	1,192.4	38.4
Kherson	445.8	40.3	59.3	62.1	62.7	118.0	95.1	8.3	436.4	9.4
Khmelnitsk	500.5	47.2	68.9	68.0	64.6	132.8	107.7	11.3	487.7	12.8
Cherkasy	523.5	35.5	71.8	70.1	72.4	146.0	114.9	12.8	509.6	13.9
Chernivtsi	367.2	25.6	48.7	49.7	47.4	86.5	68.6	40.7	322.8	44.4
Chernihiv	432.3	39.9	58.6	58.3	51.7	109.5	91.3	23.0	408.1	24.2
Kyiv city	1,357.8	70.4	186.9	214.3	198.3	314.3	279.0	94.6	1,252.2	105.6

1.16. 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	1,654.7	361.2	286.1	253.9	176.4	343.8	232.8	0.5	1,654.0	0.7
Vinnitsia	66.3	14.1	13.1	6.5	3.8	15.9	12.9	–	66.3	–
Volyn	43.1	11.8	6.6	6.3	4.5	9.0	4.9	–	43.1	–
Dnipropetrovsk	115.3	23.1	16.4	14.5	10.0	30.4	20.9	–	115.3	–
Donetsk	121.4	21.0	20.1	23.5	13.8	28.4	14.6	–	121.4	–
Zhytomyr	64.6	15.9	11.3	8.7	6.3	14.6	7.8	–	64.6	–
Zakarpattia	52.5	16.2	8.6	8.8	6.5	5.7	6.7	–	52.5	–
Zaporizhia	80.4	19.9	21.2	11.5	5.4	11.0	11.4	–	80.4	–
Ivano-Frankivsk	51.2	21.2	10.4	5.2	3.5	6.9	4.0	–	51.2	–
Kyiv	50.7	12.9	8.1	3.3	5.0	14.3	7.1	–	50.7	–
Kirovohrad	49.8	10.3	8.7	5.0	8.9	9.0	7.9	–	49.8	–
Luhansk	56.4	12.8	10.7	9.0	4.9	11.8	7.2	–	56.2	0.2
Lviv	92.7	31.1	12.9	15.8	7.5	17.4	8.0	–	92.7	–
Mykolaiv	49.5	10.0	6.5	11.8	5.6	6.7	8.9	–	49.5	–
Odesa	70.1	9.4	12.4	15.9	3.0	13.3	16.1	–	70.1	–
Poltava	80.7	14.2	9.5	12.0	12.5	18.6	13.8	0.1	80.6	0.1
Rivne	53.7	6.7	12.3	8.9	7.6	16.0	2.2	–	53.7	–
Sumy	52.8	8.9	5.3	11.4	9.5	8.8	8.9	–	52.8	–
Ternopil	54.1	21.0	9.7	8.6	5.7	3.5	5.6	–	54.1	–
Kharkiv	93.4	12.8	17.9	8.1	9.7	33.4	11.5	–	93.4	–
Kherson	50.8	9.4	11.8	5.5	5.4	9.1	9.6	–	50.8	–
Khmelnysk	56.6	16.9	10.0	5.7	3.3	15.1	5.6	–	56.6	–
Cherkasy	56.7	14.4	9.7	10.0	4.6	8.9	9.1	–	56.7	–
Chernivtsi	37.7	6.5	7.0	3.4	6.6	8.5	5.7	–	37.7	–
Chernihiv	51.6	7.8	8.5	11.5	7.3	9.0	7.5	–	51.6	–
Kyiv city	102.6	12.9	17.4	23.0	15.5	18.5	14.9	0.4	102.2	0.4

1.17. 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	10,925.5	2,836.4	609.8	560.5	422.5	796.4	1,918.1	3,781.8	6,920.6	4,004.9
Vinnitsia	428.5	117.3	25.3	22.1	14.9	26.0	70.0	152.9	266.9	161.6
Volyn	308.1	82.9	19.7	19.8	13.1	27.2	56.7	88.7	213.7	94.4
Dnipropetrovsk	836.5	219.6	37.1	30.0	28.8	45.8	133.9	341.3	474.7	361.8
Donetsk	627.0	109.8	34.0	32.2	29.6	49.5	144.1	227.8	385.7	241.3
Zhytomyr	342.1	84.7	19.4	19.4	15.2	30.6	68.4	104.4	231.3	110.8
Zakarpattia	352.4	94.9	19.6	22.1	16.1	35.9	62.4	101.4	244.4	108.0
Zaporizhia	495.6	107.0	33.5	23.3	17.2	35.8	95.5	183.3	301.9	193.7
Ivano-Frankivsk	408.9	111.3	26.3	22.4	20.3	40.1	82.7	105.8	296.4	112.5
Kyiv	483.9	113.6	25.9	27.1	16.1	26.0	98.8	176.4	296.5	187.4
Kirovohrad	279.8	64.2	13.7	13.3	10.3	20.1	56.3	101.9	172.1	107.7
Luhansk	198.2	38.0	10.3	6.0	5.0	7.4	39.9	91.6	102.5	95.7
Lviv	741.6	208.3	42.0	37.5	25.7	57.5	129.3	241.3	485.2	256.4
Mykolaiv	313.5	80.9	21.3	14.5	12.8	15.7	48.2	120.1	185.7	127.8
Odesa	687.5	188.9	45.9	40.4	25.8	52.1	100.5	233.9	439.5	248.0
Poltava	411.7	93.8	22.8	18.9	15.5	28.1	74.8	157.8	244.9	166.8
Rivne	291.6	108.7	22.2	17.2	14.3	28.5	44.1	56.6	232.1	59.5
Sumy	323.4	76.6	16.8	15.4	9.1	26.0	61.8	117.7	198.7	124.7
Ternopil	326.4	78.5	24.4	19.7	15.5	31.1	58.4	98.8	221.5	104.9
Kharkiv	752.3	223.4	29.1	35.4	21.2	38.6	110.0	294.6	440.1	312.2
Kherson	298.4	70.8	18.0	15.2	8.6	18.7	52.5	114.6	176.7	121.7
Khmelnitsk	394.3	84.7	23.1	21.7	22.5	31.6	75.5	135.2	250.7	143.6
Cherkasy	346.1	85.7	17.5	13.2	9.5	21.7	58.1	140.4	197.8	148.3
Chernivtsi	264.3	89.1	18.3	21.1	12.7	27.0	46.5	49.6	212.4	51.9
Chernihiv	285.1	57.9	17.0	10.8	13.0	21.0	58.6	106.8	170.8	114.3
Kyiv city	728.3	245.8	26.6	41.8	29.7	54.4	91.1	238.9	478.4	249.9

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

	Economically active population, thsd. prs.								Economic activity rate, percent							
	Total	by level of education							Total	by level of education						
		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated
Ukraine	18,097.9	5,717.7	226.7	3,526.7	4,747.9	3,494.5	369.7	14.7	62.4	77.9	58.4	68.4	70.7	47.2	20.6	6.5
Vinnitsia	741.2	204.4	10.7	156.6	180.4	162.5	26.4	0.2	63.4	80.2	65.6	67.2	71.6	54.1	26.1	1.6
Volyn	440.4	120.0	5.5	82.4	123.9	100.0	8.5	0.1	58.8	79.2	84.6	68.7	68.4	43.2	15.8	2.5
Dnipropetrovsk	1,594.9	418.0	22.3	401.5	409.1	311.5	31.0	1.5	65.6	79.7	64.8	74.7	74.7	49.2	21.4	14.7
Donetsk	877.7	214.2	14.1	210.7	298.4	121.3	17.6	1.4	58.3	72.6	71.6	63.0	65.5	41.3	20.5	6.8
Zhytomyr	571.2	143.6	6.2	119.6	157.5	135.3	9.0	–	62.5	82.1	80.5	69.7	68.5	50.3	16.9	–
Zakarpattia	571.8	120.5	10.7	57.8	63.1	283.7	33.0	3.0	61.9	83.2	55.4	70.8	71.2	59.6	33.4	20.7
Zaporizhia	825.5	271.4	8.5	160.4	233.0	142.5	9.7	–	62.5	78.8	65.4	67.0	71.1	44.9	14.5	–
Ivano-Frankivsk	609.5	163.7	7.2	86.7	132.6	197.5	21.6	0.2	59.8	76.7	52.2	67.1	71.1	54.3	21.4	1.8
Kyiv	790.6	248.8	11.4	151.2	201.3	171.7	5.8	0.4	62.0	78.3	60.3	69.9	71.3	47.2	8.5	5.5
Kirovohrad	436.6	121.1	5.9	100.5	120.8	79.0	8.3	1.0	60.9	76.7	71.1	64.1	67.1	48.9	19.3	10.8
Luhansk	362.7	100.7	4.8	73.2	126.1	50.3	6.9	0.7	64.7	80.4	46.6	64.5	68.6	52.9	25.5	11.7
Lviv	1,134.7	393.1	13.1	200.2	384.4	135.6	8.3	–	60.5	80.0	53.3	70.2	68.6	34.4	7.7	–
Mykolaiv	558.2	150.5	11.8	112.6	154.5	109.9	18.9	–	64.0	74.2	61.1	69.0	73.3	54.4	28.3	–
Odesa	1,086.3	359.1	11.4	181.2	271.0	234.0	28.1	1.5	61.2	72.5	50.0	71.5	73.9	48.7	19.0	21.1
Poltava	664.3	186.4	13.2	163.6	214.5	69.0	16.8	0.8	61.7	73.6	67.3	64.1	70.5	40.4	26.3	9.1
Rivne	541.4	135.4	4.9	89.6	158.3	134.9	17.2	1.1	65.0	74.7	39.8	73.8	79.1	54.2	28.8	11.7
Sumy	523.3	127.5	5.7	113.4	183.0	87.8	5.0	0.9	61.8	75.7	77.0	66.3	70.8	45.2	13.6	8.9
Ternopil	460.3	172.6	5.7	96.2	124.8	54.6	6.4	–	58.5	79.1	64.0	65.1	64.3	36.1	10.6	–
Kharkiv	1,324.2	528.4	6.8	215.4	347.3	215.9	10.4	–	63.8	77.6	41.7	70.6	74.1	40.0	16.3	–
Kherson	496.6	101.7	2.8	108.3	146.4	115.3	21.2	0.9	62.5	69.8	58.3	66.4	71.6	59.8	31.5	5.3
Khmelnitsk	557.1	160.0	11.1	110.6	188.7	77.2	9.5	–	58.6	76.9	77.6	63.1	63.9	41.2	14.8	–
Cherkasy	580.2	153.8	7.7	137.9	171.0	102.2	7.6	–	62.6	79.2	56.2	65.3	69.1	49.1	16.4	–
Chernivtsi	404.9	100.7	3.6	70.3	70.9	132.6	25.9	0.9	60.5	74.0	52.2	71.3	65.3	55.3	36.9	10.0
Chernihiv	483.9	133.5	7.1	101.6	133.9	98.2	9.5	0.1	62.9	77.5	61.7	65.6	73.1	51.0	19.4	1.7
Kyiv city	1,460.4	888.6	14.5	225.2	153.0	172.0	7.1	–	66.7	82.0	38.6	71.3	76.7	34.5	14.8	–

1.19. Employed population, by level of education and region

	Employed population aged 15-70, thsd. prs.								Employment rate, percent							
	Total	by level of education							Total	by level of education						
		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated
Ukraine	16,443.2	5,272.3	191.3	3,227.5	4,253.7	3,160.4	324.5	13.5	56.7	71.9	49.3	62.6	63.3	42.7	18.1	6.0
Vinnitsia	674.9	186.5	6.7	145.3	162.7	149.2	24.3	0.2	57.7	73.2	41.1	62.3	64.6	49.7	24.0	1.6
Volyn	397.3	110.5	3.8	77.0	110.7	88.7	6.5	0.1	53.1	72.9	58.5	64.2	61.1	38.3	12.1	2.5
Dnipropetrovsk	1,479.6	397.5	21.8	380.8	369.5	279.2	29.3	1.5	60.9	75.8	63.4	70.8	67.5	44.1	20.2	14.7
Donetsk	756.3	194.4	13.6	186.7	249.5	95.8	14.9	1.4	50.3	65.9	69.0	55.8	54.8	32.6	17.4	6.8
Zhytomyr	506.6	126.4	4.4	109.2	139.3	119.1	8.2	–	55.5	72.3	57.1	63.6	60.6	44.2	15.4	–
Zakarpattia	519.3	109.7	8.0	57.1	58.5	252.0	31.0	3.0	56.2	75.7	41.5	70.0	66.0	52.9	31.3	20.7
Zaporizhia	745.1	238.7	6.9	146.4	212.1	132.9	8.1	–	56.4	69.3	53.1	61.1	64.7	41.9	12.1	–
Ivano-Frankivsk	558.3	152.6	5.2	78.9	122.4	179.1	19.9	0.2	54.8	71.5	37.7	61.1	65.6	49.3	19.7	1.8
Kyiv	739.9	236.1	10.8	139.6	188.1	159.1	5.8	0.4	58.1	74.3	57.1	64.5	66.6	43.8	8.5	5.5
Kirovohrad	386.8	112.6	4.2	90.6	105.0	68.0	6.4	–	54.0	71.3	50.6	57.8	58.4	42.1	14.9	–
Luhansk	306.3	89.1	4.1	57.3	103.9	44.7	6.7	0.5	54.6	71.2	39.8	50.5	56.5	47.1	24.7	8.3
Lviv	1,042.0	360.2	10.5	180.7	356.7	126.6	7.3	–	55.5	73.3	42.7	63.4	63.6	32.1	6.7	–
Mykolaiv	508.7	145.3	9.3	99.9	140.7	97.9	15.6	–	58.4	71.6	48.2	61.3	66.7	48.5	23.4	–
Odesa	1,016.2	338.9	11.4	164.0	251.8	226.0	22.6	1.5	57.3	68.4	50.0	64.7	68.7	47.0	15.2	21.1
Poltava	583.6	172.8	11.5	146.0	180.2	58.9	13.4	0.8	54.2	68.2	58.7	57.2	59.2	34.5	20.9	9.1
Rivne	487.7	118.9	4.9	85.0	144.8	118.0	15.0	1.1	58.5	65.6	39.8	70.0	72.3	47.4	25.1	11.7
Sumy	470.5	121.8	3.6	97.6	161.8	82.3	2.5	0.9	55.6	72.3	48.6	57.1	62.6	42.3	6.8	8.9
Ternopil	406.2	154.4	5.2	83.8	106.1	50.7	6.0	–	51.6	70.8	58.4	56.7	54.7	33.5	10.0	–
Kharkiv	1,230.8	488.6	6.8	206.5	319.1	199.4	10.4	–	59.3	71.7	41.7	67.7	68.1	37.0	16.3	–
Kherson	445.8	92.6	2.8	96.6	132.8	100.6	19.5	0.9	56.1	63.6	58.3	59.3	65.0	52.2	28.9	5.3
Khmelnysk	500.5	152.3	6.8	100.7	163.8	68.6	8.3	–	52.6	73.2	47.6	57.4	55.5	36.6	12.9	–
Cherkasy	523.5	136.6	5.6	128.7	153.3	93.0	6.3	–	56.5	70.3	40.9	60.9	62.0	44.6	13.6	–
Chernivtsi	367.2	81.7	3.6	67.9	67.4	124.9	20.8	0.9	54.9	60.1	52.2	68.9	62.1	52.0	29.7	10.0
Chernihiv	432.3	122.6	6.7	93.8	113.9	86.6	8.6	0.1	56.2	71.2	58.3	60.6	62.2	45.0	17.6	1.7
Kyiv city	1,357.8	831.5	13.1	207.4	139.6	159.1	7.1	–	62.0	76.7	34.8	65.6	70.0	31.9	14.8	–

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

	Economically inactive population aged 15-70, thsd. prs.								Economic inactivity rate, percent							
	Total	by level of education							Total	by level of education						
		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated
Ukraine	10,925.5	1,619.0	161.5	1,627.9	1,968.0	3,911.6	1,426.6	210.9	37.6	22.1	41.6	31.6	29.3	52.8	79.4	93.5
Vinnitsia	428.5	50.4	5.6	76.5	71.4	137.7	74.9	12.0	36.6	19.8	34.4	32.8	28.4	45.9	73.9	98.4
Volyn	308.1	31.5	1.0	37.6	57.2	131.5	45.4	3.9	41.2	20.8	15.4	31.3	31.6	56.8	84.2	97.5
Dnipropetrovsk	836.5	106.5	12.1	136.0	138.2	321.1	113.9	8.7	34.4	20.3	35.2	25.3	25.3	50.8	78.6	85.3
Donetsk	627.0	80.8	5.6	123.8	156.9	172.6	68.2	19.1	41.7	27.4	28.4	37.0	34.5	58.7	79.5	93.2
Zhytomyr	342.1	31.3	1.5	52.0	72.5	133.9	44.3	6.6	37.5	17.9	19.5	30.3	31.5	49.7	83.1	100.0
Zakarpattia	352.4	24.4	8.6	23.8	25.5	192.7	65.9	11.5	38.1	16.8	44.6	29.2	28.8	40.4	66.6	79.3
Zaporizhia	495.6	72.9	4.5	79.1	94.6	175.0	57.3	12.2	37.5	21.2	34.6	33.0	28.9	55.1	85.5	100.0
Ivano-Frankivsk	408.9	49.7	6.6	42.5	53.9	166.1	79.2	10.9	40.2	23.3	47.8	32.9	28.9	45.7	78.6	98.2
Kyiv	483.9	68.9	7.5	65.2	81.2	191.9	62.3	6.9	38.0	21.7	39.7	30.1	28.7	52.8	91.5	94.5
Kirovohrad	279.8	36.8	2.4	56.2	59.1	82.4	34.6	8.3	39.1	23.3	28.9	35.9	32.9	51.1	80.7	89.2
Luhansk	198.2	24.5	5.5	40.3	57.7	44.7	20.2	5.3	35.3	19.6	53.4	35.5	31.4	47.1	74.5	88.3
Lviv	741.6	98.5	11.5	85.0	176.1	259.1	99.9	11.5	39.5	20.0	46.7	29.8	31.4	65.6	92.3	100.0
Mykolaiv	313.5	52.4	7.5	50.5	56.4	92.1	47.8	6.8	36.0	25.8	38.9	31.0	26.7	45.6	71.7	100.0
Odesa	687.5	136.1	11.4	72.1	95.6	246.6	120.1	5.6	38.8	27.5	50.0	28.5	26.1	51.3	81.0	78.9
Poltava	411.7	66.9	6.4	91.7	89.7	101.8	47.2	8.0	38.3	26.4	32.7	35.9	29.5	59.6	73.8	90.9
Rivne	291.6	45.8	7.4	31.8	41.9	113.9	42.5	8.3	35.0	25.3	60.2	26.2	20.9	45.8	71.2	88.3
Sumy	323.4	41.0	1.7	57.6	75.4	106.6	31.9	9.2	38.2	24.3	23.0	33.7	29.2	54.8	86.4	91.1
Ternopil	326.4	45.6	3.2	51.6	69.3	96.7	53.7	6.3	41.5	20.9	36.0	34.9	35.7	63.9	89.4	100.0
Kharkiv	752.3	152.7	9.5	89.6	121.1	323.3	53.4	2.7	36.2	22.4	58.3	29.4	25.9	60.0	83.7	100.0
Kherson	298.4	43.9	2.0	54.7	58.0	77.5	46.2	16.1	37.5	30.2	41.7	33.6	28.4	40.2	68.5	94.7
Khmelnitsk	394.3	48.1	3.2	64.7	106.6	110.2	54.6	6.9	41.4	23.1	22.4	36.9	36.1	58.8	85.2	100.0
Cherkasy	346.1	40.5	6.0	73.3	76.4	106.1	38.7	5.1	37.4	20.8	43.8	34.7	30.9	50.9	83.6	100.0
Chernivtsi	264.3	35.3	3.3	28.3	37.7	107.4	44.2	8.1	39.5	26.0	47.8	28.7	34.7	44.8	63.1	90.0
Chernihiv	285.1	38.8	4.4	53.2	49.2	94.4	39.4	5.7	37.1	22.5	38.3	34.4	26.9	49.0	80.6	98.3
Kyiv city	728.3	195.7	23.1	90.8	46.4	326.3	40.8	5.2	33.3	18.0	61.4	28.7	23.3	65.5	85.2	100.0

EMPLOYED POPULATION, 2015

SECTION 2

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

	Population aged 15-70 engaged in economic activity, average for the period				
	I quarter	II quarter	III quarter	IV quarter	year
Total, thsd. prs.	16,254.6	16,560.3	16,733.5	16,224.4	16,443.2
including by status in employment, in percentage to the total					
employees	84.7	83.5	83.7	84.4	84.1
employers	1.2	1.4	1.4	1.0	1.2
own-account workers ¹	13.9	14.8	14.6	14.4	14.5
contributing family workers	0.2	0.3	0.3	0.2	0.2

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.	7,843.4	8,411.2	7,899.7	8,660.6	7,967.7	8,765.8	7,778.7	8,445.7	7,872.4	8,570.8
including by status in employment, in percentage to the total										
employees	86.5	82.9	85.7	81.7	85.6	81.9	86.9	82.1	86.2	82.2
employers	0.8	1.6	0.8	1.8	0.7	2.0	0.5	1.4	0.7	1.7
own-account workers ¹	12.4	15.4	13.2	16.3	13.4	15.8	12.4	16.3	12.8	15.9
contributing family workers	0.3	0.1	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.2

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.	11,262.3	4,992.3	11,329.8	5,230.5	11,436.1	5,297.4	11,207.8	5,016.6	11,309.0	5,134.2
including by status in employment, in percentage to the total										
employees	91.7	68.8	90.9	67.6	91.0	67.8	91.1	69.4	91.2	68.4
employers	1.3	0.8	1.6	0.9	1.6	0.9	1.0	0.9	1.4	0.9
own-account workers ¹	6.9	29.9	7.4	30.9	7.3	30.6	7.8	29.3	7.3	30.1
contributing family workers	0.1	0.5	0.1	0.6	0.1	0.7	0.1	0.4	0.1	0.6

¹ Including persons who worked in collaboration with partners.

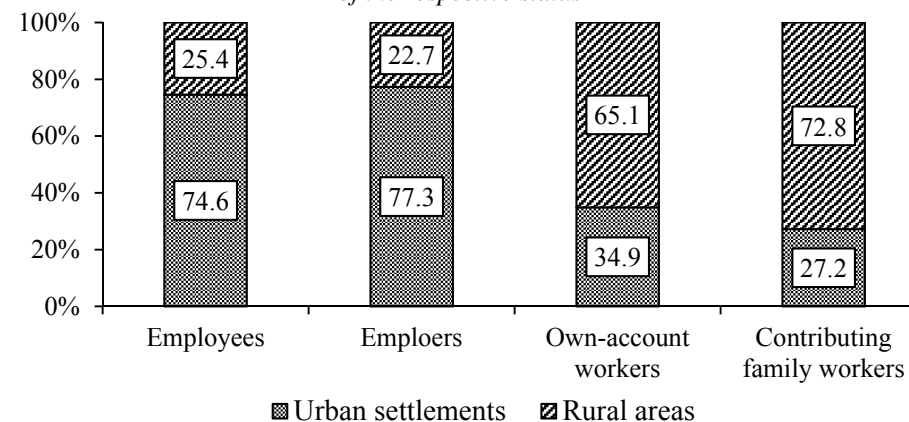
2.2. Employed population aged 15-70, by status in employment and sex

in % of the employed population of the respective status



2.3. Employed population aged 15-70, by status in employment and place of residence

in % of the employed population of the respective status



2.4. Employed population, by type of economic activity

(thsd. prs.)

	Total	including	
		employees of enterprises, establishments and organizations	in percentage to the total
Total¹	16,443.2	9,501.1	100.0
including by type of economic activity			
agriculture, forestry and fishing	2,870.6	568.5	6.0
industry	2,573.9	2,171.6	22.8
construction	642.1	248.1	2.6
wholesale and retail trade; repair of motor vehicles and motorcycles	3,510.7	887.0	9.3
transportation and storage	998.0	704.5	7.4
accommodation and food service activities	277.3	94.3	1.0
information and communication	272.9	170.4	1.8
financial and insurance activities	243.6	223.2	2.4
real estate activities	268.3	156.2	1.6
professional, scientific and technical activities	422.9	317.8	3.4
administrative and support service activities	298.6	248.8	2.6
public administration and defence, compulsory social security ²	974.5	974.5	10.3
education	1,496.5	1,478.3	15.6
human health and social work activities	1,040.7	1,007.9	10.6
arts, entertainment and recreation	207.9	174.2	1.8
other types of economic activity	344.7	75.8	0.8

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.

² Including a number of temporary employees who in 2015 were involved in the preparation and holding of elections deputies of local councils and village, town and city heads.

2.5. Employed population, by type 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	16,443.2	2,870.6	2,573.9	642.1	3,510.7	998.0	277.3	272.9	243.6
Vinnitsya	674.9	207.9	74.1	15.6	132.0	41.4	6.0	6.4	6.3
Volyn	397.3	89.2	50.9	10.3	89.0	21.9	5.7	3.1	4.1
Dnipropetrovsk	1,479.6	116.6	372.4	57.3	367.2	90.3	23.4	25.5	26.2
Donetsk	756.3	65.2	247.0	26.5	148.5	49.4	8.3	10.9	6.0
Zhytomyr	506.6	75.1	71.3	20.0	117.9	36.6	6.8	7.6	5.0
Zakarpattia	519.3	128.9	58.5	28.7	92.6	26.9	15.2	3.3	3.7
Zaporizhia	745.1	120.0	166.6	29.8	156.0	37.6	13.8	8.5	8.1
Ivano-Frankivsk	558.3	159.9	68.1	25.3	103.3	23.6	8.6	3.7	4.8
Kyiv	739.9	49.3	130.3	27.3	157.4	66.1	13.9	13.3	15.8
Kirovohrad	386.8	109.4	50.5	12.3	64.4	25.3	4.5	4.2	2.7
Luhansk	306.3	37.9	94.7	11.3	61.6	19.5	5.0	2.8	1.6
Lviv	1,042.0	184.0	148.7	67.0	194.0	63.1	24.4	18.1	12.0
Mykolaiv	508.7	142.5	67.8	18.2	99.2	30.7	8.0	3.3	3.8
Odesa	1,016.2	167.9	84.7	41.0	230.7	106.9	23.7	15.6	12.1
Poltava	583.6	119.8	105.7	16.7	113.2	42.2	9.2	5.3	5.6
Rivne	487.7	86.1	64.7	22.7	128.1	26.3	9.9	5.3	4.4
Sumy	470.5	103.6	73.8	22.0	89.8	27.8	4.0	4.2	3.9
Ternopil	406.2	126.8	35.7	12.4	69.6	19.3	6.9	3.5	3.3
Kharkiv	1,230.8	161.9	230.0	54.6	281.7	69.1	17.5	23.9	14.0
Kherson	445.8	128.8	40.9	12.0	96.6	21.3	6.7	3.6	3.9
Khmelnysk	500.5	133.3	61.9	12.9	110.1	23.4	4.7	3.9	4.1
Cherkasy	523.5	144.0	75.7	21.7	94.1	28.8	5.7	4.9	6.4
Chernivtsi	367.2	102.0	36.1	16.9	69.2	15.8	8.0	3.5	3.1
Chernihiv	432.3	107.0	53.4	8.5	95.5	19.5	4.7	4.9	5.5
Kyiv city	1,357.8	3.5	110.4	51.1	349.0	65.2	32.7	83.6	77.2

¹ See footnote to Table 2.4.

Table 2.5. continued

	including							
	real estate activities	professional, scientific and technical activities	administrative and support service activities	public administration and defense, compulsory social security	education	human health and social work activities	arts, entertainment and recreation	other types of economic activity
Ukraine	268.3	422.9	298.6	974.5	1,496.5	1,040.7	207.9	344.7
Vinnitsia	6.1	9.9	7.7	39.8	63.9	45.8	5.3	6.7
Volyn	4.6	5.8	4.6	25.1	46.6	27.8	4.4	4.2
Dnipropetrovsk	21.2	35.7	34.2	65.8	119.0	85.2	12.4	27.2
Donetsk	10.5	13.2	11.2	40.5	52.3	41.5	10.8	14.5
Zhytomyr	4.5	8.3	6.9	42.9	49.4	35.2	6.3	12.8
Zakarpattia	5.0	4.8	3.5	28.7	48.3	28.0	5.6	37.6
Zaporizhia	12.3	16.9	13.4	41.4	55.2	48.1	8.5	8.9
Ivano-Frankivsk	4.2	8.1	7.8	24.1	54.8	37.8	7.4	16.8
Kyiv	15.4	29.4	20.3	50.3	65.5	60.2	13.1	12.3
Kirovohrad	5.7	4.8	3.5	25.8	35.4	27.4	5.5	5.4
Luhansk	1.9	5.7	2.8	18.8	20.9	15.2	2.0	4.6
Lviv	12.4	21.4	18.3	65.8	104.5	75.1	12.2	21.0
Mykolaiv	5.3	6.2	6.4	32.8	42.2	27.3	5.7	9.3
Odesa	25.9	20.8	25.3	63.2	99.7	59.4	12.4	26.9
Poltava	6.8	8.7	7.9	34.9	50.6	40.6	7.0	9.4
Rivne	4.8	6.8	5.0	23.4	47.8	32.9	7.0	12.5
Sumy	4.0	7.4	7.8	29.2	43.1	31.2	5.5	13.2
Ternopil	3.2	5.9	4.0	23.2	45.5	29.5	6.6	10.8
Kharkiv	36.5	42.0	18.8	60.3	117.6	71.0	14.5	17.4
Kherson	5.9	8.4	4.3	26.3	44.5	26.0	8.2	8.4
Khmelnysk	4.8	6.7	5.8	33.4	50.9	34.0	5.0	5.6
Cherkasy	4.6	9.2	7.9	24.5	45.5	36.7	5.4	8.4
Chernivtsi	4.3	4.4	2.9	17.2	35.7	24.1	4.2	19.8
Chernihiv	5.1	7.4	6.5	31.6	37.5	33.7	6.6	4.9
Kyiv city	53.3	125.0	61.8	105.5	120.1	67.0	26.3	26.1

2.6. Employed population, by occupational group, sex, place of residence and age group
(by section of Classification of Occupations (CO))

(thsd. prs.)

	Employed aged 15-70	by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total	16,443.2	1,254.5	2,277.7	2,355.7	2,262.0	4,186.1	3,467.0	640.2	15,742.0	701.2
including by occupational group										
legislators, senior officials and managers	1,299.0	50.9	152.1	210.6	210.0	342.5	279.3	53.6	1,240.0	59.0
professionals	2,903.7	164.9	488.2	503.1	418.6	704.8	516.3	107.8	2,786.6	117.1
experts	1,978.3	148.1	290.1	297.2	277.1	510.6	391.1	64.1	1,904.0	74.3
clerical support workers	521.2	47.7	96.6	71.0	57.8	139.0	95.8	13.3	506.0	15.2
services and sales workers	2,691.2	256.1	402.2	379.4	385.1	687.7	528.3	52.4	2,627.8	63.4
skilled agriculture, forestry, fishery and fish farming workers	155.8	18.6	15.9	14.1	22.7	45.1	37.5	1.9	153.9	1.9
skilled workers using specific tools	2,017.0	181.1	286.2	316.0	288.8	501.0	404.4	39.5	1,976.3	40.7
plant and machine operators, and assemblers	1,849.2	114.3	206.4	236.9	257.7	528.5	458.3	47.1	1,798.6	50.6
elementary occupations	3,027.8	272.8	340.0	327.4	344.2	726.9	756.0	260.5	2,748.8	279.0

Table 2.6. continued

	Employed aged 15-70	by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Women	7,872.4	537.8	981.0	1,050.5	1,085.2	2,150.0	1,745.5	322.4	7,489.0	383.4
including by occupational group										
legislators, senior officials and managers	514.0	27.4	58.8	75.4	83.9	139.2	113.7	15.6	493.0	21.0
professionals	1,770.2	96.9	268.6	288.0	257.5	463.0	335.7	60.5	1,700.4	69.8
experts	1,278.9	86.9	162.4	172.6	175.9	355.1	276.7	49.3	1,219.4	59.5
clerical support workers	435.0	37.6	71.2	60.5	48.9	120.7	84.7	11.4	421.7	13.3
services and sales workers	1,817.7	160.9	236.6	253.5	269.9	491.1	375.4	30.3	1,776.4	41.3
skilled agriculture, forestry, fishery and fish farming workers	59.2	3.9	4.2	2.7	9.9	21.6	16.6	0.3	58.9	0.3
skilled workers using specific tools	275.5	14.6	35.6	38.6	37.6	88.3	57.6	3.2	271.1	4.4
plant and machine operators, and assemblers	299.2	16.0	27.8	35.7	38.2	100.6	74.8	6.1	289.6	9.6
elementary occupations	1,422.7	93.6	115.8	123.5	163.4	370.4	410.3	145.7	1,258.5	164.2

Table 2.6. continued

	Employed aged 15-70	by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Men	8,570.8	716.7	1,296.7	1,305.2	1,176.8	2,036.1	1,721.5	317.8	8,253.0	317.8
including by occupational group										
legislators, senior officials and managers	785.0	23.5	93.3	135.2	126.1	203.3	165.6	38.0	747.0	38.0
professionals	1,133.5	68.0	219.6	215.1	161.1	241.8	180.6	47.3	1,086.2	47.3
experts	699.4	61.2	127.7	124.6	101.2	155.5	114.4	14.8	684.6	14.8
clerical support workers	86.2	10.1	25.4	10.5	8.9	18.3	11.1	1.9	84.3	1.9
services and sales workers	873.5	95.2	165.6	125.9	115.2	196.6	152.9	22.1	851.4	22.1
skilled agriculture, forestry, fishery and fish farming workers	96.6	14.7	11.7	11.4	12.8	23.5	20.9	1.6	95.0	1.6
skilled workers using specific tools	1,741.5	166.5	250.6	277.4	251.2	412.7	346.8	36.3	1,705.2	36.3
plant and machine operators, and assemblers	1,550.0	98.3	178.6	201.2	219.5	427.9	383.5	41.0	1,509.0	41.0
elementary occupations	1,605.1	179.2	224.2	203.9	180.8	356.5	345.7	114.8	1,490.3	114.8

Table 2.6. continued

	Employed aged 15-70	by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Urban settlements	11,309.0	727.0	1,595.7	1,769.7	1,606.9	2,844.5	2,365.7	399.5	10,869.5	439.5
including by occupational group										
legislators, senior officials and managers	1,115.8	45.5	136.3	193.3	182.7	283.9	226.1	48.0	1,063.1	52.7
professionals	2,454.2	126.5	407.0	444.6	364.4	588.3	430.6	92.8	2,354.8	99.4
experts	1,547.0	101.9	219.6	240.7	222.5	396.7	310.9	54.7	1,483.9	63.1
clerical support workers	409.2	35.2	85.3	60.6	44.5	100.8	71.2	11.6	396.9	12.3
services and sales workers	1,992.2	177.9	301.4	289.2	283.2	504.4	392.4	43.7	1,939.1	53.1
skilled agriculture, forestry, fishery and fish farming workers	54.6	9.5	7.9	5.5	6.7	11.0	13.1	0.9	53.7	0.9
skilled workers using specific tools	1,472.5	109.2	196.7	237.2	215.8	362.6	315.0	36.0	1,435.3	37.2
plant and machine operators, and assemblers	1,225.1	62.8	129.8	171.1	173.2	344.2	310.6	33.4	1,188.4	36.7
elementary occupations	1,038.4	58.5	111.7	127.5	113.9	252.6	295.8	78.4	954.3	84.1

Table 2.6. continued

	Employed aged 15-70	by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Rural areas	5,134.2	527.5	682.0	586.0	655.1	1,341.6	1,101.3	240.7	4,872.5	261.7
including by occupational group										
legislators, senior officials and managers	183.2	5.4	15.8	17.3	27.3	58.6	53.2	5.6	176.9	6.3
professionals	449.5	38.4	81.2	58.5	54.2	116.5	85.7	15.0	431.8	17.7
experts	431.3	46.2	70.5	56.5	54.6	113.9	80.2	9.4	420.1	11.2
clerical support workers	112.0	12.5	11.3	10.4	13.3	38.2	24.6	1.7	109.1	2.9
services and sales workers	699.0	78.2	100.8	90.2	101.9	183.3	135.9	8.7	688.7	10.3
skilled agriculture, forestry, fishery and fish farming workers	101.2	9.1	8.0	8.6	16.0	34.1	24.4	1.0	100.2	1.0
skilled workers using specific tools	544.5	71.9	89.5	78.8	73.0	138.4	89.4	3.5	541.0	3.5
plant and machine operators, and assemblers	624.1	51.5	76.6	65.8	84.5	184.3	147.7	13.7	610.2	13.9
elementary occupations	1,989.4	214.3	228.3	199.9	230.3	474.3	460.2	182.1	1,794.5	194.9

2.7. Employed population, by occupational group and specialty according to certificate (diploma)
(by section of Classification of Occupations (CO))

(thsd. prs.)

	Employed population aged 15-70										
	Total	by specialty according to certificate (diploma)									
		Legislators, senior officials and managers	Professionals	Experts	Clerical support workers	Services and sales workers	Skilled agriculture, forestry, fishery and fish farming workers	Skilled workers using specific tools	Plant and machine operators, and assemblers	Elementary occupations	Did not have a profession
Total	16,443.2	86.2	5,295.6	3,289.3	149.2	767.7	20.8	1,914.9	1,428.3	-	3,491.2
including by occupational group											
legislators, senior officials and managers	1,299.0	41.1	883.8	221.5	6.4	11.5	0.5	40.1	22.9	-	71.2
professionals	2,903.7	5.7	2,783.2	91.6	1.2	3.4	-	4.1	4.4	-	10.1
experts	1,978.3	12.8	503.4	1,311.6	9.1	13.5	0.4	37.0	14.5	-	76.0
clerical support workers	521.2	4.5	174.7	136.3	42.5	23.3	0.3	17.3	17.3	-	105.0
services and sales workers	2,691.2	10.7	429.2	558.4	38.3	517.7	2.9	227.0	133.6	-	773.4
skilled agriculture, forestry, fishery and fish farming workers	155.8	1.0	11.6	21.0	2.4	5.3	5.1	15.0	11.3	-	83.1
skilled workers using specific tools	2,017.0	2.3	164.7	283.7	4.3	33.9	0.7	1,027.4	118.3	-	381.7
plant and machine operators, and assemblers	1,849.2	5.1	147.0	280.4	10.4	19.4	2.3	188.1	759.6	-	436.9
elementary occupations	3,027.8	3.0	198.0	384.8	34.6	139.7	8.6	358.9	346.4	-	1,553.8

2.8. Employed population, by occupational group and sex
(by subsection of Classification of Occupations (CO))

	(thsd. prs.)		
	Total population	Women	Men
Total	16,443.2	7,872.4	8,570.8
including by occupational group			
legislators, senior government officials, senior officials of the public and local self-governmental organizations	4.6	1.7	2.9
managers of enterprises, institutions and organizations	737.1	301.8	435.3
managers of small enterprises without administrative staff	295.8	99.0	196.8
managers of enterprises, institutions, organizations and units	261.5	111.5	150.0
physical, mathematical and engineering science professionals	648.4	143.9	504.5
life science and health professional	326.8	180.6	146.2
teaching professionals	779.8	617.4	162.4
other professionals	1,148.7	828.3	320.4
technical experts in the field of applied science and technology	489.8	112.4	377.4
specialists in biology, agronomy and medicine	587.2	529.7	57.5
experts in the field of education	165.4	145.2	20.2
other experts	723.3	482.1	241.2
experts in food and processing industry	12.6	9.5	3.1
officials associated with the information	253.1	211.1	42.0
customer service officials	268.1	223.9	44.2
personal and protective services workers	1,265.4	727.6	537.8
salespersons and demonstrators	1,424.5	1,089.2	335.3
workers who provide other services to businesses and individuals	1.3	0.9	0.4
skilled agricultural and fishery workers	155.8	59.2	96.6
workers of mining and construction	785.0	50.3	734.7
metallurgical and mechanical engineering workers occupations	869.1	40.0	829.1
workers in the field of fine mechanics, hand crafts and printing	46.9	20.0	26.9
other skilled workers with a tool	316.0	165.2	150.8
workers serving industrial equipment	270.3	91.5	178.8
workers serving machines and assemblers of machines	325.8	164.2	161.6
drivers and workers servicing of movable machinery and settings	1,253.1	43.5	1,209.6
elementary occupations in trade and services	568.4	429.9	138.5
elementary occupations in agricultural and related industries	1,723.8	844.1	879.7
elementary occupations in mining, construction, manufacturing and transport	664.8	110.7	554.1
simple professions that are common to all sectors of the economy	70.8	38.0	32.8

2.9. Employed population, by reason of absence of temporary absence from work, sex and place of residence

	Total	Women	Men	Urban settlements	Rural areas
Number of employed, who were temporarily absent at work, total, thsd. prs.	483.4	367.9	115.5	345.2	138.2
in percentage to the total	2.9	4.7	1.3	3.1	2.7
including by reason, in percentage to the total					
yearly leave	33.0	27.6	50.0	32.4	34.6
maternity leave, leave to care for a child until he/she reaches definite age according to the current legislation	49.8	65.2	1.2	53.7	40.2
leave without salary preservation (for the period of stoppage of work being done)	1.7	0.6	5.0	1.6	2.0
temporary absence due to illness or trauma, care for the sick person тимчасова	3.3	2.6	5.6	3.6	2.6
seasonal work	6.0	1.4	20.8	3.2	13.0
day off according to the working schedule	2.5	1.0	7.0	2.0	3.6
suspension of production or activities due to disruptions in the supply of raw materials, equipment, materials, lack of orders or customers, failure of appliances	1.8	1.0	4.5	1.8	1.8
other reasons	1.9	0.6	5.9	1.7	2.2

2.10. Employed population, by usual and actual duration of working week, sex and place of residence

	Total ¹ , thsd. prs.	by actual duration of working 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	15,959.8	3.0	5.1	13.9	64.8	13.2	39
including by usual duration of working week							
up to 20 hours	404.1	99.4	0.4	0.2	–	–	15
20-29 hours	717.7	4.3	95.3	0.4	0.0	0.0	22
30-39 hours	1,271.8	0.6	3.5	95.5	0.1	0.3	33
40 hours	11,444.2	0.3	0.7	8.5	89.9	0.6	39
over 40 hours	2,122.0	0.1	0.5	1.3	2.1	96.0	49
Women	7,504.5	4.2	6.5	15.6	63.7	10.0	38
including by usual duration of working week							
up to 20 hours	273.7	99.3	0.4	0.3	–	–	15
20-29 hours	451.3	4.5	95.2	0.3	0.0	–	22
30-39 hours	706.0	0.5	4.0	95.2	0.1	0.2	33
40 hours	5,326.1	0.3	0.5	9.2	89.5	0.5	39
over 40 hours	747.4	0.2	0.4	1.2	2.0	96.2	49
Men	8,455.3	1.9	3.9	12.4	65.7	16.1	40
including by usual duration of working week							
up to 20 hours	130.4	99.6	0.3	0.1	–	–	15
20-29 hours	266.4	3.8	95.6	0.5	0.1	0.0	22
30-39 hours	565.8	0.7	2.9	95.9	0.1	0.4	33
40 hours	6,118.1	0.3	0.8	7.9	90.3	0.7	39
over 40 hours	1,374.6	0.1	0.5	1.4	2.2	95.8	49

¹ The number of employed population is presented excluding persons who were temporarily absent at work.

Table 2.10. continued

	Total ¹ , thsd. prs.	by actual duration of working 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	10,963.8	2.0	3.3	13.1	68.2	13.4	39
including by usual duration of working week							
up to 20 hours	179.2	99.3	0.5	0.2	–	–	15
20-29 hours	277.3	6.0	93.7	0.3	–	0.0	22
30-39 hours	654.7	0.4	5.0	94.2	0.1	0.3	33
40 hours	8,378.9	0.2	0.7	9.7	88.8	0.6	39
over 40 hours	1,473.7	0.1	0.5	1.4	2.5	95.5	49
Rural areas	4,996.0	5.1	9.1	15.4	57.4	13.0	37
including by usual duration of working week							
up to 20 hours	224.9	99.5	0.3	0.2	–	–	15
20-29 hours	440.4	3.1	96.4	0.4	0.1	–	22
30-39 hours	617.1	0.7	2.0	96.8	0.2	0.3	32
40 hours	3,065.3	0.3	0.5	5.4	93.2	0.6	39
over 40 hours	648.3	0.3	0.5	1.0	1.3	96.9	49

2.11. Employed population, by status in employment, sex, place of residence and actual duration of working week

	Total ¹ , thsd. prs.	by actual duration of working 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	15,959.8	3.0	5.1	13.9	64.8	13.2	39
including by status in employment							
employees	13,356.4	2.1	3.1	12.3	70.5	12.0	39
employers	200.1	1.1	1.4	8.5	65.9	23.1	41
own-account workers ²	2,362.8	8.0	16.2	23.5	33.1	19.2	35
contributing family workers	40.5	9.6	29.6	19.3	28.4	13.1	32
Women	7,504.5	4.2	6.5	15.6	63.7	10.0	38
including by status in employment							
employees	6,418.8	3.1	4.3	14.0	69.4	9.2	38
employers	55.6	1.5	1.8	7.9	66.9	21.9	40
own-account workers ²	1,008.9	10.9	20.6	26.4	28.0	14.1	33
contributing family workers	21.2	9.4	34.9	24.1	21.7	9.9	30
Men	8,455.3	1.9	3.9	12.4	65.7	16.1	40
including by status in employment							
employees	6,937.6	1.1	2.1	10.7	71.5	14.6	40
employers	144.5	1.0	1.2	8.7	65.5	23.6	42
own-account workers ²	1,353.9	5.7	12.9	21.5	36.8	23.1	37
contributing family workers	19.3	9.8	23.8	14.0	35.8	16.6	34

¹ See footnote to Table 2.10.² Including persons who worked in collaboration with partners.

Table 2.11. continued

	Total ¹ , thsd. prs.	by actual duration of working 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	10,963.8	2.0	3.3	13.1	68.2	13.4	39
including by status in employment							
employees	9,974.4	1.6	2.7	13.0	70.4	12.3	39
employers	154.6	1.4	1.5	8.8	65.8	22.5	41
own-account workers ²	823.8	6.8	10.7	16.5	41.6	24.4	38
contributing family workers	11.0	2.7	31.8	6.4	40.9	18.2	36
Rural areas	4,996.0	5.1	9.1	15.4	57.4	13.0	37
including by status in employment							
employees	3,382.0	3.5	4.5	10.1	70.7	11.2	39
employers	45.5	–	1.1	7.5	66.1	25.3	42
own-account workers ²	1,539.0	8.6	19.2	27.3	28.5	16.4	34
contributing family workers	29.5	12.2	28.8	24.1	23.7	11.2	31

¹ See footnote to Table 2.10.² Including persons who worked in collaboration with partners.

2.12. Average actual duration of working week of employment population, by sex, place of residence and type of economic activity (hours)

	Average actual duration of working week				
	Total	Women	Men	Urban settlements	Rural areas
Total¹	39	38	40	39	37
Agriculture, forestry and fishing	36	33	37	36	35
Industry	39	39	40	39	39
Construction	41	39	42	41	42
Wholesale and retail trade; repair of motor vehicles and motorcycles	41	41	41	41	40
Transportation and storage	41	39	42	41	40
Accommodation and food service activities	41	41	41	41	41
Information and communication	39	38	39	39	40
Financial and insurance activities	39	39	39	39	39
Real estate activities	38	38	39	39	36
Professional, scientific and technical activities	38	38	38	38	38
Administrative and support service activities	40	38	41	40	41
Public administration and defence, compulsory social security	39	38	40	40	39
Education	34	33	34	34	32
Human health and social work activities	38	38	38	38	38
Arts, entertainment and recreation	37	37	38	38	36
Other types of economic activity	38	38	38	38	38

¹ See footnote to Table 2.10.

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

	Total ¹ , thsd. prs.	by actual duration of working 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	15,959.8	3.0	5.1	13.9	64.8	13.2	39
including by occupational group							
legislators, senior officials and managers	1,263.2	0.7	1.6	13.1	73.6	11.0	40
professionals	2,736.6	6.9	5.6	17.4	66.9	3.2	36
experts	1,902.7	1.6	3.5	16.1	71.0	7.8	39
clerical support workers	498.0	1.1	3.3	11.4	73.5	10.7	39
services and sales workers	2,632.2	0.7	2.9	9.4	65.9	21.1	41
skilled agriculture, forestry, fishery and fish farming workers	148.9	1.0	3.3	7.5	65.5	22.7	41
skilled workers using specific tools	1,977.9	0.9	2.8	11.9	66.9	17.5	40
plant and machine operators, and assemblers	1,809.8	0.5	1.8	8.5	71.1	18.1	41
elementary occupations	2,990.5	6.5	13.0	19.0	47.4	14.1	36

¹ See footnote to Table 2.10.

Table 2.13. continued

	Total ¹ , thsd. prs.	by actual duration of working week, percent					Average actual duration of working week, hours
		up to 20 hours	20-29 hours	30-39 hours	40 hours	over 40 hours	
Women	7,504.5	4.2	6.5	15.6	63.7	10.0	38
including by occupational group							
legislators, senior officials and managers	487.3	0.8	2.8	14.4	74.5	7.5	39
professionals	1,624.4	8.8	6.8	18.5	64.0	1.9	35
experts	1,213.5	1.7	4.1	18.6	70.4	5.2	38
clerical support workers	413.0	1.2	3.5	11.9	73.6	9.8	39
services and sales workers	1,764.5	0.8	3.2	9.9	66.3	19.8	40
skilled agriculture, forestry, fishery and fish farming workers	57.7	0.9	2.8	7.6	72.4	16.3	40
skilled workers using specific tools	262.0	1.7	4.5	10.0	72.1	11.7	39
plant and machine operators, and assemblers	283.1	1.1	2.7	10.8	71.2	14.2	40
elementary occupations	1,399.0	8.4	16.0	20.9	44.3	10.4	34

¹ See footnote to Table 2.10.

Table 2.13. continued

	Total ¹ , thsd. prs.	by actual duration of working week, percent					Average actual duration of working week, hours
		up to 20 hours	20-29 hours	30-39 hours	40 hours	over 40 hours	
Men	8,455.3	1.9	3.9	12.4	65.7	16.1	40
including by occupational group							
legislators, senior officials and managers	775.9	0.7	0.9	12.2	73.0	13.2	40
professionals	1,112.2	4.1	4.0	15.8	71.1	5.0	38
experts	689.2	1.4	2.4	11.8	72.2	12.2	39
clerical support workers	85.0	0.2	2.1	8.9	73.5	15.3	41
services and sales workers	867.7	0.5	2.2	8.3	65.1	23.9	41
skilled agriculture, forestry, fishery and fish farming workers	91.2	1.1	3.6	7.3	61.2	26.8	42
skilled workers using specific tools	1,715.9	0.8	2.6	12.1	66.2	18.3	40
plant and machine operators, and assemblers	1,526.7	0.4	1.6	8.0	71.1	18.9	41
elementary occupations	1,591.5	4.7	10.4	17.3	50.2	17.4	37

¹ See footnote to Table 2.10.

Table 2.13. continued

	Total ¹ , thsd. prs.	by actual duration of working 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	10,963.8	2.0	3.3	13.1	68.2	13.4	39
including by occupational group							
legislators, senior officials and managers	1,087.4	0.6	1.3	13.5	73.4	11.2	40
professionals	2,330.0	4.7	4.6	17.9	69.4	3.4	37
experts	1,489.5	1.4	3.0	16.5	70.9	8.2	39
clerical support workers	389.0	0.6	1.9	11.1	74.0	12.4	40
services and sales workers	1,951.9	0.5	2.5	9.2	64.8	23.0	41
skilled agriculture, forestry, fishery and fish farming workers	50.3	0.4	2.8	2.8	65.2	28.8	43
skilled workers using specific tools	1,445.9	0.9	2.7	13.1	66.4	16.9	40
plant and machine operators, and assemblers	1,195.3	0.5	1.7	9.0	68.4	20.4	41
elementary occupations	1,024.5	4.9	7.6	11.5	62.4	13.6	38

¹ See footnote to Table 2.10.

Table 2.13. continued

	Total ¹ , thsd. prs.	by actual duration of working week, percent					Average actual duration of working week, hours
		up to 20 hours	20-29 hours	30-39 hours	40 hours	over 40 hours	
Rural areas	4,996.0	5.1	9.1	15.4	57.4	13.0	37
including by occupational group							
legislators, senior officials and managers	175.8	1.3	3.5	10.5	74.7	10.0	39
professionals	406.6	19.6	11.9	14.0	52.6	1.9	32
experts	413.2	2.3	5.2	15.0	71.4	6.1	38
clerical support workers	109.0	2.8	8.1	12.4	71.7	5.0	37
services and sales workers	680.3	1.2	4.1	9.9	69.1	15.7	40
skilled agriculture, forestry, fishery and fish farming workers	98.6	1.3	3.5	9.8	65.7	19.7	40
skilled workers using specific tools	532.0	0.8	3.1	8.8	68.5	18.8	40
plant and machine operators, and assemblers	614.5	0.5	2.1	7.2	76.5	13.7	40
elementary occupations	1,966.0	7.2	15.9	22.9	39.6	14.4	35

¹ See footnote to Table 2.10.

2.14. Employed population, by status in employment, sex, place of residence and sector of economy and type of job

(thsd. prs.)

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Total	16,443.2	12,139.9	4,303.3	14,215.0	12,139.9	2,075.1	2,228.2
employees	13,823.4	11,438.2	2,385.2	13,501.6	11,438.2	2,063.4	321.8
self-employed	2,619.8	701.7	1,918.1	713.4	701.7	11.7	1,906.4
Women	7,872.4	6,100.2	1,772.2	6,949.2	6,100.2	849.0	923.2
employees	6,781.9	5,846.9	935.0	6,690.7	5,846.9	843.8	91.2
self-employed	1,090.5	253.3	837.2	258.5	253.3	5.2	832.0
Men	8,570.8	6,039.7	2,531.1	7,265.8	6,039.7	1,226.1	1,305.0
employees	7,041.5	5,591.3	1,450.2	6,810.9	5,591.3	1,219.6	230.6
self-employed	1,529.3	448.4	1,080.9	454.9	448.4	6.5	1,074.4
Urban settlements	11,309.0	9,190.7	2,118.3	10,738.1	9,190.7	1,547.4	570.9
employees	10,311.3	8,613.5	1,697.8	10,152.2	8,613.5	1,538.7	159.1
self-employed	997.7	577.2	420.5	585.9	577.2	8.7	411.8
Rural areas	5,134.2	2,949.2	2,185.0	3,476.9	2,949.2	527.7	1,657.3
employees	3,512.1	2,824.7	687.4	3,349.4	2,824.7	524.7	162.7
self-employed	1,622.1	124.5	1,497.6	127.5	124.5	3.0	1,494.6

2.15. Employed population, by age group, sex, place of residence and sector of economy and type of job

(thsd. prs.)

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Total	16,443.2	12,139.9	4,303.3	14,215.0	12,139.9	2,075.1	2,228.2
including by age group							
15-24 years	1,254.5	801.0	453.5	1,024.7	801.0	223.7	229.8
25-29 years	2,277.7	1,667.0	610.7	2,023.6	1,667.0	356.6	254.1
30-34 years	2,355.7	1,766.6	589.1	2,105.6	1,766.6	339.0	250.1
35-39 years	2,262.0	1,683.7	578.3	1,996.6	1,683.7	312.9	265.4
40-49 years	4,186.1	3,183.0	1,003.1	3,665.8	3,183.0	482.8	520.3
50-59 years	3,467.0	2,636.3	830.7	2,962.9	2,636.3	326.6	504.1
60-70 years	640.2	402.3	237.9	435.8	402.3	33.5	204.4
Women	7,872.4	6,100.2	1,772.2	6,949.2	6,100.2	849.0	923.2
including by age group							
15-24 years	537.8	373.6	164.2	455.2	373.6	81.6	82.6
25-29 years	981.0	765.6	215.4	894.7	765.6	129.1	86.3
30-34 years	1,050.5	835.3	215.2	960.4	835.3	125.1	90.1
35-39 years	1,085.2	850.4	234.8	985.2	850.4	134.8	100.0
40-49 years	2,150.0	1,719.0	431.0	1,932.9	1,719.0	213.9	217.1
50-59 years	1,745.5	1,360.5	385.0	1,509.5	1,360.5	149.0	236.0
60-70 years	322.4	195.8	126.6	211.3	195.8	15.5	111.1
Men	8,570.8	6,039.7	2,531.1	7,265.8	6,039.7	1,226.1	1,305.0
including by age group							
15-24 years	716.7	427.4	289.3	569.5	427.4	142.1	147.2
25-29 years	1,296.7	901.4	395.3	1,128.9	901.4	227.5	167.8
30-34 years	1,305.2	931.3	373.9	1,145.2	931.3	213.9	160.0
35-39 years	1,176.8	833.3	343.5	1,011.4	833.3	178.1	165.4
40-49 years	2,036.1	1,464.0	572.1	1,732.9	1,464.0	268.9	303.2
50-59 years	1,721.5	1,275.8	445.7	1,453.4	1,275.8	177.6	268.1
60-70 years	317.8	206.5	111.3	224.5	206.5	18.0	93.3

Table 2.15. continued

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Urban settlements	11,309.0	9,190.7	2,118.3	10,738.1	9,190.7	1,547.4	570.9
including by age group							
15-24 years	727.0	533.9	193.1	681.8	533.9	147.9	45.2
25-29 years	1,595.7	1,271.7	324.0	1,530.0	1,271.7	258.3	65.7
30-34 years	1,769.7	1,418.3	351.4	1,685.4	1,418.3	267.1	84.3
35-39 years	1,606.9	1,288.9	318.0	1,529.3	1,288.9	240.4	77.6
40-49 years	2,844.5	2,345.4	499.1	2,706.1	2,345.4	360.7	138.4
50-59 years	2,365.7	1,992.5	373.2	2,238.0	1,992.5	245.5	127.7
60-70 years	399.5	340.0	59.5	367.5	340.0	27.5	32.0
Rural areas	5,134.2	2,949.2	2,185.0	3,476.9	2,949.2	527.7	1,657.3
including by age group							
15-24 years	527.5	267.1	260.4	342.9	267.1	75.8	184.6
25-29 years	682.0	395.3	286.7	493.6	395.3	98.3	188.4
30-34 years	586.0	348.3	237.7	420.2	348.3	71.9	165.8
35-39 years	655.1	394.8	260.3	467.3	394.8	72.5	187.8
40-49 years	1,341.6	837.6	504.0	959.7	837.6	122.1	381.9
50-59 years	1,101.3	643.8	457.5	724.9	643.8	81.1	376.4
60-70 years	240.7	62.3	178.4	68.3	62.3	6.0	172.4

2.16. Employed population, by level of education, sex, place of residence and sector of economy and type of job

(thsd. prs.)

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Total	16,443.2	12,139.9	4,303.3	14,215.0	12,139.9	2,075.1	2,228.2
including by level of education							
complete higher	5,272.3	4,746.9	525.4	5,095.8	4,746.9	348.9	176.5
basic higher	191.3	157.0	34.3	179.5	157.0	22.5	11.8
uncompleted higher	3,227.5	2,603.9	623.6	2,948.9	2,603.9	345.0	278.6
vocational	4,253.7	2,826.5	1,427.2	3,596.1	2,826.5	769.6	657.6
complete secondary	3,160.4	1,685.9	1,474.5	2,230.5	1,685.9	544.6	929.9
basic secondary	324.5	116.4	208.1	159.7	116.4	43.3	164.8
primary education or not educated	13.5	3.3	10.2	4.5	3.3	1.2	9.0
Women	7,872.4	6,100.2	1,772.2	6,949.2	6,100.2	849.0	923.2
including by level of education							
complete higher	2,805.1	2,583.3	221.8	2,729.4	2,583.3	146.1	75.7
basic higher	96.6	83.7	12.9	92.6	83.7	8.9	4.0
uncompleted higher	1,926.5	1,603.6	322.9	1,785.9	1,603.6	182.3	140.6
vocational	1,424.0	972.7	451.3	1,241.1	972.7	268.4	182.9
complete secondary	1,465.6	802.7	662.9	1,028.6	802.7	225.9	437.0
basic secondary	147.3	53.2	94.1	69.4	53.2	16.2	77.9
primary education or not educated	7.3	1.0	6.3	2.2	1.0	1.2	5.1

Table 2.16. continued

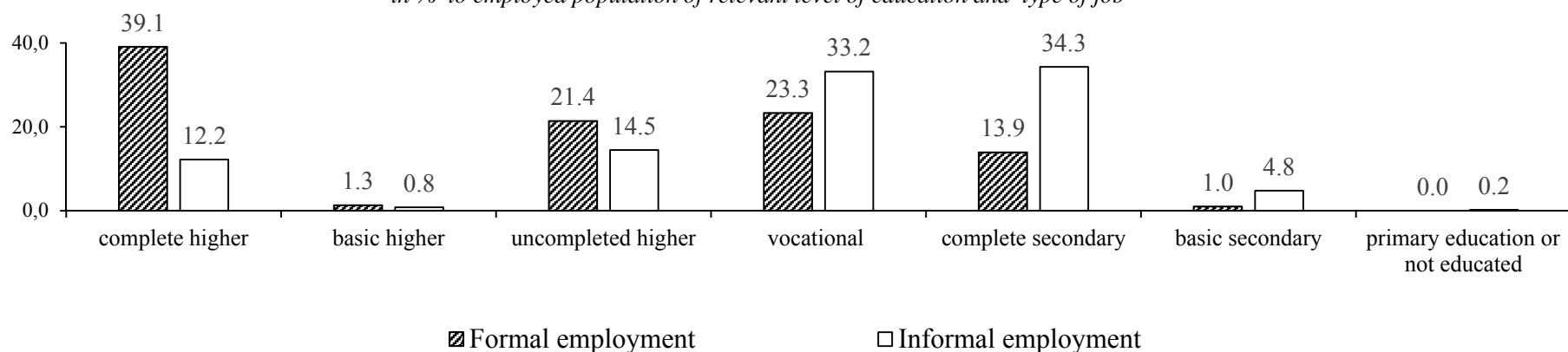
	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Men	8,570.8	6,039.7	2,531.1	7,265.8	6,039.7	1,226.1	1,305.0
including by level of education							
complete higher	2,467.2	2,163.6	303.6	2,366.4	2,163.6	202.8	100.8
basic higher	94.7	73.3	21.4	86.9	73.3	13.6	7.8
uncompleted higher	1,301.0	1,000.3	300.7	1,163.0	1,000.3	162.7	138.0
vocational	2,829.7	1,853.8	975.9	2,355.0	1,853.8	501.2	474.7
complete secondary	1,694.8	883.2	811.6	1,201.9	883.2	318.7	492.9
basic secondary	177.2	63.2	114.0	90.3	63.2	27.1	86.9
primary education or not educated	6.2	2.3	3.9	2.3	2.3	0.0	3.9
Urban settlements	11,309.0	9,190.7	2,118.3	10,738.1	9,190.7	1,547.4	570.9
including by level of education							
complete higher	4,514.0	4,106.2	407.8	4,417.4	4,106.2	311.2	96.6
basic higher	141.3	119.8	21.5	136.7	119.8	16.9	4.6
uncompleted higher	2,337.2	1,964.2	373.0	2,236.3	1,964.2	272.1	100.9
vocational	2,697.7	1,945.6	752.1	2,505.7	1,945.6	560.1	192.0
complete secondary	1,495.0	988.8	506.2	1,350.6	988.8	361.8	144.4
basic secondary	118.1	63.6	54.5	87.9	63.6	24.3	30.2
primary education or not educated	5.7	2.5	3.2	3.5	2.5	1.0	2.2

Table 2.16. continued

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Rural areas	5,134.2	2,949.2	2,185.0	3,476.9	2,949.2	527.7	1,657.3
including by level of education							
complete higher	758.3	640.7	117.6	678.4	640.7	37.7	79.9
basic higher	50.0	37.2	12.8	42.8	37.2	5.6	7.2
uncompleted higher	890.3	639.7	250.6	712.6	639.7	72.9	177.7
vocational	1,556.0	880.9	675.1	1,090.4	880.9	209.5	465.6
complete secondary	1,665.4	697.1	968.3	879.9	697.1	182.8	785.5
basic secondary	206.4	52.8	153.6	71.8	52.8	19.0	134.6
primary education or not educated	7.8	0.8	7.0	1.0	0.8	0.2	6.8

2.17. Employment structure, by type of job and level of education

in % to employed population of relevant level of education and type of job



2.18. Employed population, by sector of economy, type of job, sex, place of residence and type of economic activity

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprizes			informal sector enterprizes
				total	formal employment	informal employment	
Total, thsd. prs.	16,443.2	12,139.9	4,303.3	14,215.0	12,139.9	2,075.1	2,228.2
including by the types of economic activity, in percentage to the total							
agriculture, forestry and fishing	15.3	7.0	38.6	7.1	7.0	7.5	67.5
industry	17.9	21.9	6.8	20.4	21.9	11.7	2.2
construction	6.8	3.5	16.1	5.6	3.5	17.8	14.5
wholesale and retail trade; repair of motor vehicles and motorcycles	17.9	16.4	22.1	20.0	16.4	40.6	4.9
transportation and storage	6.5	7.3	4.1	7.3	7.3	7.0	1.5
accommodation and food service activities	2.1	1.8	2.8	2.3	1.8	5.7	0.0
other types of economic activity	33.5	42.1	9.5	37.3	42.1	9.7	9.4
Women, thsd. prs.	7,872.4	6,100.2	1,772.2	6,949.2	6,100.2	849.0	923.2
including by the types of economic activity, in percentage to the total							
agriculture, forestry and fishing	13.1	3.9	44.9	4.0	3.9	4.4	82.1
industry	12.7	14.8	5.7	14.2	14.8	10.0	1.8
construction	1.1	1.0	1.4	1.1	1.0	1.7	1.0
wholesale and retail trade; repair of motor vehicles and motorcycles	21.4	18.5	31.5	23.6	18.5	60.0	5.2
transportation and storage	3.5	4.3	0.6	3.9	4.3	1.2	0.0
accommodation and food service activities	2.9	2.4	4.8	3.3	2.4	9.9	0.1
other types of economic activity	45.3	55.1	11.1	49.9	55.1	12.8	9.8

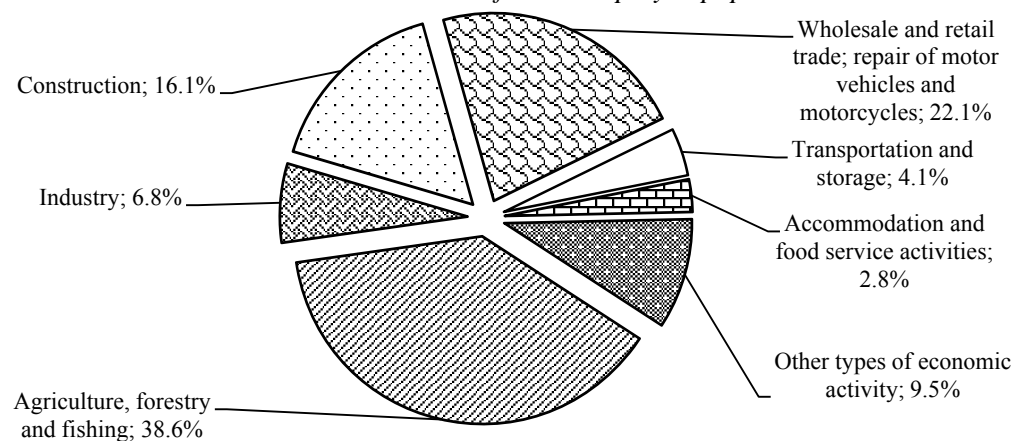
Table 2.18. continued

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprise
				total	formal employment	informal employment	
Men, thsd. prs.	8,570.8	6,039.7	2,531.1	7,265.8	6,039.7	1,226.1	1,305.0
including by the types of economic activity, in percentage to the total							
agriculture, forestry and fishing	17.2	10.1	34.2	10.0	10.1	9.7	57.2
industry	22.6	29.0	7.5	26.2	29.0	12.8	2.5
construction	12.0	6.0	26.4	9.8	6.0	28.9	24.1
wholesale and retail trade; repair of motor vehicles and motorcycles	14.7	14.3	15.5	16.5	14.3	27.1	4.6
transportation and storage	9.2	10.3	6.6	10.5	10.3	11.0	2.5
accommodation and food service activities	1.3	1.2	1.3	1.5	1.2	2.8	0.0
other types of economic activity	23.0	29.1	8.5	25.5	29.1	7.7	9.1
Urban settlements, thsd. prs.	11,309.0	9,190.7	2,118.3	10,738.1	9,190.7	1,547.4	570.9
including by the types of economic activity, in percentage to the total							
agriculture, forestry and fishing	3.5	2.2	9.1	2.4	2.2	3.6	24.3
industry	21.3	24.0	9.2	22.2	24.0	11.1	4.4
construction	7.0	3.8	20.6	5.7	3.8	16.6	31.5
wholesale and retail trade; repair of motor vehicles and motorcycles	21.6	18.3	35.6	22.0	18.3	43.8	13.2
transportation and storage	7.1	7.2	6.6	7.2	7.2	7.4	4.2
accommodation and food service activities	2.3	1.9	4.3	2.4	1.9	5.8	0.1
other types of economic activity	37.2	42.6	14.6	38.1	42.6	11.7	22.3

Table 2.18. continued

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Rural areas, thsd. prs.	5,134.2	2,949.2	2,185.0	3,476.9	2,949.2	527.7	1,657.3
including by the types of economic activity, in percentage to the total							
agriculture, forestry and fishing	41.2	22.0	67.1	21.5	22.0	19.0	82.4
industry	10.5	15.1	4.3	14.8	15.1	13.3	1.6
construction	6.4	2.5	11.7	5.3	2.5	21.2	8.7
wholesale and retail trade; repair of motor vehicles and motorcycles	9.9	10.5	9.0	13.7	10.5	31.3	1.9
transportation and storage	5.1	7.6	1.8	7.3	7.6	5.6	0.5
accommodation and food service activities	1.5	1.6	1.3	2.2	1.6	5.3	0.0
other types of economic activity	25.4	40.7	4.8	35.2	40.7	4.3	4.9

2.19. Informal employment of the population, by type of economic activity
in % the total informal employed population



2.20. Employed population, by occupational group, sex, place of residence and sector of economy and type of job
(by section of Classification of Occupations (CO))

(thsd. prs.)

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Total	16,443.2	12,139.9	4,303.3	14,215.0	12,139.9	2,075.1	2,228.2
including by occupational group							
legislators, senior officials and managers	1,299.0	1,223.5	75.5	1,293.0	1,223.5	69.5	6.0
professionals	2,903.7	2,802.3	101.4	2,880.7	2,802.3	78.4	23.0
experts	1,978.3	1,826.4	151.9	1,948.3	1,826.4	121.9	30.0
clerical support workers	521.2	479.6	41.6	519.9	479.6	40.3	1.3
services and sales workers	2,691.2	1,850.8	840.4	2,570.2	1,850.8	719.4	121.0
skilled agriculture, forestry, fishery and fish farming workers	155.8	99.5	56.3	125.8	99.5	26.3	30.0
skilled workers using specific tools	2,017.0	1,270.4	746.6	1,687.3	1,270.4	416.9	329.7
plant and machine operators, and assemblers	1,849.2	1,527.7	321.5	1,786.6	1,527.7	258.9	62.6
elementary occupations	3,027.8	1,059.7	1,968.1	1,403.2	1,059.7	343.5	1,624.6

Table 2.20. continued

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Women	7,872.4	6,100.2	1,772.2	6,949.2	6,100.2	849.0	923.2
including by occupational group							
legislators, senior officials and managers	514.0	489.3	24.7	511.8	489.3	22.5	2.2
professionals	1,770.2	1,730.8	39.4	1,760.3	1,730.8	29.5	9.9
experts	1,278.9	1,222.2	56.7	1,273.7	1,222.2	51.5	5.2
clerical support workers	435.0	403.3	31.7	434.1	403.3	30.8	0.9
services and sales workers	1,817.7	1,188.9	628.8	1,738.3	1,188.9	549.4	79.4
skilled agriculture, forestry, fishery and fish farming workers	59.2	46.5	12.7	52.5	46.5	6.0	6.7
skilled workers using specific tools	275.5	213.0	62.5	259.8	213.0	46.8	15.7
plant and machine operators, and assemblers	299.2	257.2	42.0	289.9	257.2	32.7	9.3
elementary occupations	1,422.7	549.0	873.7	628.8	549.0	79.8	793.9

Table 2.20. continued

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Men	8,570.8	6,039.7	2,531.1	7,265.8	6,039.7	1,226.1	1,305.0
including by occupational group							
legislators, senior officials and managers	785.0	734.2	50.8	781.2	734.2	47.0	3.8
professionals	1,133.5	1,071.5	62.0	1,120.4	1,071.5	48.9	13.1
experts	699.4	604.2	95.2	674.6	604.2	70.4	24.8
clerical support workers	86.2	76.3	9.9	85.8	76.3	9.5	0.4
services and sales workers	873.5	661.9	211.6	831.9	661.9	170.0	41.6
skilled agriculture, forestry, fishery and fish farming workers	96.6	53.0	43.6	73.3	53.0	20.3	23.3
skilled workers using specific tools	1,741.5	1,057.4	684.1	1,427.5	1,057.4	370.1	314.0
plant and machine operators, and assemblers	1,550.0	1,270.5	279.5	1,496.7	1,270.5	226.2	53.3
elementary occupations	1,605.1	510.7	1,094.4	774.4	510.7	263.7	830.7

Table 2.20. continued

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Urban settlements	11,309.0	9,190.7	2,118.3	10,738.1	9,190.7	1,547.4	570.9
including by occupational group							
legislators, senior officials and managers	1,115.8	1,045.1	70.7	1,111.0	1,045.1	65.9	4.8
professionals	2,454.2	2,361.3	92.9	2,433.5	2,361.3	72.2	20.7
experts	1,547.0	1,421.3	125.7	1,524.1	1,421.3	102.8	22.9
clerical support workers	409.2	374.6	34.6	408.1	374.6	33.5	1.1
services and sales workers	1,992.2	1,335.1	657.1	1,905.1	1,335.1	570.0	87.1
skilled agriculture, forestry, fishery and fish farming workers	54.6	27.1	27.5	42.9	27.1	15.8	11.7
skilled workers using specific tools	1,472.5	982.2	490.3	1,285.5	982.2	303.3	187.0
plant and machine operators, and assemblers	1,225.1	1,014.1	211.0	1,189.2	1,014.1	175.1	35.9
elementary occupations	1,038.4	629.9	408.5	838.7	629.9	208.8	199.7

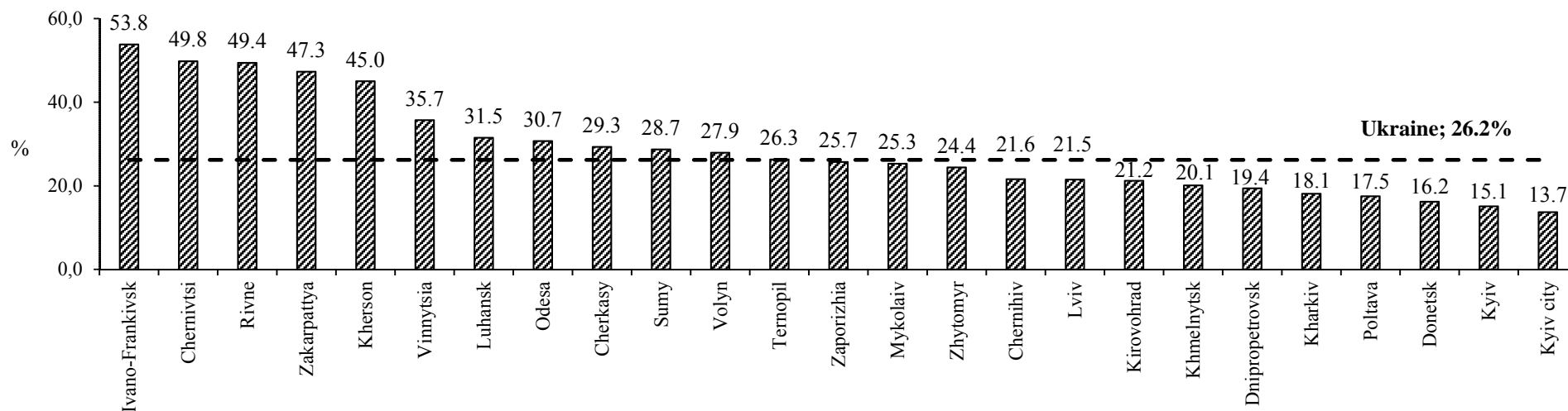
Table 2.20. continued

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Rural areas	5,134.2	2,949.2	2,185.0	3,476.9	2,949.2	527.7	1,657.3
including by occupational group							
legislators, senior officials and managers	183.2	178.4	4.8	182.0	178.4	3.6	1.2
professionals	449.5	441.0	8.5	447.2	441.0	6.2	2.3
experts	431.3	405.1	26.2	424.2	405.1	19.1	7.1
clerical support workers	112.0	105.0	7.0	111.8	105.0	6.8	0.2
services and sales workers	699.0	515.7	183.3	665.1	515.7	149.4	33.9
skilled agriculture, forestry, fishery and fish farming workers	101.2	72.4	28.8	82.9	72.4	10.5	18.3
skilled workers using specific tools	544.5	288.2	256.3	401.8	288.2	113.6	142.7
plant and machine operators, and assemblers	624.1	513.6	110.5	597.4	513.6	83.8	26.7
elementary occupations	1,989.4	429.8	1,559.6	564.5	429.8	134.7	1,424.9

2.21. Employment structure, by type of job and occupational group
in % to employed population of relevant occupational group by type of job



2.22. Informal employment of population, by region
in % to number of employed population in the relevant region



2.23. Employed population, by sector of economy, type of job and region

(thsd. prs.)

	Employed population			Including			
	total	formal employment	informal employment	formal sector enterprises			informal sector enterprises
				total	formal employment	informal employment	
Ukraine	16,443.2	12,139.9	4,303.3	14,215.0	12,139.9	2,075.1	2,228.2
Vinnitsia	674.9	433.9	241.0	491.2	433.9	57.3	183.7
Volyn	397.3	286.3	111.0	341.3	286.3	55.0	56.0
Dnipropetrovsk	1,479.6	1,192.4	287.2	1,408.2	1,192.4	215.8	71.4
Donetsk	756.3	633.8	122.5	717.3	633.8	83.5	39.0
Zhytomyr	506.6	382.9	123.7	433.8	382.9	50.9	72.8
Zakarpattia	519.3	273.9	245.4	298.6	273.9	24.7	220.7
Zaporizhia	745.1	553.7	191.4	660.3	553.7	106.6	84.8
Ivano-Frankivsk	558.3	258.0	300.3	411.3	258.0	153.3	147.0
Kyiv	739.9	628.1	111.8	710.6	628.1	82.5	29.3
Kirovohrad	386.8	304.7	82.1	343.8	304.7	39.1	43.0
Luhansk	306.3	209.8	96.5	229.4	209.8	19.6	76.9
Lviv	1,042.0	817.5	224.5	974.4	817.5	156.9	67.6
Mykolaiv	508.7	380.2	128.5	422.3	380.2	42.1	86.4
Odesa	1,016.2	704.0	312.2	904.9	704.0	200.9	111.3
Poltava	583.6	481.3	102.3	529.2	481.3	47.9	54.4
Rivne	487.7	246.9	240.8	290.1	246.9	43.2	197.6
Sumy	470.5	335.7	134.8	386.8	335.7	51.1	83.7
Ternopil	406.2	299.4	106.8	333.9	299.4	34.5	72.3
Kharkiv	1,230.8	1,007.6	223.2	1,184.9	1,007.6	177.3	45.9
Kherson	445.8	245.0	200.8	321.6	245.0	76.6	124.2
Khmelnysk	500.5	400.0	100.5	449.8	400.0	49.8	50.7
Cherkasy	523.5	369.9	153.6	442.5	369.9	72.6	81.0
Chernivtsi	367.2	184.4	182.8	222.2	184.4	37.8	145.0
Chernihiv	432.3	339.0	93.3	379.7	339.0	40.7	52.6
Kyiv city	1,357.8	1,171.5	186.3	1,326.9	1,171.5	155.4	30.9

UNEMPLOYED POPULATION, 2015

SECTION 3

3.1. Unemployed, by sex and place of residence

	Unemployed aged 15-70, in 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 to replaying
in percentage to the total					
Total					
I quarter	1,731.5	98.0	0.3	0.9	0.8
II quarter	1,603.2	97.4	0.6	0.9	1.1
III quarter	1,578.0	95.6	1.2	1.6	1.6
IV quarter	1,706.1	97.9	–	0.8	1.3
year	1,654.7	97.2	0.5	1.1	1.2
Women					
I quarter	697.2	97.5	0.7	0.7	1.1
II quarter	670.5	99.1	0.1	0.4	0.4
III quarter	702.0	96.6	0.5	1.4	1.5
IV quarter	699.1	99.1	–	0.4	0.5
year	692.2	98.1	0.4	0.7	0.8
Men					
I quarter	1,034.3	98.3	0.0	1.1	0.6
II quarter	932.7	96.1	0.9	1.2	1.8
III quarter	876.0	94.8	1.7	1.7	1.8
IV quarter	1,007.0	97.0	–	1.2	1.8
year	962.5	96.6	0.6	1.3	1.5
Urban settlements					
I quarter	1,128.1	98.0	0.4	0.6	1.0
II quarter	1,102.6	98.2	0.6	0.6	0.6
III quarter	1,106.1	95.8	1.5	1.5	1.2
IV quarter	1,148.8	97.7	–	0.7	1.6
year	1,121.4	97.4	0.6	0.8	1.2
Rural areas					
I quarter	603.4	98.1	0.1	1.4	0.4
II quarter	500.6	95.6	0.4	1.5	2.5
III quarter	471.9	95.3	0.4	1.9	2.4
IV quarter	557.3	98.1	–	1.2	0.7
year	533.3	96.9	0.2	1.5	1.4

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

	Total	Women	Men	Urban settlements	Rural areas
Unemployed aged 15-70, total, thsd. prsn.	1,654.7	692.2	962.5	1,121.4	533.3
including by reason of unemployment, in percentage to the total					
laid off for economic reasons	27.8	29.9	26.2	32.1	18.8
dismissed due to one's own will, upon a mutual agreement of the parties	28.9	28.3	29.2	33.0	20.1
dismissed due to end of employment contract or agreement	7.5	6.0	8.6	6.7	9.1
seasonal work	9.9	6.4	12.4	5.0	20.1
not employed after graduating from the general educational and tertiary educational institutions	16.4	17.3	15.8	14.3	21.1
perform home (family) duties etc.	3.7	6.4	1.8	3.2	4.7
state of health, registering for pension	0.9	1.1	0.8	1.0	0.7
demobilized after term military service	0.3	–	0.5	0.1	0.7
students and students with full-time study	0.1	0.1	0.1	0.1	–
other reasons	4.5	4.5	4.6	4.5	4.7

3.3. Unemployed, by main method of looking for a job, sex and place of residence

	Total	Women	Men	Urban settlements	Rural areas
Unemployed aged 15-70, total, thsd. prsn.	1,654.7	692.2	962.5	1,121.4	533.3
of which those who sought a job or tried to establish own business, thsd. prs.	1,617.4	681.5	935.9	1,099.4	518.0
including by main method of looking for a job, in percentage to the total					
via the press (announcements)	13.2	13.2	13.2	16.4	6.4
internet	12.7	13.7	12.0	16.3	5.1
personal relationships	37.0	30.7	41.6	35.0	41.1
appealed directly to the administration (employer)	8.5	6.5	9.9	7.6	10.4
appealed to the state employment service	27.5	35.3	21.8	23.7	35.5
appealed to a private recruitment company	0.5	0.2	0.8	0.3	1.1
other	0.6	0.4	0.7	0.7	0.4

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

	Total	Women	Men	Urban settlements	Rural areas
Unemployed aged 15-70, total, thsd. prsn.	1,654.7	692.2	962.5	1,121.4	533.3
of which persons with working experience, thsd. prs.	1,288.0	522.1	765.9	908.3	379.7
including by occupational group, in percentage to the total					
legislators, senior officials and managers	4.6	4.4	4.7	5.8	1.7
professionals	12.5	18.6	8.4	16.2	3.7
experts	9.3	12.7	7.0	9.7	8.3
clerical support workers	4.1	8.1	1.3	4.8	2.2
services and sales workers	17.3	28.2	9.8	18.5	14.3
skilled agriculture, forestry, fishery and fish farming workers	1.7	1.5	1.8	0.9	3.8
skilled workers using specific tools	18.4	7.0	26.2	20.3	13.8
plant and machine operators, and assemblers	13.2	4.7	19.0	10.2	20.5
elementary occupations	18.9	14.8	21.8	13.6	31.7

3.5. Unemployed, by type of economic activity, sex and place of residence

	Total	Women	Men	Urban settlements	Rural areas
Unemployed aged 15-70, total, thsd. prsn.	1,654.7	692.2	962.5	1,121.4	533.3
of which persons with working experience, thsd. prs.	1,288.0	522.1	765.9	908.3	379.7
including by type of economic activity, in percentage to the total					
Agriculture, forestry and fishing	14.4	10.7	16.9	4.5	38.1
Industry	21.0	16.9	23.9	24.0	14.0
Construction	11.8	2.6	18.0	11.2	13.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	20.3	25.9	16.4	24.7	9.5
Transportation and storage	5.7	2.5	7.8	6.8	3.0
Accommodation and food service activities	2.8	4.6	1.5	2.9	2.5
Information and communication	2.5	3.5	1.8	3.4	0.3
Financial and insurance activities	2.6	5.1	0.9	3.4	0.6
Real estate activities	1.1	1.0	1.1	1.4	0.3
Administrative and support service activities	1.6	0.6	2.2	2.1	0.3
Public administration and defence, compulsory social security	4.5	6.3	3.3	5.2	2.9
Education	5.5	9.5	2.7	4.2	8.4
Human health and social work activities	2.7	5.4	0.9	2.3	3.8
Other types of economic activity	3.5	5.4	2.6	3.9	3.2

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

	Unemployed aged 15-70, total, thsd. prs.	Of which those who sought a job or tried to establish own business		including by duration of job search						Average duration 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	1,654.7	1,617.4	97.7	10.5	23.3	23.9	11.0	7.3	24.0	7
Women	692.2	681.5	98.5	10.2	23.4	23.3	11.8	8.1	23.2	7
Men	962.5	935.9	97.2	10.6	23.3	24.4	10.3	6.8	24.6	7
Urban settlements	1,121.4	1,099.4	98.0	8.8	20.5	24.1	11.5	7.5	27.6	7
Rural areas	533.3	518.0	97.1	13.9	29.3	23.6	9.8	6.9	16.5	6

3.7. Average duration of job search by unemployed, by sex, place of residence and region

	(months)				
	Total	Women	Men	Urban settlements	Rural areas
Ukraine	7	7	7	7	6
Vinnytsia	8	8	9	9	7
Volyn	6	6	6	6	6
Dnipropetrovsk	9	9	10	10	7
Donetsk	7	7	7	7	7
Zhytomyr	6	5	7	7	4
Zakarpattia	3	4	3	3	3
Zaporizhia	7	7	7	7	5
Ivano-Frankivsk	5	5	5	5	5
Kyiv	7	7	7	8	5
Kirovohrad	6	6	5	6	5
Luhansk	8	9	8	9	7
Lviv	8	7	9	8	8
Mykolaiv	5	6	5	6	4
Odesa	6	5	6	6	4
Poltava	9	9	8	9	8
Rivne	4	4	4	5	3
Sumy	5	6	4	5	6
Ternopil	5	4	5	5	4
Kharkiv	6	6	6	6	7
Kherson	6	7	5	6	4
Khmelnysk	4	3	4	4	4
Cherkasy	7	6	7	8	6
Chernivtsi	4	4	4	5	3
Chernihiv	6	7	6	6	7
Kyiv city	11	11	11	11	—

ECONOMICALLY INACTIVE POPULATION, 2015

SECTION 4

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

	Economically inactive population, total, thsd. prs.	by reason											other
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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													
quarter I	11,037.3	53.8	22.3	18.3	1.2	1.0	0.9	0.3	0.7	0.4	0.2	0.1	0.8
quarter II	10,859.9	52.6	22.7	18.8	1.2	1.0	0.9	0.3	1.0	0.2	0.1	0.0	1.2
quarter III	10,711.9	53.3	22.2	19.0	1.1	1.0	0.9	0.3	0.7	0.1	0.2	0.1	1.1
quarter IV	11,092.9	53.2	21.9	19.6	1.3	1.0	0.9	0.2	0.6	0.2	0.1	0.0	1.0
year	10,925.5	53.3	22.3	18.9	1.2	1.0	0.9	0.3	0.7	0.2	0.1	0.1	1.0
Women													
quarter I	6,698.7	53.7	18.1	24.4	0.9	0.7	0.7	0.2	0.5	0.1	0.1	0.1	0.5
quarter II	6,669.1	52.6	18.2	25.2	0.8	0.7	0.8	0.2	0.8	0.0	0.1	0.0	0.6
quarter III	6,569.6	53.2	17.6	25.8	0.7	0.7	0.9	0.2	0.5	0.0	0.1	0.0	0.3
quarter IV	6,761.5	52.5	17.6	26.5	0.9	0.7	0.7	0.2	0.4	0.1	0.1	0.0	0.3
year	6,674.7	53.0	17.9	25.5	0.8	0.7	0.8	0.2	0.5	0.1	0.1	0.0	0.4
Men													
quarter I	4,338.6	54.1	28.8	8.8	1.8	1.3	1.1	0.5	1.0	0.8	0.2	0.1	1.5
quarter II	4,190.8	52.8	29.7	8.6	1.9	1.4	1.0	0.4	1.3	0.4	0.2	0.1	2.2
quarter III	4,142.3	53.6	29.5	8.3	1.7	1.5	0.9	0.4	1.1	0.1	0.4	0.1	2.4
quarter IV	4,331.4	54.3	28.6	8.8	1.8	1.4	1.1	0.3	1.0	0.5	0.1	0.1	2.0
year	4,250.8	53.7	29.2	8.6	1.8	1.4	1.0	0.4	1.1	0.5	0.2	0.1	2.0
Urban settlements													
quarter I	7,317.8	55.9	23.4	16.3	1.1	0.8	0.9	0.2	0.4	0.2	0.2	0.1	0.5
quarter II	7,275.8	54.5	23.9	17.0	1.1	0.7	0.8	0.1	0.6	0.1	0.1	0.1	1.0
quarter III	7,166.0	54.9	22.9	17.6	1.1	0.8	0.8	0.1	0.4	0.0	0.2	0.1	1.1
quarter IV	7,351.6	54.8	23.1	18.0	1.1	0.7	0.8	0.2	0.3	0.1	0.0	0.0	0.9
year	7,277.8	55.0	23.3	17.2	1.1	0.7	0.8	0.2	0.5	0.1	0.1	0.1	0.9
Rural areas													
quarter I	3,719.5	49.7	20.1	22.1	1.5	1.3	0.9	0.7	1.2	0.8	0.1	0.0	1.6
quarter II	3,584.1	48.9	20.1	22.4	1.4	1.5	1.0	0.6	1.8	0.5	0.1	0.0	1.7
quarter III	3,545.9	50.1	20.8	22.0	1.1	1.5	1.1	0.7	1.2	0.2	0.1	0.0	1.2
quarter IV	3,741.3	50.1	19.5	22.8	1.7	1.4	0.9	0.4	1.2	0.5	0.1	0.0	1.4
year	3,647.7	49.7	20.2	22.3	1.4	1.4	1.0	0.6	1.4	0.5	0.1	0.0	1.4

4.2. Population, by age group, sex, place of residence and reason of economic inactivity

	Economically inactive population, total, thsd. prs.	by reason											
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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	other
		in percentage to the total											
Total including by age group (years)	10,925.5	53.3	22.3	18.9	1.2	1.0	0.9	0.3	0.7	0.2	0.1	0.1	1.0
15-24	2,836.4	1.8	85.0	9.9	0.4	0.6	0.5	0.4	0.7	0.1	0.1	–	0.5
25-29	609.8	10.3	3.3	72.8	2.3	2.0	3.0	0.7	2.3	0.5	0.3	–	2.5
30-34	560.5	12.6	0.4	73.8	2.5	2.6	1.9	0.5	1.8	0.4	0.6	–	2.9
35-39	422.5	20.0	–	63.4	3.3	3.3	2.6	0.6	2.0	1.0	0.4	0.1	3.3
40-49	796.4	35.1	–	46.2	4.3	3.2	3.1	0.7	2.0	1.0	0.5	0.1	3.8
50-59	1,918.1	77.6	–	15.4	2.3	1.2	0.9	0.2	0.7	0.2	0.1	0.2	1.2
60-70	3,781.8	100.0	–	–	–	–	–	–	–	–	–	–	–
working age	6,920.6	26.2	35.1	29.8	1.9	1.5	1.4	0.5	1.2	0.4	0.2	0.1	1.7
over working age	4,004.9	100.0	–	–	–	–	–	–	–	–	–	–	–

Table 4.2. continued

	Economically inactive population, total, thsd. prs.	by reason											
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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	other
		in percentage to the total											
Women including by age group (years)	6,674.7	53.0	17.9	25.5	0.8	0.7	0.8	0.2	0.5	0.1	0.1	0.0	0.4
15-24	1,477.7	1.4	80.1	16.4	0.2	0.4	0.5	0.4	0.5	0.0	0.0	–	0.1
25-29	455.7	3.9	2.0	87.8	0.7	1.1	1.9	0.4	1.1	0.2	0.2	–	0.7
30-34	418.5	5.9	0.4	86.5	1.0	1.3	1.7	0.4	1.4	0.1	0.3	–	1.0
35-39	281.7	10.8	–	78.7	2.0	2.7	2.3	0.3	1.2	0.5	0.2	0.1	1.2
40-49	449.9	21.7	–	62.2	4.0	3.3	2.9	0.5	2.0	0.5	0.3	0.2	2.4
50-59	1,264.3	80.3	–	15.4	1.6	0.7	0.8	0.2	0.4	0.0	0.1	0.1	0.4
60-70	2,326.9	100.0	–	–	–	–	–	–	–	–	–	–	–
working age	4,124.7	23.9	29.0	41.3	1.3	1.1	1.3	0.3	0.9	0.1	0.1	0.0	0.7
over working age	2,550.0	100.0	–	–	–	–	–	–	–	–	–	–	–

Table 4.2. continued

	Economically inactive population, total, thsd. prs.	by reason											
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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	other
		in percentage to the total											
Men including by age group (years)	4,250.8	53.7	29.2	8.6	1.8	1.4	1.0	0.4	1.1	0.5	0.2	0.1	2.0
15-24	1,358.7	2.2	90.3	2.9	0.5	0.9	0.4	0.5	1.0	0.2	0.1	–	1.0
25-29	154.1	29.1	7.0	28.6	7.0	4.5	6.5	1.4	5.9	1.5	0.8	–	7.7
30-34	142.0	32.5	0.6	36.3	6.7	6.2	2.4	0.8	3.1	1.5	1.5	–	8.4
35-39	140.8	38.6	–	32.5	5.9	4.7	2.9	1.1	3.6	2.0	0.9	0.2	7.6
40-49	346.5	52.6	–	25.4	4.8	3.0	3.4	1.0	1.9	1.7	0.6	0.0	5.6
50-59	653.8	72.1	–	15.2	3.7	2.2	1.3	0.3	1.2	0.6	0.1	0.5	2.8
60-70	1,454.9	100.0	–	–	–	–	–	–	–	–	–	–	–
working age	2,795.9	29.7	44.4	13.2	2.7	2.1	1.5	0.6	1.7	0.7	0.3	0.1	3.0
over working age	1,454.9	100.0	–	–	–	–	–	–	–	–	–	–	–

Table 4.2. continued

	Economically inactive population, total, thsd. prs.	by reason											
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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	other
		in percentage to the total											
Urban settlements including by age group (years)	7,277.8	55.0	23.3	17.2	1.1	0.7	0.8	0.2	0.5	0.1	0.1	0.1	0.9
15-24	1,887.2	1.2	89.0	7.6	0.3	0.5	0.4	0.2	0.3	0.0	0.0	–	0.5
25-29	355.7	8.2	4.9	74.5	2.4	1.6	3.4	0.3	1.7	0.2	0.4	–	2.4
30-34	363.0	10.6	0.6	77.1	2.3	2.1	1.8	0.4	1.0	0.2	0.7	–	3.2
35-39	258.1	18.1	–	68.2	2.5	3.1	2.3	0.5	1.6	0.2	0.4	0.2	2.9
40-49	476.1	37.6	–	46.1	4.3	2.4	3.5	0.4	1.4	0.5	0.7	0.2	2.9
50-59	1,286.9	80.8	–	13.0	2.3	0.9	0.9	0.1	0.5	0.1	0.1	0.3	1.0
60-70	2,650.8	100.0	–	–	–	–	–	–	–	–	–	–	–
working age	4,467.3	26.8	38.0	28.0	1.8	1.2	1.4	0.2	0.7	0.1	0.2	0.1	1.5
over working age	2,810.5	100.0	–	–	–	–	–	–	–	–	–	–	–

Table 4.2. continued

	Economically inactive population, total, thsd. prs.	by reason											
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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	other
		in percentage to the total											
Rural areas including by age group (years)	3,647.7	49.7	20.2	22.3	1.4	1.4	1.0	0.6	1.4	0.5	0.1	0.0	1.4
15-24	949.2	3.0	77.2	14.1	0.6	0.9	0.6	0.9	1.6	0.3	0.2	–	0.6
25-29	254.1	13.1	1.0	70.7	2.1	2.5	2.6	1.2	3.0	1.0	0.2	–	2.6
30-34	197.5	16.5	0.1	67.6	2.7	3.4	2.2	0.6	3.2	0.9	0.5	–	2.3
35-39	164.4	23.0	–	55.7	4.6	3.6	2.9	0.7	2.7	2.1	0.4	0.1	4.2
40-49	320.3	31.4	–	46.2	4.3	4.4	2.5	1.2	2.9	1.8	0.2	0.0	5.1
50-59	631.2	71.2	–	20.1	2.3	1.7	1.0	0.5	1.1	0.3	0.1	0.1	1.6
60-70	1,131.0	100.0	–	–	–	–	–	–	–	–	–	–	–
working age	2,453.3	25.2	30.0	33.2	2.1	2.1	1.4	0.9	2.0	0.8	0.2	0.0	2.1
over working age	1,194.4	100.0	–	–	–	–	–	–	–	–	–	–	–

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

	Economically inactive population, total, thsd. prs.	by reason											
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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	other
		in percentage to the total											
Total including by level of education	10,925.5	53.3	22.3	18.9	1.2	1.0	0.9	0.3	0.7	0.2	0.1	0.1	1.0
complete higher	1,619.0	62.7	1.3	30.7	1.2	0.8	1.1	0.3	1.2	0.1	0.2	0.0	0.4
basic higher	161.5	7.2	74.3	16.0	0.1	0.5	0.2	0.1	0.6	0.1	0.4	–	0.5
uncompleted higher	1,627.9	70.0	5.2	20.3	1.0	0.9	0.7	0.2	0.8	0.1	0.2	0.1	0.5
vocational	1,968.0	65.3	1.7	23.6	1.7	2.1	1.4	0.5	1.3	0.4	0.2	0.1	1.7
complete secondary	3,911.6	46.3	31.4	16.9	1.2	0.8	0.8	0.3	0.6	0.3	0.1	0.0	1.3
basic secondary	1,426.6	32.5	59.1	5.9	0.9	0.2	0.3	0.1	0.1	0.1	–	0.0	0.8
primary education or not educated	210.9	44.4	50.9	3.0	1.5	0.0	0.2	–	–	–	–	–	–
Women including by level of education	6,674.7	53.0	17.9	25.5	0.8	0.7	0.8	0.2	0.5	0.1	0.1	0.0	0.4
complete higher	1,107.7	53.9	1.1	41.0	0.9	0.6	1.2	0.2	0.9	0.0	0.0	0.0	0.2
basic higher	91.6	6.2	65.1	26.6	0.1	0.1	0.3	0.1	0.5	0.1	0.8	–	0.1
uncompleted higher	1,174.3	68.6	3.6	24.3	0.7	0.8	0.8	0.2	0.6	0.1	0.2	0.0	0.1
vocational	1,056.0	60.9	1.3	32.4	1.0	1.3	1.3	0.4	0.7	0.1	0.0	0.1	0.5
complete secondary	2,362.1	48.6	25.3	22.5	0.9	0.7	0.6	0.2	0.4	0.1	0.1	0.0	0.6
basic secondary	776.0	37.5	53.5	7.6	0.4	0.1	0.1	0.1	0.2	0.1	–	0.0	0.4
primary education or not educated	107.0	42.1	51.4	5.2	0.9	0.1	0.3	–	–	–	–	–	–

Table 4.3. continued

	Economically inactive population, total, thsd. prs.	by reason											other
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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											
Men	4,250.8	53.7	29.2	8.6	1.8	1.4	1.0	0.4	1.1	0.5	0.2	0.1	2.0
including by level of education													
complete higher	511.3	81.8	1.5	8.5	1.7	1.3	0.9	0.5	2.1	0.2	0.7	–	0.8
basic higher	69.9	8.6	86.6	2.1	–	1.0	–	–	0.7	–	–	–	1.0
uncompleted higher	453.6	73.6	9.3	9.7	1.8	1.4	0.6	0.2	1.2	0.2	0.3	0.3	1.4
vocational	912.0	70.5	2.2	13.4	2.4	3.1	1.6	0.5	1.9	0.8	0.4	0.2	3.0
complete secondary	1,549.5	42.7	40.6	8.4	1.7	1.0	1.2	0.6	0.7	0.6	0.1	0.0	2.4
basic secondary	650.6	26.4	65.8	3.9	1.4	0.4	0.6	0.1	0.1	0.0	–	–	1.3
primary education or not educated	103.9	46.8	50.2	0.8	2.0	–	0.2	–	–	–	–	–	–
Urban settlements	7,277.8	55.0	23.3	17.2	1.1	0.7	0.8	0.2	0.5	0.1	0.1	0.1	0.9
including by level of education													
complete higher	1,404.5	63.1	1.3	30.7	1.3	0.7	1.1	0.3	0.9	0.0	0.2	0.0	0.4
basic higher	127.1	6.8	76.1	14.5	0.1	0.6	0.2	0.1	0.4	–	0.6	–	0.6
uncompleted higher	1,246.8	72.9	5.1	18.2	1.0	0.7	0.7	0.0	0.6	0.1	0.2	0.1	0.4
vocational	1,284.8	70.9	1.9	19.8	1.5	1.5	1.4	0.2	0.8	0.1	0.1	0.2	1.6
complete secondary	2,392.0	44.4	39.8	12.2	0.9	0.6	0.6	0.1	0.1	0.1	0.1	0.0	1.1
basic secondary	721.0	26.4	67.8	3.8	0.7	0.1	0.3	0.1	0.1	0.0	–	–	0.7
primary education or not educated	101.6	38.0	56.8	2.4	2.5	0.1	0.2	–	–	–	–	–	–
Rural areas	3,647.7	49.7	20.2	22.3	1.4	1.4	1.0	0.6	1.4	0.5	0.1	0.0	1.4
including by level of education													
complete higher	214.5	60.4	0.8	30.5	0.4	1.9	1.0	0.3	3.4	0.4	0.2	–	0.7
basic higher	34.4	8.4	67.7	21.5	–	–	0.3	–	1.5	0.3	–	–	0.3
uncompleted higher	381.1	60.6	5.7	27.2	1.0	1.6	0.8	0.7	1.4	0.1	0.2	0.0	0.7
vocational	683.2	54.9	1.3	30.5	2.0	3.3	1.4	1.0	2.2	1.0	0.4	0.1	1.9
complete secondary	1,519.6	49.2	18.1	24.2	1.7	1.2	1.1	0.7	1.3	0.6	0.1	0.0	1.8
basic secondary	705.6	38.8	50.1	8.0	1.0	0.4	0.4	0.1	0.2	0.1	–	0.0	0.9
primary education or not educated	109.3	50.2	45.3	3.7	0.5	–	0.3	–	–	–	–	–	–

4.4. Population, by reason of economic inactivity and region

	Economically inactive population, total, thsd. prs.	by reason											
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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	other
		in percentage to the total											
Ukraine	10,925.5	53.3	22.3	18.9	1.2	1.0	0.9	0.3	0.7	0.2	0.1	0.1	1.0
Vinnitsia	428.5	54.8	23.2	15.6	1.4	2.0	0.3	0.1	1.4	0.4	0.2	0.0	0.6
Volyn	308.1	46.9	22.0	24.9	0.4	1.1	0.0	1.4	1.9	0.6	–	–	0.8
Dnipropetrovsk	836.5	56.5	24.3	14.7	0.4	0.5	1.0	0.1	0.1	0.1	0.0	–	2.3
Donetsk	627.0	61.3	14.1	14.3	2.0	1.6	3.7	0.2	0.4	0.1	0.3	0.0	2.0
Zhytomyr	342.1	52.5	18.6	25.6	0.8	0.2	0.1	0.4	0.4	0.1	0.1	0.2	1.0
Zakarpattia	352.4	51.7	21.4	20.2	0.1	0.7	0.9	0.1	1.7	1.4	–	0.0	1.8
Zaporizhia	495.6	54.9	18.4	19.9	0.5	1.7	0.1	0.2	0.8	0.2	0.0	–	3.3
Ivano-Frankivsk	408.9	52.1	23.2	20.2	2.4	0.5	0.6	0.7	0.2	–	–	–	0.1
Kyiv	483.9	58.4	21.5	15.1	1.1	0.3	1.4	0.1	0.1	0.0	0.0	–	2.0
Kirovohrad	279.8	55.7	17.9	20.3	1.4	2.0	0.5	0.1	0.3	0.1	0.2	0.1	1.4
Luhansk	198.2	66.8	16.5	11.4	1.2	0.5	2.1	0.1	0.8	0.1	0.2	–	0.3
Lviv	741.6	51.6	23.9	19.0	0.8	2.4	0.4	0.7	0.8	0.2	0.2	–	–
Mykolaiv	313.5	53.5	22.5	22.1	0.9	0.1	0.4	–	0.1	0.0	–	–	0.4
Odesa	687.5	47.1	23.3	24.2	4.0	0.0	0.4	–	0.3	0.4	0.1	0.1	0.1
Poltava	411.7	56.0	19.5	16.9	2.9	1.4	0.9	0.2	0.9	0.2	0.0	0.1	1.0
Rivne	291.6	38.8	28.9	21.5	1.2	0.7	0.5	0.2	5.1	0.5	0.8	–	1.8
Sumy	323.4	57.0	19.2	10.8	2.1	3.6	1.7	1.6	1.9	0.2	0.4	0.0	1.5
Ternopil	326.4	46.9	18.5	26.5	0.7	2.4	0.0	0.2	2.8	1.2	0.7	–	0.1
Kharkiv	752.3	54.8	28.2	16.9	0.0	0.0	0.1	0.0	0.0	0.0	–	–	0.0
Kherson	298.4	56.3	18.5	18.2	0.9	0.8	3.4	0.4	0.0	0.5	0.2	0.1	0.7
Khmelnysk	394.3	51.4	16.6	27.1	1.7	0.6	0.3	0.7	1.0	0.1	0.2	0.2	0.1
Cherkasy	346.1	59.6	22.4	10.9	0.9	0.8	1.5	0.3	0.4	0.1	–	0.3	2.8
Chernivtsi	264.3	44.9	28.9	22.1	1.5	0.1	1.7	0.0	0.2	–	–	0.2	0.4
Chernihiv	285.1	57.3	15.2	24.2	0.6	0.7	–	0.2	0.4	–	–	0.0	1.4
Kyiv city	728.3	46.7	32.8	18.4	0.3	0.5	0.5	0.0	0.3	–	0.1	0.1	0.3

4.5. Population of working age, discouraged in the job searching, by reason of unemployment, sex and place of residence

	Total	Women	Men	Urban settlements	Rural areas
Population discouraged in the job searching, total, thsd. prs.	106.3	47.2	59.1	53.6	52.7
including by reason of unemployment, in percentage to the total					
laid off for economic reasons	29.4	28.4	30.3	32.8	26.0
dismissed at own will	40.4	47.4	34.9	33.8	47.2
not placed in a job after graduation from secondary school and higher educational institutions of I-IV levels of accreditation	15.5	13.4	17.1	15.7	15.2
dismissed due to the termination of the contract	5.7	4.2	6.9	6.5	4.9
other reasons	9.0	6.6	10.8	11.2	6.7

4.6. Population of working age, discouraged in the job searching, by duration of unemployment, sex and place of residence

	Population of working age discouraged in the job searching, total, thsd. prs	Of which persons with working experience		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	106.3	61.7	58.0	1.1	2.8	5.3	6.6	9.2	75.0	25
Women	47.2	25.8	54.7	–	0.8	1.9	3.5	7.3	86.5	28
Men	59.1	35.9	60.7	1.9	4.2	7.8	8.9	10.6	66.6	22
Urban settlements	53.6	34.1	63.6	1.2	2.3	5.9	6.2	9.7	74.7	25
Rural areas	52.7	27.6	52.4	1.1	3.3	4.7	7.2	8.7	75.0	24

**MAIN INDICATORS OF ECONOMIC ACTIVITY OF
POPULATION, 2010 – 2015**

SECTION 5

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

(thsd. prs.)

	Economically active population, aged 15-70, total	by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total										
2010	20,894.1	2,522.4	2,818.6	2,660.9	2,658.5	5,213.6	3,924.7	1,095.4	19,164.0	1,730.1
2012	20,851.2	2,285.7	2,971.9	2,695.2	2,671.5	5,074.2	4,067.3	1,085.4	19,317.8	1,533.4
2013	20,824.6	2,101.1	2,963.3	2,761.8	2,689.8	5,051.6	4,172.8	1,084.2	19,399.7	1,424.9
2014	19,920.9	1,952.1	2,882.6	2,819.9	2,658.7	4,923.5	3,963.3	720.8	19,035.2	885.7
2015	18,097.9	1,615.7	2,563.8	2,609.6	2,438.4	4,529.9	3,699.8	640.7	1,7396.0	701.9
Women										
2010	10,140.3	1,069.9	1,235.1	1,242.4	1,303.1	2,715.8	1,960.5	613.5	8,892.1	1,248.2
2012	9,980.0	958.4	1,276.3	1,221.0	1,290.6	2,611.9	2,026.5	595.3	8,936.7	1,043.3
2013	9,960.0	883.2	1,270.0	1,244.5	1,292.2	2,583.2	2,099.2	587.7	9,031.6	928.4
2014	9,428.3	803.5	1,221.3	1,238.4	1,271.2	2,528.8	1,980.1	385.0	8,878.4	549.9
2015	8,564.6	688.2	1,099.7	1,146.9	1,163.5	2,313.3	1,830.5	322.5	8,180.9	383.7
Men										
2010	10,753.8	1,452.5	1,583.5	1,418.5	1,355.4	2,497.8	1,964.2	481.9	10,271.9	481.9
2012	10,871.2	1,327.3	1,695.6	1,474.2	1,380.9	2,462.3	2,040.8	490.1	10,381.1	490.1
2013	10,864.6	1,217.9	1,693.3	1,517.3	1,397.6	2,468.4	2,073.6	496.5	10,368.1	496.5
2014	10,492.6	1,148.6	1,661.3	1,581.5	1,387.5	2,394.7	1,983.2	335.8	10,156.8	335.8
2015	9,533.3	927.5	1,464.1	1,462.7	1,274.9	2,216.6	1,869.3	318.2	9,215.1	318.2
Urban settlements										
2010	14,311.0	1,583.4	2,125.0	1,935.3	1,873.7	3,606.7	2,700.1	486.8	13,410.8	900.2
2012	14,369.3	1,428.6	2,211.5	1,978.0	1,906.3	3,501.2	2,812.4	531.3	13,551.4	817.9
2013	14,312.9	1,287.9	2,175.6	2,061.9	1,934.8	3,483.5	2,846.1	523.1	13,581.8	731.1
2014	14,070.3	1,250.5	2,110.5	2,155.4	1,931.7	3,437.1	2,773.5	411.6	13,552.7	517.6
2015	12,430.4	950.2	1,788.6	1,952.9	1,737.0	3,078.2	2,523.5	400.0	11,990.2	440.2
Rural areas										
2010	6,583.1	939.0	693.6	725.6	784.8	1,606.9	1,224.6	608.6	5,753.2	829.9
2012	6,481.9	857.1	760.4	717.2	765.2	1,573.0	1,254.9	554.1	5,766.4	715.5
2013	6,511.7	813.2	787.7	699.9	755.0	1,568.1	1,326.7	561.1	5,817.9	693.8
2014	5,850.6	701.6	772.1	664.5	727.0	1,486.4	1,189.8	309.2	5,482.5	368.1
2015	5,667.5	665.5	775.2	656.7	701.4	1,451.7	1,176.3	240.7	5,405.8	261.7

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

(in percentage to the population of relevant age group)

	Economically active population, aged 15-70, total	by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total										
2010	63.6	40.6	80.0	83.4	86.1	84.5	64.4	24.1	71.9	28.0
2012	64.5	40.6	81.6	83.5	85.6	85.3	65.4	24.0	72.9	26.4
2013	64.9	39.1	80.9	83.9	86.6	85.8	66.9	23.9	72.9	25.9
2014	62.4	38.4	80.5	82.6	84.8	84.6	63.2	15.5	71.4	16.7
2015	62.4	36.3	80.8	82.3	85.2	85.0	65.9	14.5	71.5	14.9
Women										
2010	58.4	35.2	71.1	77.7	82.8	83.6	57.8	22.2	68.6	28.4
2012	58.6	34.8	71.3	75.8	81.3	83.9	58.8	21.9	68.7	26.0
2013	59.0	33.8	70.6	76.0	82.0	84.0	60.8	21.5	68.4	25.2
2014	56.1	32.5	69.4	73.3	80.2	83.3	57.1	13.8	66.5	16.0
2015	56.2	31.8	70.7	73.3	80.5	83.7	59.1	12.2	66.5	13.1
Men										
2010	69.4	45.7	88.6	89.2	89.5	85.4	72.5	27.0	75.0	27.0
2012	71.1	46.0	91.6	91.1	90.0	86.9	73.7	27.4	76.9	27.4
2013	71.4	44.2	90.8	91.7	91.4	87.7	74.4	27.5	77.4	27.5
2014	69.3	44.0	91.3	91.7	89.5	86.0	70.7	18.1	76.4	18.1
2015	69.2	40.6	90.5	91.2	90.1	86.5	74.1	17.9	76.7	17.9
Urban settlements										
2010	62.0	36.9	80.7	84.4	86.7	84.3	62.0	15.9	71.3	21.1
2012	63.3	37.6	82.2	84.1	86.3	85.2	63.6	17.0	72.7	20.1
2013	63.4	35.7	81.6	85.0	87.5	85.7	64.3	16.5	72.7	18.8
2014	62.6	37.0	82.8	84.3	85.9	85.6	62.5	12.5	72.4	13.8
2015	63.1	33.5	83.4	84.3	87.1	86.6	66.2	13.1	72.9	13.5
Rural areas										
2010	67.5	48.7	77.8	80.9	84.6	84.9	70.4	41.1	73.4	43.3
2012	67.5	46.8	80.0	81.8	83.8	85.4	70.0	39.9	73.3	41.3
2013	68.4	46.1	79.0	80.9	84.3	85.9	73.2	41.3	73.6	42.9
2014	61.8	41.3	75.0	77.3	82.0	82.4	64.8	22.9	69.1	24.1
2015	60.8	41.2	75.3	76.9	81.0	81.9	65.1	17.5	68.8	18.0

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

(thsd. prs.)

	Employed aged 15-70	by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total										
2010	19,180.2	2,087.9	2,538.1	2,444.3	2,447.2	4,856.8	3,710.8	1,095.1	17,451.5	1,728.7
2012	19,261.4	1,885.0	2,681.2	2,505.2	2,497.8	4,757.3	3,850.1	1,084.8	17,728.6	1,532.8
2013	19,314.2	1,744.6	2,699.9	2,574.0	2,522.1	4,734.0	3,955.4	1,084.2	17,889.4	1,424.8
2014	18,073.3	1,500.3	2,562.7	2,558.1	2,442.2	4,564.3	3,725.4	720.3	17,188.1	885.2
2015	16,443.2	1,254.5	2,277.7	2,355.7	2,262.0	4,186.1	3,467.0	640.2	15,742.0	701.2
Women										
2010	9,442.0	889.8	1,136.8	1,154.0	1,213.1	2,552.0	1,882.8	613.5	8,194.9	1,247.1
2012	9,335.2	800.2	1,174.0	1,146.4	1,217.2	2,460.0	1,942.7	594.7	8,292.5	1,042.7
2013	9,329.5	740.4	1,172.6	1,167.9	1,213.8	2,444.6	2,002.5	587.7	8,401.2	928.3
2014	8,718.9	623.6	1,103.3	1,144.5	1,183.2	2,387.0	1,892.7	384.6	8,169.4	549.5
2015	7,872.4	537.8	981.0	1,050.5	1,085.2	2,150.0	1,745.5	322.4	7,489.0	383.4
Men										
2010	9,738.2	1,198.1	1,401.3	1,290.3	1,234.1	2,304.8	1,828.0	481.6	9,256.6	481.6
2012	9,926.2	1,084.8	1,507.2	1,358.8	1,280.6	2,297.3	1,907.4	490.1	9,436.1	490.1
2013	9,984.7	1,004.2	1,527.3	1,406.1	1,308.3	2,289.4	1,952.9	496.5	9,488.2	496.5
2014	9,354.4	876.7	1,459.4	1,413.6	1,259.0	2,177.3	1,832.7	335.7	9,018.7	335.7
2015	8,570.8	716.7	1,296.7	1,305.2	1,176.8	2,036.1	1,721.5	317.8	8,253.0	317.8
Urban settlements										
2010	13,072.2	1,265.1	1,905.9	1,777.1	1,733.2	3,357.2	2,547.2	486.5	12,173.4	898.8
2012	13,265.1	1,158.2	1,994.7	1,841.6	1,785.6	3,287.2	2,667.1	530.7	12,447.8	817.3
2013	13,280.7	1,050.2	1,983.3	1,928.2	1,816.7	3,278.7	2,700.5	523.1	12,549.6	731.1
2014	12,780.9	960.6	1,891.8	1,958.3	1,773.5	3,183.8	2,601.7	411.2	12,263.7	517.2
2015	11,309.0	727.0	1,595.7	1,769.7	1,606.9	2,844.5	2,365.7	399.5	10,869.5	439.5
Rural areas										
2010	6,108.0	822.8	632.2	667.2	714.0	1,499.6	1,163.6	608.6	5,278.1	829.9
2012	5,996.3	726.8	686.5	663.6	712.2	1,470.1	1,183.0	554.1	5,280.8	715.5
2013	6,033.5	694.4	716.6	645.8	705.4	1,455.3	1,254.9	561.1	5,339.8	693.7
2014	5,292.4	539.7	670.9	599.8	668.7	1,380.5	1,123.7	309.1	4,924.4	368.0
2015	5,134.2	527.5	682.0	586.0	655.1	1,341.6	1,101.3	240.7	4,872.5	261.7

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	by age group (years)							Working age	Over working age	
		15-24	25-29	30-34	35-39	40-49	50-59	60-70			
Total											
2010	58.4	33.6	72.0	76.6	79.2	78.7	60.9	24.1	65.5	28.0	
2012	59.6	33.4	73.6	77.6	80.0	80.0	61.9	24.0	66.9	26.4	
2013	60.2	32.5	73.7	78.2	81.2	80.4	63.4	23.9	67.3	25.9	
2014	56.6	29.5	71.6	74.9	77.9	78.4	59.4	15.5	64.5	16.7	
2015	56.7	28.2	71.8	74.3	79.1	78.6	61.7	14.5	64.7	14.9	
Women											
2010	54.4	29.3	65.4	72.1	77.1	78.6	55.6	22.2	63.3	28.4	
2012	54.8	29.1	65.6	71.1	76.7	79.0	56.4	21.8	63.7	26.0	
2013	55.3	28.3	65.2	71.4	77.0	79.5	58.0	21.5	63.7	25.2	
2014	51.9	25.2	62.7	67.7	74.6	78.7	54.6	13.8	61.1	16.0	
2015	51.7	24.8	63.1	67.1	75.1	77.8	56.4	12.2	60.9	13.1	
Men											
2010	62.9	37.7	78.4	81.1	81.4	78.8	67.5	27.0	67.5	27.0	
2012	65.0	37.6	81.4	84.0	83.5	81.1	68.9	27.4	69.9	27.4	
2013	65.6	36.5	81.9	84.9	85.5	81.4	70.1	27.5	70.8	27.5	
2014	61.8	33.6	80.2	81.9	81.2	78.2	65.3	18.1	67.8	18.1	
2015	62.2	31.3	80.1	81.3	83.1	79.4	68.2	17.9	68.7	17.9	
Urban settlements											
2010	56.6	29.5	72.4	77.5	80.2	78.5	58.4	15.8	64.7	21.1	
2012	58.4	30.5	74.1	78.3	80.8	80.0	60.3	17.0	66.8	20.1	
2013	58.8	29.1	74.4	79.5	82.2	80.7	61.0	16.5	67.1	18.8	
2014	56.9	28.4	74.2	76.6	78.9	79.3	58.6	12.5	65.5	13.7	
2015	57.4	25.6	74.4	76.4	80.5	80.0	62.1	13.1	66.0	13.5	
Rural areas											
2010	62.6	42.7	70.9	74.4	76.9	79.2	66.9	41.1	67.3	43.3	
2012	62.5	39.7	72.2	75.6	78.0	79.8	66.0	39.9	67.1	41.3	
2013	63.4	39.3	71.8	74.6	78.7	79.8	69.3	41.3	67.6	42.9	
2014	55.9	31.8	65.2	69.8	75.4	76.6	61.2	22.9	62.0	24.1	
2015	55.1	32.7	66.3	68.6	75.7	75.7	60.9	17.5	62.0	18.0	

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

(thsd. prs.)

	Unemployed aged 15-70	by age group (years)							Working age	Over working age
		15-24	25-29	30-34	35-39	40-49	50-59	60-70		
Total										
2010	1,713.9	434.5	280.5	216.6	211.3	356.8	213.9	0.3	1,712.5	1.4
2012	1,589.8	400.7	290.7	190.0	173.7	316.9	217.2	0.6	1,589.2	0.6
2013	1,510.4	356.5	263.4	187.8	167.7	317.6	217.4	–	1,510.3	0.1
2014	1,847.6	451.8	319.9	261.8	216.5	359.2	237.9	0.5	1,847.1	0.5
2015	1,654.7	361.2	286.1	253.9	176.4	343.8	232.8	0.5	1,654.0	0.7
Women										
2010	698.3	180.1	98.3	88.4	90.0	163.8	77.7	–	697.2	1.1
2012	644.8	158.2	102.3	74.6	73.4	151.9	83.8	0.6	644.2	0.6
2013	630.5	142.8	97.4	76.6	78.4	138.6	96.7	–	630.4	0.1
2014	709.4	179.9	118.0	93.9	88.0	141.8	87.4	0.4	709.0	0.4
2015	692.2	150.4	118.7	96.4	78.3	163.3	85.0	0.1	691.9	0.3
Men										
2010	1,015.6	254.4	182.2	128.2	121.3	193.0	136.2	0.3	1,015.3	0.3
2012	945.0	242.5	188.4	115.4	100.3	165.0	133.4	–	945.0	–
2013	879.9	213.7	166.0	111.2	89.3	179.0	120.7	–	879.9	–
2014	1,138.2	271.9	201.9	167.9	128.5	217.4	150.5	0.1	1,138.1	0.1
2015	962.5	210.8	167.4	157.5	98.1	180.5	147.8	0.4	962.1	0.4
Urban settlements										
2010	1,238.8	318.3	219.1	158.2	140.5	249.5	152.9	0.3	1,237.4	1.4
2012	1,104.2	270.4	216.8	136.4	120.7	214.0	145.3	0.6	1,103.6	0.6
2013	1,032.2	237.7	192.3	133.7	118.1	204.8	145.6	–	1,032.2	–
2014	1,289.4	289.9	218.7	197.1	158.2	253.3	171.8	0.4	1,289.0	0.4
2015	1,121.4	223.2	192.9	183.2	130.1	233.7	157.8	0.5	1,120.7	0.7
Rural areas										
2010	475.1	116.2	61.4	58.4	70.8	107.3	61.0	–	475.1	–
2012	485.6	130.3	73.9	53.6	53.0	102.9	71.9	–	485.6	–
2013	478.2	118.8	71.1	54.1	49.6	112.8	71.8	–	478.1	0.1
2014	558.2	161.9	101.2	64.7	58.3	105.9	66.1	0.1	558.1	0.1
2015	533.3	138.0	93.2	70.7	46.3	110.1	75.0	–	533.3	–

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	by age group (years)							Working age	Over working age	
		15-24	25-29	30-34	35-39	40-49	50-59	60-70			
Total											
2010	8.2	17.2	10.0	8.1	7.9	6.8	5.5	0.0	8.9	0.1	
2012	7.6	17.5	9.8	7.0	6.5	6.2	5.3	0.1	8.2	0.0	
2013	7.3	17.0	8.9	6.8	6.2	6.3	5.2	–	7.8	0.0	
2014	9.3	23.1	11.1	9.3	8.1	7.3	6.0	0.1	9.7	0.1	
2015	9.1	22.4	11.2	9.7	7.2	7.6	6.3	0.1	9.5	0.1	
Women											
2010	6.9	16.8	8.0	7.1	6.9	6.0	4.0	–	7.8	0.1	
2012	6.5	16.5	8.0	6.1	5.7	5.8	4.1	0.1	7.2	0.1	
2013	6.3	16.2	7.7	6.2	6.1	5.4	4.6	–	7.0	0.0	
2014	7.5	22.4	9.7	7.6	6.9	5.6	4.4	0.1	8.0	0.1	
2015	8.1	21.9	10.8	8.4	6.7	7.1	4.6	0.0	8.5	0.1	
Men											
2010	9.4	17.5	11.5	9.0	8.9	7.7	6.9	0.1	9.9	0.1	
2012	8.7	18.3	11.1	7.8	7.3	6.7	6.5	–	9.1	–	
2013	8.1	17.5	9.8	7.3	6.4	7.3	5.8	–	8.5	–	
2014	10.8	23.7	12.2	10.6	9.3	9.1	7.6	0.0	11.2	0.0	
2015	10.1	22.7	11.4	10.8	7.7	8.1	7.9	0.1	10.4	0.1	
Urban settlements											
2010	8.7	20.1	10.3	8.2	7.5	6.9	5.7	0.1	9.2	0.2	
2012	7.7	18.9	9.8	6.9	6.3	6.1	5.2	0.1	8.1	0.1	
2013	7.2	18.5	8.8	6.5	6.1	5.9	5.1	–	7.6	–	
2014	9.2	23.2	10.4	9.1	8.2	7.4	6.2	0.1	9.5	0.1	
2015	9.0	23.5	10.8	9.4	7.5	7.6	6.3	0.1	9.3	0.2	
Rural areas											
2010	7.2	12.4	8.9	8.0	9.0	6.7	5.0	–	8.3	–	
2012	7.5	15.2	9.7	7.5	6.9	6.5	5.7	–	8.4	–	
2013	7.3	14.6	9.0	7.7	6.6	7.2	5.4	–	8.2	0.0	
2014	9.5	23.1	13.1	9.7	8.0	7.1	5.6	0.0	10.2	0.0	
2015	9.4	20.7	12.0	10.8	6.6	7.6	6.4	–	9.9	–	

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

(thsd. prs.)

	Economically inactive population aged 15-70	by age group (years)						Working age	Over working age	
		15-24	25-29	30-34	35-39	40-49	50-59			60-70
Total										
2010	11,945.0	3,691.5	706.5	529.3	429.9	957.9	2,173.2	3,456.7	7,493.5	4,451.5
2012	11,456.9	3,349.6	670.1	534.1	450.6	875.0	2,149.1	3,428.4	7,186.2	4,270.7
2013	11,270.1	3,267.1	699.3	530.2	416.6	836.8	2,066.5	3,453.6	7,196.5	4,073.6
2014	12,023.0	3,128.8	696.8	595.8	477.1	895.4	2,309.5	3,919.6	7,617.7	4,405.3
2015	10,925.5	2,836.4	609.8	560.5	422.5	796.4	1,918.1	3,781.8	6,920.6	4,004.9
Women										
2010	7,211.2	1,966.4	502.5	357.2	270.1	531.5	1,428.8	2,154.7	4,061.7	3,149.5
2012	7,045.8	1,793.7	514.3	390.7	297.1	503.0	1,419.6	2,127.4	4,076.1	2,969.7
2013	6,925.4	1,731.7	528.5	392.0	284.5	492.1	1,354.6	2,142.0	4,163.4	2,762.0
2014	7,370.3	1,669.1	538.5	451.9	314.2	505.5	1,488.1	2,403.0	4,481.6	2,888.7
2015	6,674.7	1,477.7	455.7	418.5	281.7	449.9	1,264.3	2,326.9	4,124.7	2,550.0
Men										
2010	4,733.8	1,725.1	204.0	172.1	159.8	426.4	744.4	1,302.0	3,431.8	1,302.0
2012	4,411.1	1,555.9	155.8	143.4	153.5	372.0	729.5	1,301.0	3,110.1	1,301.0
2013	4,344.7	1,535.4	170.8	138.2	132.1	344.7	711.9	1,311.6	3,033.1	1,311.6
2014	4,652.7	1,459.7	158.3	143.9	162.9	389.9	821.4	1,516.6	3,136.1	1,516.6
2015	4,250.8	1,358.7	154.1	142.0	140.8	346.5	653.8	1,454.9	2,795.9	1,454.9
Urban settlements										
2010	8,769.9	2,703.2	508.1	358.4	286.5	672.5	1,658.2	2,583.0	5,404.2	3,365.7
2012	8,342.1	2,374.1	479.7	374.1	302.9	605.8	1,611.9	2,593.6	5,088.4	3,253.7
2013	8,261.2	2,315.4	489.4	364.5	275.6	580.2	1,581.2	2,654.9	5,109.9	3,151.3
2014	8,407.1	2,132.1	439.9	400.6	317.0	578.5	1,662.6	2,876.4	5,161.1	3,246.0
2015	7,277.8	1,887.2	355.7	363.0	258.1	476.1	1,286.9	2,650.8	4,467.3	2,810.5
Rural areas										
2010	3,175.1	988.3	198.4	170.9	143.4	285.4	515.0	873.7	2,089.3	1,085.8
2012	3,114.8	975.5	190.4	160.0	147.7	269.2	537.2	834.8	2,097.8	1,017.0
2013	3,008.9	951.7	209.9	165.7	141.0	256.6	485.3	798.7	2,086.6	922.3
2014	3,615.9	996.7	256.9	195.2	160.1	316.9	646.9	1,043.2	2,456.6	1,159.3
2015	3,647.7	949.2	254.1	197.5	164.4	320.3	631.2	1,131.0	2,453.3	1,194.4

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

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Total										
Ukraine	20,894.1	20,851.2	20,824.6	19,920.9	18,097.9	63.6	64.5	64.9	62.4	62.4
Vinnitsia	771.2	768.4	769.0	739.2	741.2	63.9	64.6	65.1	62.9	63.4
Volyn	474.1	481.8	483.6	455.4	440.4	63.6	64.5	64.8	60.9	58.8
Dnipropetrovsk	1,659.6	1,637.0	1,637.8	1,601.7	1,594.9	64.9	65.7	66.5	65.5	65.6
Donetsk	2,166.6	2,157.2	2,133.7	1,968.8	877.7	63.7	65.2	65.4	60.9	58.3
Zhytomyr	621.1	609.2	609.1	581.4	571.2	65.9	65.6	66.0	63.4	62.5
Zakarpattia	582.2	581.4	586.8	574.5	571.8	63.1	63.0	63.5	62.2	61.9
Zaporizhia	892.6	882.6	879.6	844.8	825.5	64.3	65.2	65.6	63.6	62.5
Ivano-Frankivsk	577.8	595.4	606.5	595.9	609.5	57.0	58.7	59.8	58.6	59.8
Kyiv	817.6	808.3	807.8	786.9	790.6	63.2	63.2	63.4	61.8	62.0
Kirovohrad	473.5	473.7	471.0	440.3	436.6	62.4	64.0	64.5	61.0	60.9
Luhansk	1,094.1	1,077.1	1,078.0	990.3	362.7	61.6	62.5	63.3	58.7	64.7
Lviv	1,190.0	1,189.0	1,189.0	1,135.4	1,134.7	62.9	63.2	63.3	60.5	60.5
Mykolaiv	586.1	579.3	577.1	551.6	558.2	64.5	65.0	65.4	63.0	64.0
Odesa	1,112.5	1,126.0	1,124.0	1,081.9	1,086.3	61.3	62.8	63.0	60.8	61.2
Poltava	714.0	713.9	706.0	681.2	664.3	63.4	64.8	64.7	62.9	61.7
Rivne	532.0	545.8	546.3	532.7	541.4	64.0	65.6	65.7	64.1	65.0
Sumy	556.2	568.6	558.7	532.0	523.3	62.7	65.5	65.1	62.5	61.8
Ternopil	482.1	487.4	489.1	469.1	460.3	60.6	61.6	62.0	59.6	58.5
Kharkiv	1,365.2	1,373.6	1,370.6	1,328.8	1,324.2	63.9	65.7	65.7	63.9	63.8
Kherson	534.9	523.4	524.6	499.8	496.6	64.4	64.3	65.2	62.6	62.5
Khmelnitsk	635.5	625.0	623.6	575.9	557.1	64.7	64.6	64.9	60.3	58.6
Cherkasy	627.3	618.5	617.3	584.3	580.2	64.9	65.3	65.8	62.8	62.6
Chernivtsi	418.0	420.7	423.0	407.4	404.9	62.7	63.0	63.4	61.0	60.5
Chernihiv	536.2	527.1	521.8	494.8	483.9	66.2	66.7	66.8	63.9	62.9
Kyiv city	1,473.7	1,480.8	1,490.6	1,466.8	1,460.4	67.5	68.2	68.4	67.1	66.7

Table 5.8. continued

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Women										
Ukraine	10,140.3	9,980.0	9,960.0	9,428.3	8,564.6	58.4	58.6	59.0	56.1	56.2
Vinnitsia	373.0	374.0	369.1	349.7	347.3	58.5	59.8	59.5	56.8	56.7
Volyn	227.7	237.6	235.9	224.4	208.2	58.8	61.3	61.0	58.0	53.7
Dnipropetrovsk	814.1	775.7	778.9	770.9	780.4	59.5	58.4	59.3	59.2	60.3
Donetsk	1,070.6	1,052.4	1,052.2	945.1	410.2	58.7	59.5	60.4	54.7	51.6
Zhytomyr	304.5	295.6	295.3	275.9	275.4	61.7	61.0	61.4	57.7	57.9
Zakarpattia	271.6	269.5	272.6	268.7	260.1	57.2	56.7	57.4	56.6	54.7
Zaporizhia	438.3	422.6	420.2	413.5	393.0	59.0	58.5	58.9	58.5	55.9
Ivano-Frankivsk	276.1	277.3	275.4	261.6	270.2	52.6	52.9	52.6	49.9	51.4
Kyiv	388.3	381.8	380.3	369.6	374.2	56.9	56.8	56.8	55.3	55.8
Kirovohrad	234.3	227.0	224.7	211.0	206.1	58.1	57.8	58.1	55.2	54.4
Luhansk	535.3	521.9	514.5	467.8	176.1	56.7	57.2	57.2	52.5	60.0
Lviv	570.2	560.8	562.0	520.7	519.6	58.5	57.9	58.2	54.0	53.8
Mykolaiv	281.0	277.2	271.6	255.3	265.7	58.3	58.8	58.2	55.2	57.7
Odesa	517.1	506.3	508.4	470.5	480.1	54.3	53.9	54.5	50.7	51.8
Poltava	347.3	343.1	340.0	323.7	316.0	58.3	59.0	59.2	56.8	55.8
Rivne	259.0	260.9	265.2	253.9	265.0	60.2	60.7	61.8	59.1	61.6
Sumy	275.5	287.2	282.7	255.2	252.1	58.5	62.6	62.4	56.8	56.4
Ternopil	233.6	236.8	235.7	224.4	222.1	56.3	57.5	57.5	54.9	54.4
Kharkiv	645.0	644.9	654.7	615.2	617.0	57.0	58.3	59.7	56.3	56.6
Kherson	249.9	241.0	239.5	228.0	232.7	57.0	56.3	56.6	54.3	55.7
Khmelnytsk	308.9	298.0	297.5	279.5	265.0	60.0	58.9	59.3	56.1	53.4
Cherkasy	314.1	298.0	296.5	278.8	274.6	61.1	59.3	59.7	56.6	56.1
Chernivtsi	202.5	191.7	186.9	186.2	192.1	58.0	54.9	53.6	53.4	55.0
Chernihiv	274.8	267.6	267.5	246.7	231.5	64.2	64.3	65.2	60.7	57.3
Kyiv city	727.6	731.1	732.7	732.0	729.9	62.2	62.8	62.8	62.5	62.1

Table 5.8. continued

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Men										
Ukraine	10,753.8	10,871.2	10,864.6	10,492.6	9,533.3	69.4	71.1	71.4	69.3	69.2
Vinnitsia	398.2	394.4	399.9	389.5	393.9	69.9	69.9	71.2	69.7	70.7
Volyn	246.4	244.2	247.7	231.0	232.2	68.8	67.9	68.9	64.1	64.4
Dnipropetrovsk	845.5	861.3	858.9	830.8	814.5	71.2	74.1	74.5	72.6	71.6
Donetsk	1,096.0	1,104.8	1,081.5	1,023.7	467.5	69.5	71.8	71.0	67.9	65.9
Zhytomyr	316.6	313.6	313.8	305.5	295.8	70.5	70.6	71.0	69.5	67.6
Zakarpattia	310.6	311.9	314.2	305.8	311.7	69.5	69.6	70.0	68.1	69.5
Zaporizhia	454.3	460.0	459.4	431.3	432.5	70.3	72.8	73.2	69.3	69.9
Ivano-Frankivsk	301.7	318.1	331.1	334.3	339.3	61.7	64.9	67.4	68.0	68.9
Kyiv	429.3	426.5	427.5	417.3	416.4	70.3	70.4	70.7	69.0	69.0
Kirovohrad	239.2	246.7	246.3	229.3	230.5	67.4	71.0	71.8	67.5	68.3
Luhansk	558.8	555.2	563.5	522.5	186.6	67.1	68.4	70.2	65.6	69.8
Lviv	619.8	628.2	627.0	614.7	615.1	67.6	68.8	68.8	67.4	67.5
Mykolaiv	305.1	302.1	305.5	296.3	292.5	71.5	72.1	73.5	71.8	71.1
Odesa	595.4	619.7	615.6	611.4	606.2	68.9	72.6	72.2	71.9	71.5
Poltava	366.7	370.8	366.0	357.5	348.3	69.2	71.3	71.0	69.8	68.4
Rivne	273.0	284.9	281.1	278.8	276.4	68.1	70.9	70.0	69.3	68.6
Sumy	280.7	281.4	276.0	276.8	271.2	67.3	68.8	68.1	68.9	67.9
Ternopil	248.5	250.6	253.4	244.7	238.2	65.4	66.1	66.9	64.7	63.0
Kharkiv	720.2	728.7	715.9	713.6	707.2	71.7	73.8	72.4	72.3	71.7
Kherson	285.0	282.4	285.1	271.8	263.9	72.7	73.3	74.6	71.7	70.0
Khmelnysk	326.6	327.0	326.1	296.4	292.1	69.9	70.7	71.0	64.9	64.2
Cherkasy	313.2	320.5	320.8	305.5	305.6	69.1	71.9	72.6	69.7	70.0
Chernivtsi	215.5	229.0	236.1	221.2	212.8	67.9	71.8	74.0	69.2	66.5
Chernihiv	261.4	259.5	254.3	248.1	252.4	68.4	69.2	68.6	67.5	69.2
Kyiv city	746.1	749.7	757.9	734.8	730.5	73.6	74.5	75.0	72.5	72.0

Table 5.8. continued

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Urban settlements										
Ukraine	14,311.0	14,369.3	14,312.9	14,070.3	12,430.4	62.0	63.3	63.4	62.6	63.1
Vinnitsia	368.1	375.4	365.3	379.8	392.1	58.8	60.3	58.9	61.5	63.7
Volyn	227.4	232.4	232.9	243.5	237.4	56.4	57.5	57.6	60.1	58.5
Dnipropetrovsk	1,399.7	1,390.0	1,393.0	1,375.0	1367.1	65.0	66.2	67.1	66.7	66.7
Donetsk	1,959.4	1,945.6	1,923.4	1,790.3	734.5	63.4	64.8	64.8	60.9	57.5
Zhytomyr	334.1	338.4	338.9	344.2	345.9	58.9	60.2	60.6	61.7	62.3
Zakarpattia	238.3	242.0	246.7	237.9	231.6	68.6	69.9	71.5	69.1	67.4
Zaporizhia	673.2	680.6	674.4	660.4	645.1	62.3	64.5	64.6	63.8	62.7
Ivano-Frankivsk	253.4	257.9	259.9	262.6	280.5	55.7	56.8	57.2	57.8	61.6
Kyiv	511.1	504.5	498.1	524.4	524.5	62.7	62.2	61.4	64.6	64.6
Kirovohrad	301.0	303.8	297.8	287.4	290.0	62.7	64.3	63.9	62.1	63.1
Luhansk	925.8	911.8	910.8	848.6	240.0	59.8	60.7	61.4	57.7	59.2
Lviv	714.0	724.6	727.9	723.2	731.9	60.6	62.0	62.5	62.2	63.0
Mykolaiv	385.5	391.4	388.9	372.1	375.4	61.6	63.8	64.0	61.6	62.3
Odesa	747.3	758.9	746.1	739.8	735.4	60.7	62.6	61.7	61.4	61.3
Poltava	440.8	435.1	425.9	425.0	426.6	62.7	63.0	62.2	62.4	62.9
Rivne	242.4	241.3	243.4	246.5	253.0	57.4	57.2	57.9	58.7	60.4
Sumy	399.5	380.6	369.3	358.3	358.5	65.1	63.1	61.8	60.2	60.5
Ternopil	212.5	217.2	216.7	225.9	243.1	58.1	59.6	59.6	62.2	67.0
Kharkiv	1,087.6	1,092.9	1,092.5	1,092.1	1,093.5	62.9	64.5	64.5	64.6	64.7
Kherson	295.2	291.0	293.0	290.2	291.7	57.5	58.0	59.1	59.0	59.6
Khmelnysk	332.6	352.2	352.6	342.4	338.1	59.0	62.7	63.0	61.3	60.6
Cherkasy	349.4	353.3	350.9	346.1	346.0	62.2	63.8	64.0	63.5	63.7
Chernivtsi	115.5	139.5	148.4	167.1	169.2	39.5	47.4	50.2	56.2	56.7
Chernihiv	323.5	328.1	325.5	320.7	318.9	60.7	62.4	62.4	61.8	61.7
Kyiv city	1,473.7	1,480.8	1,490.6	1,466.8	1,460.4	67.5	68.2	68.4	67.1	66.7

Table 5.8. continued

	Economically active population aged 15-70, thsd. prs.					Economic activity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Rural areas										
Ukraine	6,583.1	6,481.9	6,511.7	5,850.6	5,667.5	67.5	67.5	68.4	61.8	60.8
Vinnitsia	403.1	393.0	403.7	359.4	349.1	69.3	69.3	71.9	64.5	63.0
Volyn	246.7	249.4	250.7	211.9	203.0	72.1	72.8	73.3	61.9	59.2
Dnipropetrovsk	259.9	247.0	244.8	226.7	227.8	64.6	62.9	63.1	58.9	59.5
Donetsk	207.2	211.6	210.3	178.5	143.2	66.4	69.9	70.5	60.7	62.9
Zhytomyr	287.0	270.8	270.2	237.2	225.3	76.5	73.9	74.4	65.9	62.9
Zakarpattia	343.9	339.4	340.1	336.6	340.2	59.8	58.8	58.8	58.1	58.6
Zaporizhia	219.4	202.0	205.2	184.4	180.4	71.1	67.5	69.4	62.8	61.8
Ivano-Frankivsk	324.4	337.5	346.6	333.3	329.0	58.0	60.2	61.8	59.3	58.4
Kyiv	306.5	303.8	309.7	262.5	266.1	64.1	65.0	66.9	56.9	57.6
Kirovohrad	172.5	169.9	173.2	152.9	146.6	62.1	63.4	65.7	58.9	57.1
Luhansk	168.3	165.3	167.2	141.7	122.7	73.3	74.6	76.6	65.6	79.0
Lviv	476.0	464.4	461.1	412.2	402.8	66.7	65.1	64.7	57.8	56.4
Mykolaiv	200.6	187.9	188.2	179.5	182.8	70.9	67.7	68.7	66.2	67.9
Odesa	365.2	367.1	377.9	342.1	350.9	62.5	63.3	65.6	59.5	61.1
Poltava	273.2	278.8	280.1	256.2	237.7	64.5	67.8	69.0	63.9	59.7
Rivne	289.6	304.5	302.9	286.2	288.4	70.8	74.4	73.8	69.5	69.6
Sumy	156.7	188.0	189.4	173.7	164.8	57.3	71.0	72.7	67.8	64.9
Ternopil	269.6	270.2	272.4	243.2	217.2	62.8	63.3	64.1	57.3	51.3
Kharkiv	277.6	280.7	278.1	236.7	230.7	68.2	70.8	71.1	61.0	59.6
Kherson	239.7	232.4	231.6	209.6	204.9	75.6	74.5	74.9	68.3	67.0
Khmelnysk	302.9	272.8	271.0	233.5	219.0	72.5	67.2	67.5	58.9	55.7
Cherkasy	277.9	265.2	266.4	238.2	234.2	68.7	67.3	68.3	61.7	61.1
Chernivtsi	302.5	281.2	274.6	240.3	235.7	80.8	75.3	73.8	64.7	63.5
Chernihiv	212.7	199.0	196.3	174.1	165.0	76.6	75.0	75.6	68.2	65.4
Kyiv city	–	–	–	–	–	–	–	–	–	–

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

	Employed aged 15-70, thsd. prs.					Employment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Total										
Ukraine	19,180.2	19,261.4	19,314.2	18,073.3	16,443.2	58.4	59.6	60.2	56.6	56.7
Vinnitsia	694.3	701.1	704.6	661.6	674.9	57.5	58.9	59.6	56.3	57.7
Volyn	433.6	442.8	445.7	410.5	397.3	58.2	59.3	59.7	54.9	53.1
Dnipropetrovsk	1,541.9	1,528.5	1,531.0	1,472.8	1,479.6	60.3	61.4	62.1	60.2	60.9
Donetsk	1,983.7	1,985.4	1,968.1	1,752.4	756.3	58.3	60.0	60.3	54.2	50.3
Zhytomyr	560.3	550.3	552.3	514.8	506.6	59.5	59.3	59.9	56.1	55.5
Zakarpattia	531.8	530.8	541.2	521.4	519.3	57.7	57.5	58.6	56.4	56.2
Zaporizhia	825.7	821.2	821.9	773.5	745.1	59.5	60.6	61.3	58.2	56.4
Ivano-Frankivsk	530.3	548.5	562.7	547.8	558.3	52.3	54.1	55.4	53.9	54.8
Kyiv	757.9	757.5	758.4	724.3	739.9	58.6	59.2	59.5	56.9	58.1
Kirovohrad	431.2	433.7	434.0	391.1	386.8	56.9	58.6	59.5	54.2	54.0
Luhansk	1,015.4	1,008.6	1,011.7	877.6	306.3	57.1	58.5	59.4	52.0	54.6
Lviv	1,096.7	1,099.9	1,104.7	1,038.2	1,042.0	58.0	58.4	58.8	55.3	55.5
Mykolaiv	536.7	533.7	534.5	501.5	508.7	59.1	59.9	60.6	57.3	58.4
Odesa	1,044.5	1,060.4	1,064.5	1,009.4	1016.2	57.5	59.2	59.6	56.7	57.3
Poltava	644.8	652.7	648.3	602.9	583.6	57.3	59.3	59.4	55.7	54.2
Rivne	471.2	492.5	494.9	476.0	487.7	56.7	59.2	59.6	57.2	58.5
Sumy	497.0	519.6	515.9	481.4	470.5	56.0	59.9	60.1	56.6	55.6
Ternopil	431.3	439.4	442.9	416.0	406.2	54.2	55.5	56.2	52.9	51.6
Kharkiv	1,267.3	1,280.6	1,282.8	1,225.3	1,230.8	59.3	61.2	61.5	59.0	59.3
Kherson	488.8	477.7	480.2	450.2	445.8	58.9	58.7	59.6	56.4	56.1
Khmelnysk	580.6	571.3	573.7	521.9	500.5	59.1	59.0	59.7	54.7	52.6
Cherkasy	564.9	562.7	562.1	524.5	523.5	58.4	59.4	59.9	56.3	56.5
Chernivtsi	382.4	387.2	391.6	370.6	367.2	57.4	57.9	58.7	55.5	54.9
Chernihiv	480.1	475.5	473.4	439.5	432.3	59.2	60.1	60.6	56.8	56.2
Kyiv city	1,387.8	1,399.8	1,413.1	1,368.1	1,357.8	63.6	64.5	64.9	62.6	62.0

Table 5.9. continued

	Employed aged 15-70, thsd. prs.					Employment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Women										
Ukraine	9,442.0	9,335.2	9,329.5	8,718.9	7,872.4	54.4	54.8	55.3	51.9	51.7
Vinnitsia	343.9	347.4	342.1	319.5	315.0	53.9	55.5	55.2	51.9	51.4
Volyn	214.4	221.9	220.1	206.1	190.2	55.3	57.3	56.9	53.3	49.0
Dnipropetrovsk	759.1	735.4	740.2	722.5	735.5	55.5	55.3	56.4	55.5	56.8
Donetsk	984.3	975.7	968.6	862.3	354.2	54.0	55.2	55.6	49.9	44.6
Zhytomyr	285.2	272.6	267.4	251.4	250.5	57.8	56.3	55.6	52.6	52.6
Zakarpattia	255.0	252.6	263.5	249.7	243.7	53.7	53.2	55.5	52.6	51.3
Zaporizhia	411.5	398.5	405.9	382.7	356.9	55.4	55.2	56.9	54.2	50.8
Ivano-Frankivsk	258.2	255.1	251.3	240.4	248.1	49.2	48.7	48.0	45.8	47.2
Kyiv	367.4	361.2	360.9	340.9	352.3	53.9	53.7	53.9	51.0	52.5
Kirovohrad	216.4	210.2	208.3	186.7	186.1	53.6	53.5	53.8	48.8	49.1
Luhansk	494.7	494.9	490.4	423.9	151.6	52.4	54.2	54.6	47.6	51.6
Lviv	532.0	532.4	530.4	490.0	482.9	54.5	54.9	54.9	50.8	50.0
Mykolaiv	262.9	259.3	249.5	240.9	245.5	54.5	55.0	53.5	52.1	53.3
Odesa	493.6	490.4	494.6	447.5	461.7	51.8	52.2	53.0	48.2	49.9
Poltava	319.9	310.2	312.4	290.2	278.7	53.7	53.3	54.3	50.9	49.2
Rivne	235.0	243.8	241.8	234.1	241.8	54.6	56.7	56.4	54.5	56.2
Sumy	251.8	262.3	258.2	232.2	227.6	53.5	57.2	57.0	51.7	50.9
Ternopil	216.3	219.1	220.2	210.6	201.4	52.1	53.2	53.7	51.5	49.3
Kharkiv	604.8	609.4	607.9	581.0	574.5	53.4	55.1	55.4	53.2	52.7
Kherson	225.6	221.3	224.6	206.1	210.8	51.5	51.7	53.1	49.1	50.5
Khmelnysk	289.3	281.3	279.2	257.3	242.6	56.2	55.6	55.7	51.7	48.9
Cherkasy	289.1	270.3	277.2	257.1	258.3	56.3	53.8	55.8	52.2	52.8
Chernivtsi	190.1	177.1	174.0	178.4	167.5	54.4	50.7	49.9	51.2	48.0
Chernihiv	250.7	241.5	240.4	222.1	214.8	58.5	58.1	58.6	54.6	53.1
Kyiv city	690.8	691.3	700.4	685.3	680.2	59.1	59.4	60.0	58.5	57.9

Table 5.9. continued

	Employed aged 15-70, thsd. prs.					Employment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Men										
Ukraine	9,738.2	9,926.2	9,984.7	9,354.4	8,570.8	62.9	65.0	65.6	61.8	62.2
Vinnytsia	350.4	353.7	362.5	342.1	359.9	61.5	62.7	64.6	61.2	64.6
Volyn	219.2	220.9	225.6	204.4	207.1	61.2	61.5	62.8	56.7	57.4
Dnipropetrovsk	782.8	793.1	790.8	750.3	744.1	65.9	68.2	68.6	65.6	65.4
Donetsk	999.4	1,009.7	999.5	890.1	402.1	63.3	65.6	65.7	59.0	56.6
Zhytomyr	275.1	277.7	284.9	263.4	256.1	61.3	62.5	64.5	59.9	58.6
Zakarpattia	276.8	278.2	277.7	271.7	275.6	61.9	62.1	61.9	60.5	61.4
Zaporizhia	414.2	422.7	416.0	390.8	388.2	64.1	66.9	66.3	62.8	62.8
Ivano-Frankivsk	272.1	293.4	311.4	307.4	310.2	55.6	59.9	63.4	62.5	63.0
Kyiv	390.5	396.3	397.5	383.4	387.6	63.9	65.4	65.7	63.4	64.2
Kirovohrad	214.8	223.5	225.7	204.4	200.7	60.6	64.3	65.8	60.2	59.5
Luhansk	520.7	513.7	521.3	453.7	154.7	62.6	63.3	64.9	57.0	57.9
Lviv	564.7	567.5	574.3	548.2	559.1	61.6	62.1	63.0	60.1	61.4
Mykolaiv	273.8	274.4	285.0	260.6	263.2	64.2	65.5	68.6	63.1	64.0
Odesa	550.9	570.0	569.9	561.9	554.5	63.8	66.7	66.9	66.1	65.4
Poltava	324.9	342.5	335.9	312.7	304.9	61.3	65.9	65.1	61.1	59.9
Rivne	236.2	248.7	253.1	241.9	245.9	58.9	61.9	63.0	60.1	61.0
Sumy	245.2	257.3	257.7	249.2	242.9	58.8	62.9	63.6	62.0	60.8
Ternopil	215.0	220.3	222.7	205.4	204.8	56.6	58.1	58.8	54.3	54.2
Kharkiv	662.5	671.2	674.9	644.3	656.3	65.9	68.0	68.3	65.3	66.6
Kherson	263.2	256.4	255.6	244.1	235.0	67.1	66.5	66.9	64.4	62.3
Khmelnysk	291.3	290.0	294.5	264.6	257.9	62.3	62.7	64.1	57.9	56.7
Cherkasy	275.8	292.4	284.9	267.4	265.2	60.9	65.6	64.5	61.0	60.7
Chernivtsi	192.3	210.1	217.6	192.2	199.7	60.6	65.9	68.2	60.1	62.4
Chernihiv	229.4	234.0	233.0	217.4	217.5	60.0	62.4	62.8	59.1	59.6
Kyiv city	697.0	708.5	712.7	682.8	677.6	68.8	70.4	70.5	67.4	66.8

Table 5.9. continued

	Employed aged 15-70, thsd. prs.					Employment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Urban settlements										
Ukraine	13,072.2	13,265.1	13,280.7	12,780.9	11,309.0	56.6	58.4	58.8	56.9	57.4
Vinnysia	329.6	339.3	330.4	335.2	353.6	52.6	54.5	53.3	54.3	57.5
Volyn	210.5	217.0	218.3	224.6	220.4	52.2	53.7	54.0	55.5	54.3
Dnipropetrovsk	1,300.1	1,299.5	1,303.9	1,266.1	1,270.3	60.4	61.9	62.8	61.5	62.0
Donetsk	1,795.8	1,795.1	1,783.4	1,603.4	644.6	58.1	59.8	60.1	54.5	50.5
Zhytomyr	296.8	302.6	306.5	302.6	304.4	52.3	53.8	54.8	54.3	54.9
Zakarpattia	214.7	221.7	224.0	210.7	208.2	61.8	64.1	64.9	61.2	60.6
Zaporizhia	617.2	631.7	630.6	604.4	581.9	57.1	59.9	60.4	58.4	56.5
Ivano-Frankivsk	224.0	229.0	235.9	234.7	252.1	49.3	50.4	51.9	51.6	55.3
Kyiv	465.6	473.0	468.5	483.7	487.3	57.1	58.3	57.8	59.6	60.0
Kirovohrad	273.4	282.3	276.1	254.2	259.7	56.9	59.8	59.2	54.9	56.5
Luhansk	855.9	854.2	854.5	756.2	197.9	55.3	56.8	57.6	51.4	48.8
Lviv	644.3	662.9	666.1	660.9	670.1	54.7	56.7	57.2	56.8	57.7
Mykolaiv	347.1	364.0	361.6	337.6	341.2	55.5	59.4	59.5	55.9	56.6
Odesa	697.4	704.7	703.3	688.7	684.4	56.6	58.1	58.2	57.2	57.0
Poltava	396.6	405.0	400.4	385.0	383.2	56.4	58.7	58.5	56.5	56.5
Rivne	207.0	214.9	216.6	219.3	227.6	49.0	50.9	51.5	52.3	54.3
Sumy	354.5	345.1	338.4	322.1	319.6	57.7	57.2	56.6	54.2	53.9
Ternopil	181.0	186.7	189.8	196.5	212.5	49.5	51.2	52.2	54.1	58.6
Kharkiv	1,013.9	1,023.9	1,027.1	1,016.8	1,021.6	58.6	60.4	60.6	60.2	60.5
Kherson	259.7	258.9	261.2	256.2	254.8	50.6	51.6	52.7	52.1	52.1
Khmelnysk	310.7	322.0	327.5	314.3	311.1	55.1	57.3	58.5	56.3	55.8
Cherkasy	298.1	309.8	310.4	303.4	308.4	53.0	56.0	56.6	55.7	56.8
Chernivtsi	105.4	128.6	137.6	151.2	151.6	36.1	43.7	46.5	50.9	50.8
Chernihiv	285.1	293.4	295.5	285.0	284.7	53.5	55.8	56.7	54.9	55.1
Kyiv city	1,387.8	1,399.8	1,413.1	1,368.1	1,357.8	63.6	64.5	64.9	62.6	62.0

Table 5.9. continued

	Employed aged 15-70, thsd. prs.					Employment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Rural areas										
Ukraine	6,108.0	5,996.3	6,033.5	5,292.4	5,134.2	62.6	62.5	63.4	55.9	55.1
Vinnitsia	364.7	361.8	374.2	326.4	321.3	62.7	63.8	66.6	58.6	58.0
Volyn	223.1	225.8	227.4	185.9	176.9	65.2	65.9	66.5	54.3	51.6
Dnipropetrovsk	241.8	229.0	227.1	206.7	209.3	60.1	58.3	58.5	53.7	54.7
Donetsk	187.9	190.3	184.7	149.0	111.7	60.2	62.8	62.0	50.7	49.1
Zhytomyr	263.5	247.7	245.8	212.2	202.2	70.3	67.6	67.7	58.9	56.4
Zakarpattia	317.1	309.1	317.2	310.7	311.1	55.1	53.6	54.8	53.6	53.6
Zaporizhia	208.5	189.5	191.3	169.1	163.2	67.6	63.3	64.7	57.6	55.9
Ivano-Frankivsk	306.3	319.5	326.8	313.1	306.2	54.7	57.0	58.3	55.7	54.4
Kyiv	292.3	284.5	289.9	240.6	252.6	61.1	60.9	62.6	52.1	54.7
Kirovohrad	157.8	151.4	157.9	136.9	127.1	56.8	56.5	59.9	52.8	49.5
Luhansk	159.5	154.4	157.2	121.4	108.4	69.4	69.7	72.0	56.2	69.8
Lviv	452.4	437.0	438.6	377.3	371.9	63.4	61.3	61.6	52.9	52.1
Mykolaiv	189.6	169.7	172.9	163.9	167.5	67.0	61.2	63.1	60.4	62.2
Odesa	347.1	355.7	361.2	320.7	331.8	59.4	61.3	62.7	55.8	57.8
Poltava	248.2	247.7	247.9	217.9	200.4	58.6	60.3	61.1	54.3	50.4
Rivne	264.2	277.6	278.3	256.7	260.1	64.6	67.8	67.8	62.3	62.8
Sumy	142.5	174.5	177.5	159.3	150.9	52.1	65.9	68.2	62.2	59.4
Ternopil	250.3	252.7	253.1	219.5	193.7	58.3	59.2	59.5	51.8	45.7
Kharkiv	253.4	256.7	255.7	208.5	209.2	62.2	64.7	65.3	53.7	54.1
Kherson	229.1	218.8	219.0	194.0	191.0	72.3	70.2	70.9	63.2	62.4
Khmelnitsk	269.9	249.3	246.2	207.6	189.4	64.6	61.4	61.4	52.4	48.1
Cherkasy	266.8	252.9	251.7	221.1	215.1	65.9	64.1	64.5	57.3	56.1
Chernivtsi	277.0	258.6	254.0	219.4	215.6	74.0	69.2	68.3	59.1	58.1
Chernihiv	195.0	182.1	177.9	154.5	147.6	70.2	68.6	68.5	60.5	58.5
Kyiv city	–	–	–	–	–	–	–	–	–	–

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

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Total										
Ukraine	1,713.9	1,589.8	1,510.4	1,847.6	1,654.7	8.2	7.6	7.3	9.3	9.1
Vinnitsia	76.9	67.3	64.4	77.6	66.3	10.0	8.8	8.4	10.5	8.9
Volyn	40.5	39.0	37.9	44.9	43.1	8.5	8.1	7.8	9.9	9.8
Dnipropetrovsk	117.7	108.5	106.8	128.9	115.3	7.1	6.6	6.5	8.0	7.2
Donetsk	182.9	171.8	165.6	216.4	121.4	8.4	8.0	7.8	11.0	13.8
Zhytomyr	60.8	58.9	56.8	66.6	64.6	9.8	9.7	9.3	11.5	11.3
Zakarpattia	50.4	50.6	45.6	53.1	52.5	8.7	8.7	7.8	9.2	9.2
Zaporizhia	66.9	61.4	57.7	71.3	80.4	7.5	7.0	6.6	8.4	9.7
Ivano-Frankivsk	47.5	46.9	43.8	48.1	51.2	8.2	7.9	7.2	8.1	8.4
Kyiv	59.7	50.8	49.4	62.6	50.7	7.3	6.3	6.1	8.0	6.4
Kirovohrad	42.3	40.0	37.0	49.2	49.8	8.9	8.4	7.9	11.2	11.4
Luhansk	78.7	68.5	66.3	112.7	56.4	7.2	6.4	6.2	11.4	15.6
Lviv	93.3	89.1	84.3	97.2	92.7	7.8	7.5	7.1	8.6	8.2
Mykolaiv	49.4	45.6	42.6	50.1	49.5	8.4	7.9	7.4	9.1	8.9
Odesa	68.0	65.6	59.5	72.5	70.1	6.1	5.8	5.3	6.7	6.5
Poltava	69.2	61.2	57.7	78.3	80.7	9.7	8.6	8.2	11.5	12.1
Rivne	60.8	53.3	51.4	56.7	53.7	11.4	9.8	9.4	10.6	9.9
Sumy	59.2	49.0	42.8	50.6	52.8	10.6	8.6	7.7	9.5	10.1
Ternopil	50.8	48.0	46.2	53.1	54.1	10.5	9.8	9.4	11.3	11.8
Kharkiv	97.9	93.0	87.8	103.5	93.4	7.2	6.8	6.4	7.8	7.1
Kherson	46.1	45.7	44.4	49.6	50.8	8.6	8.7	8.5	9.9	10.2
Khmelnitsk	54.9	53.7	49.9	54.0	56.6	8.6	8.6	8.0	9.4	10.2
Cherkasy	62.4	55.8	55.2	59.8	56.7	9.9	9.0	8.9	10.2	9.8
Chernivtsi	35.6	33.5	31.4	36.8	37.7	8.5	8.0	7.4	9.0	9.3
Chernihiv	56.1	51.6	48.4	55.3	51.6	10.5	9.8	9.3	11.2	10.7
Kyiv city	85.9	81.0	77.5	98.7	102.6	5.8	5.5	5.2	6.7	7.0

Table 5.10. continued

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Women										
Ukraine	698.3	644.8	630.5	709.4	692.2	6.9	6.5	6.3	7.5	8.1
Vinnitsia	29.1	26.6	27.0	30.2	32.3	7.8	7.1	7.3	8.6	9.3
Volyn	13.3	15.7	15.8	18.3	18.0	5.8	6.6	6.7	8.2	8.6
Dnipropetrovsk	55.0	40.3	38.7	48.4	44.9	6.8	5.2	5.0	6.3	5.8
Donetsk	86.3	76.7	83.6	82.8	56.0	8.1	7.3	7.9	8.8	13.7
Zhytomyr	19.3	23.0	27.9	24.5	24.9	6.3	7.8	9.4	8.9	9.0
Zakarpattia	16.6	16.9	9.1	19.0	16.4	6.1	6.3	3.3	7.1	6.3
Zaporizhia	26.8	24.1	14.3	30.8	36.1	6.1	5.7	3.4	7.4	9.2
Ivano-Frankivsk	17.9	22.2	24.1	21.2	22.1	6.5	8.0	8.8	8.1	8.2
Kyiv	20.9	20.6	19.4	28.7	21.9	5.4	5.4	5.1	7.8	5.9
Kirovohrad	17.9	16.8	16.4	24.3	20.0	7.6	7.4	7.3	11.5	9.7
Luhansk	40.6	27.0	24.1	43.9	24.5	7.6	5.2	4.7	9.4	13.9
Lviv	38.2	28.4	31.6	30.7	36.7	6.7	5.1	5.6	5.9	7.1
Mykolaiv	18.1	17.9	22.1	14.4	20.2	6.4	6.5	8.1	5.6	7.6
Odesa	23.5	15.9	13.8	23.0	18.4	4.5	3.1	2.7	4.9	3.8
Poltava	27.4	32.9	27.6	33.5	37.3	7.9	9.6	8.1	10.3	11.8
Rivne	24.0	17.1	23.4	19.8	23.2	9.3	6.6	8.8	7.8	8.8
Sumy	23.7	24.9	24.5	23.0	24.5	8.6	8.7	8.7	9.0	9.7
Ternopil	17.3	17.7	15.5	13.8	20.7	7.4	7.5	6.6	6.1	9.3
Kharkiv	40.2	35.5	46.8	34.2	42.5	6.2	5.5	7.1	5.6	6.9
Kherson	24.3	19.7	14.9	21.9	21.9	9.7	8.2	6.2	9.6	9.4
Khmelnitsk	19.6	16.7	18.3	22.2	22.4	6.3	5.6	6.2	7.9	8.5
Cherkasy	25.0	27.7	19.3	21.7	16.3	8.0	9.3	6.5	7.8	5.9
Chernivtsi	12.4	14.6	12.9	7.8	24.6	6.1	7.6	6.9	4.2	12.8
Chernihiv	24.1	26.1	27.1	24.6	16.7	8.8	9.8	10.1	10.0	7.2
Kyiv city	36.8	39.8	32.3	46.7	49.7	5.1	5.4	4.4	6.4	6.8

Table 5.10. continued

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Men										
Ukraine	1,015.6	945.0	879.9	1,138.2	962.5	9.4	8.7	8.1	10.8	10.1
Vinnytsia	47.8	40.7	37.4	47.4	34.0	12.0	10.3	9.4	12.2	8.6
Volyn	27.2	23.3	22.1	26.6	25.1	11.0	9.5	8.9	11.5	10.8
Dnipropetrovsk	62.7	68.2	68.1	80.5	70.4	7.4	7.9	7.9	9.7	8.6
Donetsk	96.6	95.1	82.0	133.6	65.4	8.8	8.6	7.6	13.1	14.0
Zhytomyr	41.5	35.9	28.9	42.1	39.7	13.1	11.4	9.2	13.8	13.4
Zakarpattia	33.8	33.7	36.5	34.1	36.1	10.9	10.8	11.6	11.2	11.6
Zaporizhia	40.1	37.3	43.4	40.5	44.3	8.8	8.1	9.4	9.4	10.2
Ivano-Frankivsk	29.6	24.7	19.7	26.9	29.1	9.8	7.8	5.9	8.0	8.6
Kyiv	38.8	30.2	30.0	33.9	28.8	9.0	7.1	7.0	8.1	6.9
Kirovohrad	24.4	23.2	20.6	24.9	29.8	10.2	9.4	8.4	10.9	12.9
Luhansk	38.1	41.5	42.2	68.8	31.9	6.8	7.5	7.5	13.2	17.1
Lviv	55.1	60.7	52.7	66.5	56.0	8.9	9.7	8.4	10.8	9.1
Mykolaiv	31.3	27.7	20.5	35.7	29.3	10.3	9.2	6.7	12.0	10.0
Odesa	44.5	49.7	45.7	49.5	51.7	7.5	8.0	7.4	8.1	8.5
Poltava	41.8	28.3	30.1	44.8	43.4	11.4	7.6	8.2	12.5	12.5
Rivne	36.8	36.2	28.0	36.9	30.5	13.5	12.7	10.0	13.2	11.0
Sumy	35.5	24.1	18.3	27.6	28.3	12.6	8.6	6.6	10.0	10.4
Ternopil	33.5	30.3	30.7	39.3	33.4	13.5	12.1	12.1	16.1	14.0
Kharkiv	57.7	57.5	41.0	69.3	50.9	8.0	7.9	5.7	9.7	7.2
Kherson	21.8	26.0	29.5	27.7	28.9	7.6	9.2	10.3	10.2	11.0
Khmelnysk	35.3	37.0	31.6	31.8	34.2	10.8	11.3	9.7	10.7	11.7
Cherkasy	37.4	28.1	35.9	38.1	40.4	11.9	8.8	11.2	12.5	13.2
Chernivtsi	23.2	18.9	18.5	29.0	13.1	10.8	8.3	7.8	13.1	6.2
Chernihiv	32.0	25.5	21.3	30.7	34.9	12.2	9.8	8.4	12.4	13.8
Kyiv city	49.1	41.2	45.2	52.0	52.9	6.6	5.5	6.0	7.1	7.2

Table 5.10. continued

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Urban settlements										
Ukraine	1,238.8	1,104.2	1,032.2	1,289.4	1,121.4	8.7	7.7	7.2	9.2	9.0
Vinnitsia	38.5	36.1	34.9	44.6	38.5	10.5	9.6	9.6	11.7	9.8
Volyn	16.9	15.4	14.6	18.9	17.0	7.4	6.6	6.3	7.8	7.2
Dnipropetrovsk	99.6	90.5	89.1	108.9	96.8	7.1	6.5	6.4	7.9	7.1
Donetsk	163.6	150.5	140.0	186.9	89.9	8.3	7.7	7.3	10.4	12.2
Zhytomyr	37.3	35.8	32.4	41.6	41.5	11.2	10.6	9.6	12.1	12.0
Zakarpattya	23.6	20.3	22.7	27.2	23.4	9.9	8.4	9.2	11.4	10.1
Zaporizhia	56.0	48.9	43.8	56.0	63.2	8.3	7.2	6.5	8.5	9.8
Ivano-Frankivsk	29.4	28.9	24.0	27.9	28.4	11.6	11.2	9.2	10.6	10.1
Kyiv	45.5	31.5	29.6	40.7	37.2	8.9	6.2	5.9	7.8	7.1
Kirovohrad	27.6	21.5	21.7	33.2	30.3	9.2	7.1	7.3	11.6	10.4
Luhansk	69.9	57.6	56.3	92.4	42.1	7.6	6.3	6.2	10.9	17.5
Lviv	69.7	61.7	61.8	62.3	61.8	9.8	8.5	8.5	8.6	8.4
Mykolaiv	38.4	27.4	27.3	34.5	34.2	10.0	7.0	7.0	9.3	9.1
Odesa	49.9	54.2	42.8	51.1	51.0	6.7	7.1	5.7	6.9	6.9
Poltava	44.2	30.1	25.5	40.0	43.4	10.0	6.9	6.0	9.4	10.2
Rivne	35.4	26.4	26.8	27.2	25.4	14.6	10.9	11.0	11.0	10.0
Sumy	45.0	35.5	30.9	36.2	38.9	11.3	9.3	8.4	10.1	10.9
Ternopil	31.5	30.5	26.9	29.4	30.6	14.8	14.0	12.4	13.0	12.6
Kharkiv	73.7	69.0	65.4	75.3	71.9	6.8	6.3	6.0	6.9	6.6
Kherson	35.5	32.1	31.8	34.0	36.9	12.0	11.0	10.9	11.7	12.6
Khmelnysk	21.9	30.2	25.1	28.1	27.0	6.6	8.6	7.1	8.2	8.0
Cherkasy	51.3	43.5	40.5	42.7	37.6	14.7	12.3	11.5	12.3	10.9
Chernivtsi	10.1	10.9	10.8	15.9	17.6	8.7	7.8	7.3	9.5	10.4
Chernihiv	38.4	34.7	30.0	35.7	34.2	11.9	10.6	9.2	11.1	10.7
Kyiv city	85.9	81.0	77.5	98.7	102.6	5.8	5.5	5.2	6.7	7.0

Table 5.10. continued

	Unemployed aged 15-70, thsd. prs.					Unemployment rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Rural areas										
Ukraine	475.1	485.6	478.2	558.2	533.3	7.2	7.5	7.3	9.5	9.4
Vinnytsia	38.4	31.2	29.5	33.0	27.8	9.5	7.9	7.3	9.2	8.0
Volyn	23.6	23.6	23.3	26.0	26.1	9.6	9.5	9.3	12.3	12.9
Dnipropetrovsk	18.1	18.0	17.7	20.0	18.5	7.0	7.3	7.2	8.8	8.1
Donetsk	19.3	21.3	25.6	29.5	31.5	9.3	10.1	12.2	16.5	22.0
Zhytomyr	23.5	23.1	24.4	25.0	23.1	8.2	8.5	9.0	10.5	10.3
Zakarpattia	26.8	30.3	22.9	25.9	29.1	7.8	8.9	6.7	7.7	8.6
Zaporizhia	10.9	12.5	13.9	15.3	17.2	5.0	6.2	6.8	8.3	9.5
Ivano-Frankivsk	18.1	18.0	19.8	20.2	22.8	5.6	5.3	5.7	6.1	6.9
Kyiv	14.2	19.3	19.8	21.9	13.5	4.6	6.4	6.4	8.3	5.1
Kirovohrad	14.7	18.5	15.3	16.0	19.5	8.5	10.9	8.8	10.5	13.3
Luhansk	8.8	10.9	10.0	20.3	14.3	5.2	6.6	6.0	14.3	11.7
Lviv	23.6	27.4	22.5	34.9	30.9	5.0	5.9	4.9	8.5	7.7
Mykolaiv	11.0	18.2	15.3	15.6	15.3	5.5	9.7	8.1	8.7	8.4
Odesa	18.1	11.4	16.7	21.4	19.1	5.0	3.1	4.4	6.3	5.4
Poltava	25.0	31.1	32.2	38.3	37.3	9.2	11.2	11.5	14.9	15.7
Rivne	25.4	26.9	24.6	29.5	28.3	8.8	8.8	8.1	10.3	9.8
Sumy	14.2	13.5	11.9	14.4	13.9	9.1	7.2	6.3	8.3	8.4
Ternopil	19.3	17.5	19.3	23.7	23.5	7.2	6.5	7.1	9.7	10.8
Kharkiv	24.2	24.0	22.4	28.2	21.5	8.7	8.6	8.1	11.9	9.3
Kherson	10.6	13.6	12.6	15.6	13.9	4.4	5.9	5.4	7.4	6.8
Khmelnysk	33.0	23.5	24.8	25.9	29.6	10.9	8.6	9.2	11.1	13.5
Cherkasy	11.1	12.3	14.7	17.1	19.1	4.0	4.6	5.5	7.2	8.2
Chernivtsi	25.5	22.6	20.6	20.9	20.1	8.4	8.0	7.5	8.7	8.5
Chernihiv	17.7	16.9	18.4	19.6	17.4	8.3	8.5	9.4	11.3	10.5
Kyiv city	–	–	–	–	–	–	–	–	–	–

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

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Total										
Ukraine	11,945.0	11,456.9	11,270.1	12,023.0	10,925.5	36.4	35.5	35.1	37.6	37.6
Vinnitsia	436.3	421.7	412.5	435.1	428.5	36.1	35.4	34.9	37.1	36.6
Volyn	271.3	264.9	262.7	291.8	308.1	36.4	35.5	35.2	39.1	41.2
Dnipropetrovsk	895.6	854.3	826.8	843.4	836.5	35.1	34.3	33.5	34.5	34.4
Donetsk	1,235.6	1,149.7	1,130.6	1,266.3	627.0	36.3	34.8	34.6	39.1	41.7
Zhytomyr	321.2	319.4	313.7	336.2	342.1	34.1	34.4	34.0	36.6	37.5
Zakarpattia	340.0	341.9	336.7	349.4	352.4	36.9	37.0	36.5	37.8	38.1
Zaporizhia	495.9	471.7	460.7	484.4	495.6	35.7	34.8	34.4	36.4	37.5
Ivano-Frankivsk	436.4	419.0	408.4	420.6	408.9	43.0	41.3	40.2	41.4	40.2
Kyiv	475.4	470.2	466.2	485.8	483.9	36.8	36.8	36.6	38.2	38.0
Kirovohrad	284.8	266.6	259.0	281.9	279.8	37.6	36.0	35.5	39.0	39.1
Luhansk	683.2	647.2	623.8	696.7	198.2	38.4	37.5	36.7	41.3	35.3
Lviv	702.1	693.8	689.0	741.3	741.6	37.1	36.8	36.7	39.5	39.5
Mykolaiv	322.5	311.4	304.8	323.8	313.5	35.5	35.0	34.6	37.0	36.0
Odesa	703.7	666.7	660.9	697.0	687.5	38.7	37.2	37.0	39.2	38.8
Poltava	411.9	387.6	384.6	401.1	411.7	36.6	35.2	35.3	37.1	38.3
Rivne	299.5	285.6	284.6	298.8	291.6	36.0	34.4	34.3	35.9	35.0
Sumy	331.4	299.3	299.6	319.1	323.4	37.3	34.5	34.9	37.5	38.2
Ternopil	313.0	303.6	299.5	318.0	326.4	39.4	38.4	38.0	40.4	41.5
Kharkiv	771.6	718.6	715.3	749.6	752.3	36.1	34.3	34.3	36.1	36.2
Kherson	295.4	290.1	280.5	299.1	298.4	35.6	35.7	34.8	37.4	37.5
Khmelnysk	346.5	343.1	337.6	379.0	394.3	35.3	35.4	35.1	39.7	41.4
Cherkasy	339.6	329.3	321.3	346.6	346.1	35.1	34.7	34.2	37.2	37.4
Chernivtsi	248.5	247.5	244.6	260.9	264.3	37.3	37.0	36.6	39.0	39.5
Chernihiv	274.2	263.7	259.4	279.4	285.1	33.8	33.3	33.2	36.1	37.1
Kyiv city	709.4	690.0	687.3	717.7	728.3	32.5	31.8	31.6	32.9	33.3

Table 5.11. continued

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Women										
Ukraine	7,211.2	7,045.8	6,925.4	7,370.3	6,674.7	41.6	41.4	41.0	43.9	43.8
Vinnitsia	265.0	251.9	251.1	265.9	265.3	41.5	40.2	40.5	43.2	43.3
Volyn	159.8	149.7	150.9	162.6	179.8	41.2	38.7	39.0	42.0	46.3
Dnipropetrovsk	553.3	553.4	533.5	530.5	514.1	40.5	41.6	40.7	40.8	39.7
Donetsk	753.6	715.2	689.8	781.6	384.6	41.3	40.5	39.6	45.3	48.4
Zhytomyr	188.8	188.9	185.6	202.0	200.5	38.3	39.0	38.6	42.3	42.1
Zakarpattia	203.6	205.5	202.3	206.3	215.3	42.8	43.3	42.6	43.4	45.3
Zaporizhia	304.4	299.6	292.8	293.2	309.6	41.0	41.5	41.1	41.5	44.1
Ivano-Frankivsk	249.1	247.0	248.6	263.1	255.6	47.4	47.1	47.4	50.1	48.6
Kyiv	293.8	290.5	288.9	298.7	296.4	43.1	43.2	43.2	44.7	44.2
Kirovohrad	169.3	165.7	162.3	171.5	172.9	41.9	42.2	41.9	44.8	45.6
Luhansk	409.6	390.8	384.2	422.6	117.6	43.3	42.8	42.8	47.5	40.0
Lviv	405.3	408.4	404.0	444.4	445.9	41.5	42.1	41.8	46.0	46.2
Mykolaiv	201.1	194.4	194.7	207.2	194.7	41.7	41.2	41.8	44.8	42.3
Odesa	435.2	432.4	424.2	458.3	445.9	45.7	46.1	45.5	49.3	48.2
Poltava	248.7	238.5	234.8	246.4	250.6	41.7	41.0	40.8	43.2	44.2
Rivne	171.4	168.8	163.9	175.4	165.1	39.8	39.3	38.2	40.9	38.4
Sumy	195.1	171.5	170.5	194.1	195.0	41.5	37.4	37.6	43.2	43.6
Ternopil	181.5	174.8	174.4	184.5	186.4	43.7	42.5	42.5	45.1	45.6
Kharkiv	486.9	460.4	442.4	476.8	473.6	43.0	41.7	40.3	43.7	43.4
Kherson	188.3	187.1	183.4	191.6	185.1	43.0	43.7	43.4	45.7	44.3
Khmelnitsk	205.7	207.8	204.1	218.6	231.2	40.0	41.1	40.7	43.9	46.6
Cherkasy	199.8	204.2	200.3	213.5	214.9	38.9	40.7	40.3	43.4	43.9
Chernivtsi	146.7	157.7	161.8	162.4	157.0	42.0	45.1	46.4	46.6	45.0
Chernihiv	153.4	148.4	142.8	159.9	172.8	35.8	35.7	34.8	39.3	42.7
Kyiv city	441.8	433.2	434.1	439.2	444.8	37.8	37.2	37.2	37.5	37.9

Table 5.11. continued

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Men										
Ukraine	4,733.8	4,411.1	4,344.7	4,652.7	4,250.8	30.6	28.9	28.6	30.7	30.8
Vinnitsia	171.3	169.8	161.4	169.2	163.2	30.1	30.1	28.8	30.3	29.3
Volyn	111.5	115.2	111.8	129.2	128.3	31.2	32.1	31.1	35.9	35.6
Dnipropetrovsk	342.3	300.9	293.3	312.9	322.4	28.8	25.9	25.5	27.4	28.4
Donetsk	482.0	434.5	440.8	484.7	242.4	30.5	28.2	29.0	32.1	34.1
Zhytomyr	132.4	130.5	128.1	134.2	141.6	29.5	29.4	29.0	30.5	32.4
Zakarpattia	136.4	136.4	134.4	143.1	137.1	30.5	30.4	30.0	31.9	30.5
Zaporizhia	191.5	172.1	167.9	191.2	186.0	29.7	27.2	26.8	30.7	30.1
Ivano-Frankivsk	187.3	172.0	159.8	157.5	153.3	38.3	35.1	32.6	32.0	31.1
Kyiv	181.6	179.7	177.3	187.1	187.5	29.7	29.6	29.3	31.0	31.0
Kirovohrad	115.5	100.9	96.7	110.4	106.9	32.6	29.0	28.2	32.5	31.7
Luhansk	273.6	256.4	239.6	274.1	80.6	32.9	31.6	29.8	34.4	30.2
Lviv	296.8	285.4	285.0	296.9	295.7	32.4	31.2	31.3	32.6	32.5
Mykolaiv	121.4	117.0	110.1	116.6	118.8	28.5	27.9	26.5	28.2	28.9
Odesa	268.5	234.3	236.7	238.7	241.6	31.1	27.4	27.8	28.1	28.5
Poltava	163.2	149.1	149.8	154.7	161.1	30.8	28.7	29.0	30.2	31.6
Rivne	128.1	116.8	120.7	123.4	126.5	31.9	29.1	30.0	30.7	31.4
Sumy	136.3	127.8	129.1	125.0	128.4	32.7	31.2	31.9	31.1	32.1
Ternopil	131.5	128.8	125.1	133.5	140.0	34.6	33.9	33.1	35.3	37.0
Kharkiv	284.7	258.2	272.9	272.8	278.7	28.3	26.2	27.6	27.7	28.3
Kherson	107.1	103.0	97.1	107.5	113.3	27.3	26.7	25.4	28.3	30.0
Khmelnysk	140.8	135.3	133.5	160.4	163.1	30.1	29.3	29.0	35.1	35.8
Cherkasy	139.8	125.1	121.0	133.1	131.2	30.9	28.1	27.4	30.3	30.0
Chernivtsi	101.8	89.8	82.8	98.5	107.3	32.1	28.2	26.0	30.8	33.5
Chernihiv	120.8	115.3	116.6	119.5	112.3	31.6	30.8	31.4	32.5	30.8
Kyiv city	267.6	256.8	253.2	278.5	283.5	26.4	25.5	25.0	27.5	28.0

Table 5.11. continued

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Urban settlements										
Ukraine	8,769.9	8,342.1	8,261.2	8,407.1	7,277.8	38.0	36.7	36.6	37.4	36.9
Vinnitsia	258.0	247.4	254.7	237.5	223.3	41.2	39.7	41.1	38.5	36.3
Volyn	175.7	171.5	171.3	161.5	168.2	43.6	42.5	42.4	39.9	41.5
Dnipropetrovsk	753.1	708.4	683.4	685.3	681.6	35.0	33.8	32.9	33.3	33.3
Donetsk	1,130.9	1,058.4	1,042.8	1,150.7	542.7	36.6	35.2	35.2	39.1	42.5
Zhytomyr	233.2	223.6	220.7	213.3	209.0	41.1	39.8	39.4	38.3	37.7
Zakarpattia	108.9	104.1	98.4	106.3	111.8	31.4	30.1	28.5	30.9	32.6
Zaporizhia	406.8	374.5	370.2	375.4	384.3	37.7	35.5	35.4	36.2	37.3
Ivano-Frankivsk	201.2	196.2	194.4	192.1	175.0	44.3	43.2	42.8	42.2	38.4
Kyiv	303.6	306.9	312.8	286.8	288.0	37.3	37.8	38.6	35.4	35.4
Kirovohrad	179.4	168.4	168.6	175.3	169.5	37.3	35.7	36.1	37.9	36.9
Luhansk	621.8	590.9	572.8	622.5	165.6	40.2	39.3	38.6	42.3	40.8
Lviv	464.0	444.8	437.6	440.0	430.3	39.4	38.0	37.5	37.8	37.0
Mykolaiv	240.1	221.9	219.1	232.0	227.2	38.4	36.2	36.0	38.4	37.7
Odesa	484.2	453.6	462.4	464.5	464.5	39.3	37.4	38.3	38.6	38.7
Poltava	261.8	255.4	258.8	256.3	251.5	37.3	37.0	37.8	37.6	37.1
Rivne	180.0	180.7	177.1	173.1	165.8	42.6	42.8	42.1	41.3	39.6
Sumy	214.5	222.5	228.6	236.5	234.3	34.9	36.9	38.2	39.8	39.5
Ternopil	153.3	147.2	146.8	137.1	119.8	41.9	40.4	40.4	37.8	33.0
Kharkiv	641.9	602.7	602.1	598.2	596.2	37.1	35.5	35.5	35.4	35.3
Kherson	218.2	210.6	203.0	201.6	197.4	42.5	42.0	40.9	41.0	40.4
Khmelnysk	231.4	209.7	207.4	216.3	219.8	41.0	37.3	37.0	38.7	39.4
Cherkasy	212.7	200.2	197.7	198.9	197.0	37.8	36.2	36.0	36.5	36.3
Chernivtsi	176.6	155.1	147.2	130.0	129.0	60.5	52.6	49.8	43.8	43.3
Chernihiv	209.2	197.4	196.0	198.2	197.7	39.3	37.6	37.6	38.2	38.3
Kyiv city	709.4	690.0	687.3	717.7	728.3	32.5	31.8	31.6	32.9	33.3

Table 5.11. continued

	Economically inactive population aged 15-70, thsd. prs.					Economic inactivity rate, percent				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Rural areas										
Ukraine	3,175.1	3,114.8	3,008.9	3,615.9	3,647.7	32.5	32.5	31.6	38.2	39.2
Vinnytsia	178.3	174.3	157.8	197.6	205.2	30.7	30.7	28.1	35.5	37.0
Volyn	95.6	93.4	91.4	130.3	139.9	27.9	27.2	26.7	38.1	40.8
Dnipropetrovsk	142.5	145.9	143.4	158.1	154.9	35.4	37.1	36.9	41.1	40.5
Donetsk	104.7	91.3	87.8	115.6	84.3	33.6	30.1	29.5	39.3	37.1
Zhytomyr	88.0	95.8	93.0	122.9	133.1	23.5	26.1	25.6	34.1	37.1
Zakarpattya	231.1	237.8	238.3	243.1	240.6	40.2	41.2	41.2	41.9	41.4
Zaporizhia	89.1	97.2	90.5	109.0	111.3	28.9	32.5	30.6	37.2	38.2
Ivano-Frankivsk	235.2	222.8	214.0	228.5	233.9	42.0	39.8	38.2	40.7	41.6
Kyiv	171.8	163.3	153.4	199.0	195.9	35.9	35.0	33.1	43.1	42.4
Kirovohrad	105.4	98.2	90.4	106.6	110.3	37.9	36.6	34.3	41.1	42.9
Luhansk	61.4	56.3	51.0	74.2	32.6	26.7	25.4	23.4	34.4	21.0
Lviv	238.1	249.0	251.4	301.3	311.3	33.3	34.9	35.3	42.2	43.6
Mykolaiv	82.4	89.5	85.7	91.8	86.3	29.1	32.3	31.3	33.8	32.1
Odesa	219.5	213.1	198.5	232.5	223.0	37.5	36.7	34.4	40.5	38.9
Poltava	150.1	132.2	125.8	144.8	160.2	35.5	32.2	31.0	36.1	40.3
Rivne	119.5	104.9	107.5	125.7	125.8	29.2	25.6	26.2	30.5	30.4
Sumy	116.9	76.8	71.0	82.6	89.1	42.7	29.0	27.3	32.2	35.1
Ternopil	159.7	156.4	152.7	180.9	206.6	37.2	36.7	35.9	42.7	48.7
Kharkiv	129.7	115.9	113.2	151.4	156.1	31.8	29.2	28.9	39.0	40.4
Kherson	77.2	79.5	77.5	97.5	101.0	24.4	25.5	25.1	31.7	33.0
Khmelnysk	115.1	133.4	130.2	162.7	174.5	27.5	32.8	32.5	41.1	44.3
Cherkasy	126.9	129.1	123.6	147.7	149.1	31.3	32.7	31.7	38.3	38.9
Chernivtsi	71.9	92.4	97.4	130.9	135.3	19.2	24.7	26.2	35.3	36.5
Chernihiv	65.0	66.3	63.4	81.2	87.4	23.4	25.0	24.4	31.8	34.6
Kyiv city	–	–	–	–	–	–	–	–	–	–

5.12. Economically active population aged 15-70, by level of education, sex and place of residence

	Economically active population aged 15-70, thsd. prs.								Economic activity rate, in percentage to population of relevant level of education								
	Total	by level of education							Total	by level of education							
		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated	
Total																	
2010	20,894.1	5,388.2	225.4	4,283.6	...	9,381.3	1,519.9	95.7	63.6	79.2	54.9	71.9	...	61.7	39.2	16.4	
2012	20,851.2	5,811.7	200.8	4,246.4	...	9,460.3	1,089.3	42.7	64.5	79.0	51.6	70.7	...	62.8	34.9	12.0	
2013	20,824.6	5,788.6	203.8	4,332.5	...	9,466.2	994.0	39.5	64.9	78.6	49.5	71.0	...	62.9	34.6	12.8	
2014	19,920.9	6,138.1	230.1	3,997.2	5,269.4	3,849.1	421.0	16.0	62.4	78.2	52.3	67.9	70.7	47.5	21.2	6.8	
2015	18,097.9	5,717.7	226.7	3,526.7	4,747.9	3,494.5	369.7	14.7	62.4	77.9	58.4	68.4	70.7	47.2	20.6	6.5	
Woman																	
2010	10,140.3	2,885.8	128.4	2,559.7	...	3,834.2	679.8	52.4	58.4	75.9	53.3	68.3	...	53.0	33.9	16.0	
2012	9,980.0	3,095.7	111.3	2,498.4	...	3,758.1	495.1	21.4	58.6	74.6	50.6	66.4	...	53.0	30.7	11.0	
2013	9,960.0	3,062.0	97.4	2,552.4	...	3,770.7	454.3	23.2	59.0	74.0	43.3	66.9	...	53.5	30.6	13.9	
2014	9,428.3	3,267.7	116.7	2,339.4	1,779.3	1,731.6	185.7	7.9	56.1	73.6	48.4	63.4	60.5	40.1	17.9	6.3	
2015	8,564.6	3,046.8	113.7	2,068.1	1,590.2	1,577.6	160.2	8.0	56.2	73.3	55.4	63.8	60.1	40.0	17.1	7.0	
Men																	
2010	10,753.8	2,502.4	97.0	1,723.9	...	5,547.1	840.1	43.3	69.4	83.4	57.1	77.9	...	69.5	44.9	16.9	
2012	10,871.2	2,716.0	89.5	1,748.0	...	5,702.2	594.2	21.3	71.1	84.6	53.0	77.7	...	71.4	39.5	13.1	
2013	10,864.6	2,726.6	106.4	1,780.1	...	5,695.5	539.7	16.3	71.4	84.6	57.1	78.0	...	71.3	38.9	11.5	
2014	10,492.6	2,870.4	113.4	1,657.8	3,490.1	2,117.5	235.3	8.1	69.3	84.3	57.1	75.5	77.4	56.0	24.8	7.4	
2015	9,533.3	2,670.9	113.0	1,458.6	3,157.7	1,916.9	209.5	6.7	69.2	83.9	61.8	76.3	77.6	55.3	24.4	6.1	
Urban settlements																	
2010	14,311.0	4,689.2	148.0	3,302.0	...	5,620.2	532.2	19.4	62.0	78.7	48.8	69.8	...	56.8	27.8	6.8	
2012	14,369.3	5,042.6	141.4	3,198.8	...	5,593.8	377.2	15.5	63.3	78.5	47.3	68.3	...	58.5	24.3	8.1	
2013	14,312.9	5,027.5	144.6	3,252.8	...	5,542.1	331.3	14.6	63.4	78.2	47.3	68.6	...	58.2	23.4	9.4	
2014	14,070.3	5,303.1	181.7	3,000.6	3,519.4	1,899.3	161.5	4.7	62.6	77.9	51.1	66.6	69.6	41.0	16.1	4.1	
2015	12,430.4	4,899.3	166.2	2,550.6	3,004.8	1,668.3	135.3	5.9	63.1	77.7	56.7	67.2	70.0	41.1	15.8	5.5	
Rural areas																	
2010	6,583.1	699.0	77.4	981.6	...	3,761.1	987.7	76.3	67.5	82.8	72.1	80.1	...	70.7	50.3	25.5	
2012	6,481.9	769.1	59.4	1,047.6	...	3,866.5	712.1	27.2	67.5	81.8	65.9	79.1	...	70.2	45.4	16.4	
2013	6,511.7	761.1	59.2	1,079.7	...	3,924.1	662.7	24.9	68.4	82.0	55.8	79.5	...	71.2	45.4	16.1	
2014	5,850.6	835.0	48.4	996.6	1,750.0	1,949.8	259.5	11.3	61.8	80.3	57.6	72.3	73.1	56.2	26.4	9.2	
2015	5,667.5	818.4	60.5	976.1	1,743.1	1,826.2	234.4	8.8	60.8	79.2	63.8	71.9	71.8	54.6	24.9	7.5	

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

		Economically active population aged 15-64, thsd. prs.							Economic activity rate, in percentage to population of relevant level of education								
		by level of education							by level of education								
		Total	complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated	Total	complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated
Total																	
	2010	20,418.1	5,315.8	224.2	4,225.3	...	9,223.8	1,363.1	65.9	67.0	82.1	55.4	75.3	...	64.6	42.2	14.4
	2012	20,494.8	5,748.0	200.2	4,199.3	...	9,318.7	998.6	30.0	67.6	81.7	51.9	73.6	...	65.5	37.0	10.6
	2013	20,481.7	5,733.0	202.8	4,288.7	...	9,316.2	909.7	31.3	67.8	81.4	49.7	74.1	...	65.6	36.5	11.9
	2014	19,715.8	6,082.1	230.0	3,962.4	5,242.5	3,794.7	392.4	11.7	65.8	81.3	52.7	71.3	73.6	50.9	22.9	5.8
	2015	17,899.6	5,666.6	226.6	3,490.5	4,721.7	3,437.7	345.2	11.3	66.3	81.4	58.9	72.6	74.3	51.0	22.3	5.7
Woman																	
	2010	9,861.4	2,851.4	127.7	2,525.7	...	3,750.2	575.6	30.8	62.2	78.7	53.6	72.0	...	56.0	36.8	13.3
	2012	9,775.1	3,063.0	110.6	2,468.9	...	3,686.3	432.8	13.5	61.9	77.4	50.8	69.6	...	55.9	32.7	9.5
	2013	9,765.4	3,034.0	97.0	2,525.6	...	3,695.3	397.0	16.5	62.2	76.7	43.5	70.1	...	56.3	32.5	12.5
	2014	9,312.0	3,234.3	116.7	2,317.2	1,771.6	1,701.4	166.4	4.4	59.8	76.5	48.7	66.9	63.5	43.5	19.7	4.4
	2015	8,454.7	3,018.8	113.6	2,044.8	1,581.0	1,546.5	144.5	5.5	60.4	76.6	55.9	68.2	63.8	44.0	18.9	5.9
Men																	
	2010	10,556.7	2,464.4	96.5	1,699.6	...	5,473.6	787.5	35.1	72.3	86.4	57.9	80.8	...	72.1	47.4	15.5
	2012	10,719.7	2,685.0	89.6	1,730.4	...	5,632.4	565.8	16.5	73.7	87.2	53.4	80.3	...	73.8	41.2	11.6
	2013	10,716.3	2,699.0	105.8	1,763.1	...	5,620.9	512.7	14.8	73.9	87.3	57.1	80.7	...	73.6	40.4	11.3
	2014	10,403.8	2,847.8	113.3	1,645.2	3,470.9	2,093.3	226.0	7.3	72.3	87.4	57.5	78.6	80.2	58.9	26.1	7.1
	2015	9,444.9	2,647.8	113.0	1,445.7	3,140.7	1,891.2	200.7	5.8	72.6	87.6	62.2	79.8	81.1	58.6	25.7	5.5
Urban settlements																	
	2010	14,165.8	4,634.3	147.8	3,269.6	...	5,580.3	517.4	16.4	65.7	81.6	49.0	73.4	...	60.2	32.0	6.9
	2012	14,237.1	4,991.1	140.9	3,169.5	...	5,554.1	367.8	13.7	66.5	81.3	47.5	71.6	...	61.6	26.9	8.4
	2013	14,188.2	4,982.4	144.4	3,226.7	...	5,501.0	319.7	14.0	66.6	81.0	47.5	72.0	...	61.3	25.6	10.0
	2014	13,968.0	5,258.5	181.7	2,976.8	3,508.3	1,882.0	156.1	4.6	66.2	81.1	51.4	70.2	72.9	44.5	17.7	4.5
	2015	12,318.7	4,856.5	166.1	2,525.6	2,990.7	1,644.2	129.9	5.7	67.2	81.3	57.1	71.8	74.2	45.0	17.2	5.8
Rural areas																	
	2010	6,252.3	681.5	76.4	955.7	...	3,643.5	845.7	49.5	70.2	85.5	74.1	82.7	...	72.7	52.5	22.6
	2012	6,257.7	756.9	59.3	1,029.8	...	3,764.6	630.8	16.3	70.1	84.2	66.9	80.7	...	72.2	47.4	13.4
	2013	6,293.5	750.6	58.4	1,062.0	...	3,815.2	590.0	17.3	70.7	83.8	55.9	81.4	...	72.9	47.4	14.0
	2014	5,747.8	823.6	48.3	985.6	1,734.2	1,912.7	236.3	7.1	64.9	82.5	58.0	74.8	75.3	59.2	28.6	7.0
	2015	5,580.9	810.1	60.5	964.9	1,731.0	1,793.5	215.3	5.6	64.4	81.7	64.4	74.9	74.6	58.1	27.3	5.6

5.14. Employed population aged 15-70, by level of education, sex and place of residence

		Employed aged 15-70, thsd. prs							Employment rate, in percentage to population of relevant level of education								
		Total	by level of education						Total	by level of education							
			complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary		primary education or not educated	complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated
Total																	
	2010	19,180.2	5,017.1	194.0	3,964.5	...	8,513.8	1,395.2	95.6	58.4	73.8	47.2	66.5	...	56.0	36.0	16.4
	2012	19,261.4	5,392.4	175.5	3,970.3	...	8,663.5	1,019.8	39.9	59.6	73.3	45.1	66.1	...	57.5	32.7	11.2
	2013	19,314.2	5,401.8	181.3	4,025.5	...	8,742.1	925.4	38.1	60.2	73.4	44.1	66.0	...	58.1	32.2	12.3
	2014	18,073.3	5,661.7	192.7	3,672.2	4,716.5	3,451.8	363.9	14.5	56.6	72.1	43.8	62.4	63.3	42.6	18.3	6.1
	2015	16,443.2	5,272.3	191.3	3,227.5	4,253.7	3,160.4	324.5	13.5	56.7	71.9	49.3	62.6	63.3	42.7	18.1	6.0
Woman																	
	2010	9,442.0	2,698.6	108.8	2,395.0	...	3,545.3	642.0	52.3	54.4	71.0	45.2	63.9	...	49.0	32.1	16.0
	2012	9,335.2	2,894.3	96.3	2,361.5	...	3,488.8	473.5	20.8	54.8	69.7	43.8	62.8	...	49.2	29.3	10.7
	2013	9,329.5	2,866.4	88.9	2,388.4	...	3,536.6	426.3	22.9	55.3	69.3	39.5	62.6	...	50.2	28.7	13.7
	2014	8,718.9	3,037.9	105.5	2,196.0	1,610.3	1,589.1	172.9	7.2	51.9	68.4	43.8	59.5	54.7	36.8	16.6	5.7
	2015	7,872.4	2,805.1	96.6	1,926.5	1,424.0	1,465.6	147.3	7.3	51.7	67.5	47.1	59.4	53.8	37.2	15.7	6.3
Men																	
	2010	9,738.2	2,318.5	85.2	1,569.5	...	4,968.5	753.2	43.3	62.9	77.3	50.2	70.9	...	62.3	40.2	16.9
	2012	9,926.2	2,498.1	79.2	1,608.8	...	5,174.7	546.3	19.1	65.0	77.8	46.9	71.5	...	64.8	36.3	11.7
	2013	9,984.7	2,535.4	92.4	1,637.1	...	5,205.5	499.1	15.2	65.6	78.7	49.6	71.7	...	65.2	36.0	10.7
	2014	9,354.4	2,623.8	87.2	1,476.2	3,106.2	1,862.7	191.0	7.3	61.8	77.0	43.9	67.2	68.9	49.3	20.1	6.7
	2015	8,570.8	2,467.2	94.7	1,301.0	2,829.7	1,694.8	177.2	6.2	62.2	77.5	51.8	68.0	69.5	48.9	20.6	5.6
Urban settlements																	
	2010	13,072.2	4,355.1	124.3	3,049.6	...	5,051.9	471.9	19.4	56.6	73.1	41.0	64.4	...	51.1	24.7	6.8
	2012	13,265.1	4,677.4	123.6	2,999.1	...	5,105.7	346.6	12.7	58.4	72.8	41.4	64.0	...	53.4	22.3	6.7
	2013	13,280.7	4,698.9	129.8	3,017.1	...	5,121.4	300.0	13.5	58.8	73.1	42.5	63.6	...	53.8	21.2	8.7
	2014	12,780.9	4,896.6	153.1	2,758.2	3,156.2	1,679.8	132.3	4.7	56.9	71.9	43.1	61.2	62.4	36.3	13.2	4.1
	2015	11,309.0	4,514.0	141.3	2,337.2	2,697.7	1,495.0	118.1	5.7	57.4	71.6	48.2	61.5	62.9	36.8	13.8	5.3
Rural areas																	
	2010	6,108.0	662.0	69.7	914.9	...	3,461.9	923.3	76.2	62.6	78.4	65.0	74.7	...	65.1	47.0	25.4
	2012	5,996.3	715.0	51.9	971.2	...	3,557.8	673.2	27.2	62.5	76.1	57.6	73.3	...	64.6	43.0	16.4
	2013	6,033.5	702.9	51.5	1,008.4	...	3,620.7	625.4	24.6	63.4	75.7	48.5	74.2	...	65.7	42.9	15.9
	2014	5,292.4	765.1	39.6	914.0	1,560.3	1,772.0	231.6	9.8	55.9	73.6	47.1	66.3	65.2	51.1	23.6	8.0
	2015	5,134.2	758.3	50.0	890.3	1,556.0	1,665.4	206.4	7.8	55.1	73.4	52.7	65.6	64.1	49.8	22.0	6.6

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

		Employed aged 15-64, thsd. prs								Employment rate, in percentage to population of relevant level of education							
		by level of education								by level of education							
		Total	complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated	Total	complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated
Total																	
	2010	18,704.2	4,944.7	192.8	3,906.2	...	8,356.3	1,238.4	65.8	61.4	76.3	47.6	69.6	...	58.5	38.4	14.4
	2012	18,905.0	5,328.7	174.9	3,923.1	...	8,521.9	929.2	27.2	62.3	75.7	45.4	68.8	...	59.9	34.4	9.6
	2013	18,971.3	5,346.2	180.3	3,981.7	...	8,592.1	841.1	29.9	62.8	75.9	44.2	68.8	...	60.5	33.8	11.3
	2014	17,868.4	5,605.7	192.7	3,637.5	4,689.6	3,397.4	335.3	10.2	59.6	74.9	44.1	65.5	65.9	45.5	19.6	5.0
	2015	16,245.4	5,221.6	191.2	3,191.3	4,227.5	3,103.7	300.0	10.1	60.2	75.0	49.7	66.4	66.6	46.0	19.4	5.1
Woman																	
	2010	9,163.1	2,664.2	108.0	2,361.0	...	3,461.3	537.9	30.7	57.8	73.5	45.3	67.3	...	51.7	34.3	13.2
	2012	9,130.3	2,861.6	95.6	2,332.0	...	3,417.0	411.2	12.9	57.8	72.3	43.9	65.7	...	51.8	31.0	9.1
	2013	9,134.9	2,838.4	88.5	2,361.7	...	3,461.1	369.0	16.2	58.2	71.7	39.7	65.6	...	52.7	30.2	12.2
	2014	8,602.7	3,004.5	105.5	2,173.9	1,602.6	1,558.9	153.6	3.7	55.2	71.1	44.0	62.8	57.4	39.9	18.2	3.7
	2015	7,762.6	2,777.1	96.5	1,903.2	1,414.8	1,434.6	131.6	4.8	55.5	70.5	47.5	63.5	57.1	40.8	17.2	5.1
Men																	
	2010	9,541.1	2,280.5	84.8	1,545.2	...	4,895.0	700.5	35.1	65.3	79.9	50.9	73.5	...	64.5	42.2	15.5
	2012	9,774.7	2,467.1	79.3	1,591.1	...	5,104.9	518.0	14.3	67.2	80.1	47.2	73.9	...	66.9	37.7	10.1
	2013	9,836.4	2,507.8	91.8	1,620.0	...	5,131.0	472.1	13.7	67.8	81.1	49.6	74.2	...	67.2	37.2	10.4
	2014	9,265.7	2,601.2	87.2	1,463.6	3,087.0	1,838.5	181.7	6.5	64.4	79.9	44.3	69.9	71.4	51.7	21.0	6.3
	2015	8,482.8	2,444.5	94.7	1,288.1	2,812.7	1,669.1	168.4	5.3	65.2	80.9	52.1	71.1	72.6	51.7	21.5	5.0
Urban settlements																	
	2010	12,927.0	4,300.2	124.1	3,017.2	...	5,012.0	457.1	16.4	59.9	75.7	41.1	67.7	...	54.0	28.3	6.9
	2012	13,132.9	4,625.9	123.1	2,969.8	...	5,066.0	337.2	10.9	61.3	75.4	41.5	67.1	...	56.2	24.7	6.7
	2013	13,156.0	4,653.7	129.5	2,991.0	...	5,080.5	288.4	12.9	61.8	75.7	42.6	66.7	...	56.6	23.1	9.2
	2014	12,678.7	4,852.0	153.1	2,734.5	3,145.1	1,662.5	126.9	4.6	60.1	74.8	43.3	64.5	65.3	39.3	14.4	4.5
	2015	11,197.8	4,471.6	141.2	2,312.2	2,683.6	1,471.0	112.7	5.5	61.1	74.9	48.6	65.7	66.5	40.2	14.9	5.6
Rural areas																	
	2010	5,777.2	644.5	68.7	889.0	...	3,344.3	781.3	49.4	64.9	80.8	66.6	76.9	...	66.7	48.5	22.6
	2012	5,772.1	702.8	51.8	953.3	...	3,455.9	592.0	16.3	64.6	78.1	58.4	74.7	...	66.3	44.5	13.4
	2013	5,815.3	692.5	50.8	990.7	...	3,511.6	552.7	17.0	65.3	77.3	48.7	75.9	...	67.1	44.4	13.7
	2014	5,189.7	753.7	39.6	903.0	1,544.5	1,734.9	208.4	5.6	58.6	75.5	47.5	68.5	67.1	53.7	25.2	5.5
	2015	5,047.6	750.0	50.0	879.1	1,543.9	1,632.7	187.3	4.6	58.2	75.6	53.2	68.2	66.6	52.9	23.7	4.6

5.16. Unemployed population aged 15-70, by level of education, sex and place of residence

	Unemployed aged 15-70, thsd. prs								Unemployment rate, in percentage to population of relevant level of education								
	Total	by level of education							Total	by level of education							
		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated	
Total																	
2010	1,713.9	371.1	31.4	319.1	...	867.5	124.7	:	8.2	6.9	13.9	7.4	...	9.2	8.2	:	
2012	1,589.8	419.3	25.3	276.1	...	796.8	69.5	:	7.6	7.2	12.6	6.5	...	8.4	6.4	:	
2013	1,510.4	386.8	22.5	307.0	...	724.1	68.6	:	7.3	6.7	11.0	7.1	...	7.6	6.9	:	
2014	1,847.6	476.4	37.4	325.0	552.9	397.3	57.1	:	9.3	7.8	16.3	8.1	10.5	10.3	13.6	:	
2015	1,654.7	445.4	35.4	299.2	494.2	334.1	45.2	:	9.1	7.8	15.6	8.5	10.4	9.6	12.2	:	
Woman																	
2010	698.3	187.2	19.6	164.7	...	288.9	37.8	:	6.9	6.5	15.3	6.4	...	7.5	5.6	:	
2012	644.8	201.4	15.0	136.9	...	269.3	21.6	:	6.5	6.5	13.5	5.5	...	7.2	4.4	:	
2013	630.5	195.6	8.5	164.0	...	234.1	28.0	:	6.3	6.4	8.7	6.4	...	6.2	6.2	:	
2014	709.4	229.8	11.2	143.4	169.0	142.5	12.8	:	7.5	7.0	9.6	6.1	9.5	8.2	6.9	:	
2015	692.2	241.7	17.1	141.6	166.2	112.0	12.9	:	8.1	7.9	15.0	6.8	10.5	7.1	8.1	:	
Men																	
2010	1,015.6	183.9	11.8	154.4	...	578.6	86.9	:	9.4	7.3	12.2	9.0	...	10.4	10.3	:	
2012	945.0	217.9	10.3	139.2	...	527.5	47.9	:	8.7	8.0	11.5	8.0	...	9.3	8.1	:	
2013	879.9	191.2	14.0	143.0	...	490.0	40.6	:	8.1	7.0	13.2	8.0	...	8.6	7.5	:	
2014	1,138.2	246.6	26.2	181.6	383.9	254.8	44.3	:	10.8	8.6	23.1	11.0	11.0	12.0	18.8	:	
2015	962.5	203.7	18.3	157.6	328.0	222.1	32.3	:	10.1	7.6	16.2	10.8	10.4	11.6	15.4	:	
Urban settlements																	
2010	1,238.8	334.1	23.7	252.4	...	568.3	60.3	:	8.7	7.1	16.0	7.6	...	10.1	11.3	:	
2012	1,104.2	365.2	17.8	199.7	...	488.1	30.6	:	7.7	7.2	12.6	6.2	...	8.7	8.1	:	
2013	1,032.2	328.6	14.8	235.7	...	420.7	31.3	:	7.2	6.5	10.2	7.2	...	7.6	9.4	:	
2014	1,289.4	406.5	28.6	242.4	363.2	219.5	29.2	:	9.2	7.7	15.7	8.1	10.3	11.6	18.1	:	
2015	1,121.4	385.3	24.9	213.4	307.1	173.3	17.2	:	9.0	7.9	15.0	8.4	10.2	10.4	12.7	:	
Rural areas																	
2010	475.1	37.0	7.7	66.7	...	299.2	64.4	:	7.2	5.3	9.9	6.8	...	8.0	6.5	:	
2012	485.6	54.1	7.5	76.4	...	308.7	38.9	:	7.5	7.0	12.6	7.3	...	8.0	5.5	:	
2013	478.2	58.2	7.7	71.3	...	303.4	37.3	:	7.3	7.6	13.0	6.6	...	7.7	5.6	:	
2014	558.2	69.9	8.8	82.6	189.7	177.8	27.9	:	9.5	8.4	18.2	8.3	10.8	9.1	10.8	:	
2015	533.3	60.1	10.5	85.8	187.1	160.8	28.0	:	9.4	7.3	17.4	8.8	10.7	8.8	11.9	:	

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

	Unemployed aged 15-64, thsd. prs								Unemployment rate, in in percentage to population of relevant level of education								
	Total	by level of education							Total	by level of education							
		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated		complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated	
Total																	
2010	1,713.9	371.1	31.4	319.1	...	867.5	124.7	:	8.4	7.0	14.0	7.6	...	9.4	9.1	:	
2012	1,589.8	419.3	25.3	276.2	...	796.8	69.4	:	7.8	7.3	12.6	6.6	...	8.6	6.9	:	
2013	1,510.4	386.8	22.5	307.0	...	724.1	68.6	:	7.4	6.7	11.1	7.2	...	7.8	7.5	:	
2014	1,847.4	476.4	37.3	324.9	552.9	397.3	57.1	:	9.4	7.8	16.2	8.2	10.5	10.5	14.6	:	
2015	1,654.2	445.0	35.4	299.2	494.2	334.0	45.2	:	9.2	7.9	15.6	8.6	10.5	9.7	13.1	:	
Woman																	
2010	698.3	187.2	19.7	164.7	...	288.9	37.7	:	7.1	6.6	15.4	6.5	...	7.7	6.5	:	
2012	644.8	201.4	15.0	136.9	...	269.3	21.6	:	6.6	6.6	13.6	5.5	...	7.3	5.0	:	
2013	630.5	195.6	8.5	163.9	...	234.2	28.0	:	6.5	6.4	8.8	6.5	...	6.3	7.1	:	
2014	709.3	229.8	11.2	143.3	169.0	142.5	12.8	:	7.6	7.1	9.6	6.2	9.5	8.4	7.7	:	
2015	692.1	241.7	17.1	141.6	166.2	111.9	12.9	:	8.2	8.0	15.1	6.9	10.5	7.2	8.9	:	
Men																	
2010	1,015.6	183.9	11.7	154.4	...	578.6	87.0	:	9.6	7.5	12.1	9.1	...	10.6	11.0	:	
2012	945.0	217.9	10.3	139.3	...	527.5	47.8	:	8.8	8.1	11.5	8.1	...	9.4	8.4	:	
2013	879.9	191.2	14.0	143.1	...	489.9	40.6	:	8.2	7.1	13.2	8.1	...	8.7	7.9	:	
2014	1,138.1	246.6	26.1	181.6	383.9	254.8	44.3	:	10.9	8.7	23.0	11.0	11.1	12.2	19.6	:	
2015	962.1	203.3	18.3	157.6	328.0	222.1	32.3	:	10.2	7.7	16.2	10.9	10.4	11.7	16.1	:	
Urban settlements																	
2010	1,238.8	334.1	23.7	252.4	...	568.3	60.3	:	8.7	7.2	16.0	7.7	...	10.2	11.7	:	
2012	1,104.2	365.2	17.8	199.7	...	488.1	30.6	:	7.8	7.3	12.6	6.3	...	8.8	8.3	:	
2013	1,032.2	328.7	14.9	235.7	...	420.5	31.3	:	7.3	6.6	10.3	7.3	...	7.6	9.8	:	
2014	1,289.3	406.5	28.6	242.3	363.2	219.5	29.2	:	9.2	7.7	15.7	8.1	10.4	11.7	18.7	:	
2015	1,120.9	384.9	24.9	213.4	307.1	173.2	17.2	:	9.1	7.9	15.0	8.4	10.3	10.5	13.2	:	
Rural areas																	
2010	475.1	37.0	7.7	66.7	...	299.2	64.4	:	7.6	5.4	10.1	7.0	...	8.2	7.6	:	
2012	485.6	54.1	7.5	76.5	...	308.7	38.8	:	7.8	7.1	12.6	7.4	...	8.2	6.2	:	
2013	478.2	58.1	7.6	71.3	...	303.6	37.3	:	7.6	7.7	13.0	6.7	...	8.0	6.3	:	
2014	558.1	69.9	8.7	82.6	189.7	177.8	27.9	:	9.7	8.5	18.0	8.4	10.9	9.3	11.8	:	
2015	533.3	60.1	10.5	85.8	187.1	160.8	28.0	:	9.6	7.4	17.4	8.9	10.8	9.0	13.0	:	

5.18. Economically inactive population aged 15-70, by level of education, sex and place of residence

		Economically inactive population aged 15-70, thsd. prs							Economically inactive rate, in percentage to population of relevant level of education								
		by level of education							by level of education								
		Total	complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated	Total	complete higher	basic higher	uncompleted higher	vocational	complete secondary	basic secondary	primary education or not educated
Total																	
	2010	11,945.0	1,410.8	185.3	1,674.4	...	5,831.3	2,355.9	487.3	36.4	20.8	45.1	28.1	...	38.3	60.8	83.6
	2012	11,456.9	1,548.6	188.0	1,763.3	...	5,612.2	2,030.6	314.2	35.5	21.0	48.4	29.3	...	37.2	65.1	88.0
	2013	11,270.1	1,571.5	207.7	1,768.9	...	5,573.5	1,878.5	270.0	35.1	21.4	50.5	29.0	...	37.1	65.4	87.2
	2014	12,023.0	1,711.0	209.5	1,888.6	2,178.7	4,248.5	1,566.9	219.8	37.6	21.8	47.7	32.1	29.3	52.5	78.8	93.2
	2015	10,925.5	1,619.0	161.5	1,627.9	1,968.0	3,911.6	1,426.6	210.9	37.6	22.1	41.6	31.6	29.3	52.8	79.4	93.5
Woman																	
	2010	7,211.2	914.3	112.5	1,185.7	...	3,401.1	1,323.0	274.6	41.6	24.1	46.7	31.7	...	47.0	66.1	84.0
	2012	7,045.8	1,054.5	108.6	1,262.6	...	3,327.9	1,119.7	172.5	41.4	25.4	49.4	33.6	...	47.0	69.3	89.0
	2013	6,925.4	1,076.5	127.8	1,265.7	...	3,280.3	1,031.0	144.1	41.0	26.0	56.7	33.1	...	46.5	69.4	86.1
	2014	7,370.3	1,174.9	124.2	1,351.2	1,162.4	2,585.8	853.6	118.2	43.9	26.4	51.6	36.6	39.5	59.9	82.1	93.7
	2015	6,674.7	1,107.7	91.6	1,174.3	1,056.0	2,362.1	776.0	107.0	43.8	26.7	44.6	36.2	39.9	60.0	82.9	93.0
Men																	
	2010	4,733.8	496.5	72.8	488.7	...	2,430.2	1,032.9	212.7	30.6	16.6	42.9	22.1	...	30.5	55.1	83.1
	2012	4,411.1	494.1	79.4	500.7	...	2,284.3	910.9	141.7	28.9	15.4	47.0	22.3	...	28.6	60.5	86.9
	2013	4,344.7	495.0	79.9	503.2	...	2,293.2	847.5	125.9	28.6	15.4	42.9	22.0	...	28.7	61.1	88.5
	2014	4,652.7	536.1	85.3	537.4	1,016.3	1,662.7	713.3	101.6	30.7	15.7	42.9	24.5	22.6	44.0	75.2	92.6
	2015	4,250.8	511.3	69.9	453.6	912.0	1,549.5	650.6	103.9	30.8	16.1	38.2	23.7	22.4	44.7	75.6	93.9
Urban settlements																	
	2010	8,769.9	1,265.5	155.4	1,430.7	...	4,273.9	1,380.5	263.9	38.0	21.3	51.2	30.2	...	43.2	72.2	93.2
	2012	8,342.1	1,378.0	157.3	1,485.9	...	3,969.9	1,175.7	175.3	36.7	21.5	52.7	31.7	...	41.5	75.7	91.9
	2013	8,261.2	1,404.2	160.8	1,490.0	...	3,982.7	1,082.9	140.6	36.6	21.8	52.7	31.4	...	41.8	76.6	90.6
	2014	8,407.1	1,506.3	173.9	1,506.6	1,536.1	2,731.3	844.3	108.6	37.4	22.1	48.9	33.4	30.4	59.0	83.9	95.9
	2015	7,277.8	1,404.5	127.1	1,246.8	1,284.8	2,392.0	721.0	101.6	36.9	22.3	43.3	32.8	30.0	58.9	84.2	94.5
Rural areas																	
	2010	3,175.1	145.3	29.9	243.7	...	1,557.4	975.4	223.4	32.5	17.2	27.9	19.9	...	29.3	49.7	74.5
	2012	3,114.8	170.6	30.7	277.4	...	1,642.3	854.9	138.9	32.5	18.2	34.1	20.9	...	29.8	54.6	83.6
	2013	3,008.9	167.3	46.9	278.9	...	1,590.8	795.6	129.4	31.6	18.0	44.2	20.5	...	28.8	54.6	83.9
	2014	3,615.9	204.7	35.6	382.0	642.6	1,517.2	722.6	111.2	38.2	19.7	42.4	27.7	26.9	43.8	73.6	90.8
	2015	3,647.7	214.5	34.4	381.1	683.2	1,519.6	705.6	109.3	39.2	20.8	36.2	28.1	28.2	45.4	75.1	92.5

5.19. Employed population, by type of economic activity

(thsd. prs.)

	2012		2013		2014		2015	
	Total	including employees of enterprizes, establishments and organizations	Total	including employees of enterprizes, establishments and organizations	Total	including employees of enterprizes, establishments and organizations	Total	including employees of enterprizes, establishments and organizations
Employed total¹	19,261.4	11,601.5	19,314.2	11,145.4	18,073.3	10,565.2	16,443.2	9,501.1
Agriculture, hunting and forestry. Fishing	3,308.5	709.4	3,389.0	633.7	3,091.4	607.5	2,870.6	568.5
Industry	3,236.7	2,855.0	3,170.0	2,736.6	2,898.2	2,501.4	2,573.9	2,171.6
Construction	836.4	397.6	841.1	362.6	746.4	305.5	642.1	248.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	4,160.2	1,181.9	4,269.5	1,116.2	3,965.7	1,027.9	3,510.7	887.0
Transportation and storage	1,150.9	828.9	1,163.6	813.5	1,113.4	785.2	998.0	704.5
Accommodation and food service activities	326.7	119.7	328.9	117.6	309.1	107.9	277.3	94.3
Information and communication	297.9	208.5	299.9	210.6	284.8	196.9	272.9	170.4
Financial and insurance activities	315.8	307.4	306.2	295.0	286.8	276.8	243.6	223.2
Real estate activities	322.2	215.9	314.3	192.2	286.1	174.2	268.3	156.2
Professional, scientific and technical activities	504.1	410.0	493.6	393.9	456.0	364.5	422.9	317.8
Administrative and support service activities	343.9	288.6	343.3	285.3	334.3	284.8	298.6	248.8
Public administration and defence, compulsory social security	1,003.6 ²	1,003.6 ²	962.3	962.3	959.5 ²	959.5 ²	974.5 ²	974.5 ²
Education	1,633.2	1,617.4	1,611.2	1,590.5	1,587.7	1,569.2	1,496.5	1,478.3
Human health and social work activities	1,181.4	1,154.0	1,171.8	1,142.8	1,150.5	1,125.4	1,040.7	1,007.9
Arts, entertainment and recreation	225.6	195.9	226.5	189.5	221.2	189.0	207.9	174.2
Other types of economic activity	414.3	107.8	423.0	103.1	382.2	89.5	344.7	75.8

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.

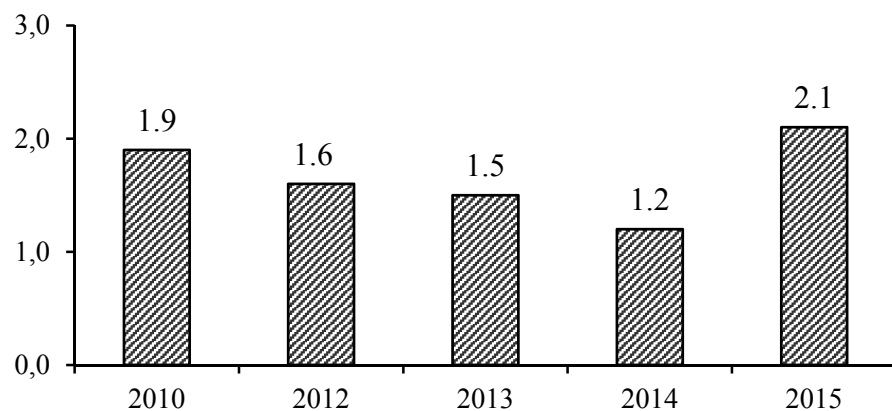
² Including a number of temporary employees, who were involved in the preparation and holding of elections: in 2012 - to the Verkhovna Rada of Ukraine; in 2014 - of the President of Ukraine and to the Verkhovna Rada of Ukraine, in 2015 – elections deputies of local councils and village, town and city heads

5.20. Unemployed population, by duration of job searching

	Unemployed population aged 15-70, total, thsd. prs	Of them, searching for job, tried to establish own business		by duration of job searching						Average duration of job searching, months
				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						
2010	1,713.9	1,648.4	96.2	9.8	24.1	21.6	11.0	9.4	24.1	7
2012	1,589.8	1,542.4	97.0	11.9	25.9	22.4	10.6	7.1	22.1	6
2013	1,510.4	1,473.7	97.6	11.0	26.9	23.8	10.4	6.4	21.5	6
2014	1,847.6	1,801.6	97.5	13.4	31.7	25.1	10.2	6.8	12.8	5
2015	1,654.7	1,617.4	97.7	10.5	23.3	23.9	11.0	7.3	24.0	7

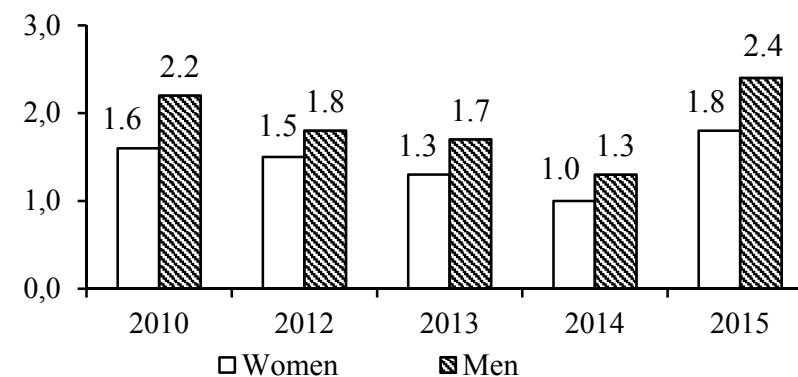
5.21. Long-term unemployment rate of population aged 15-70 in 2010-2015

in % to economic active population of relevant age



5.22. Long-term unemployment rate of population aged 15-70, by sex in 2010-2015

in % to economic active population of relevant age and sex



5.23. Population, by reasons of economic inactivity, sex and place of residence

	Economic inactive population, total, thsd. prs	by reasons												
		pensioners	pupils, students	perform home (family) duties	by state of health	discouraged	dependents	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	other	
Total														
2010	11,945.0	5,842.8	3,071.0	2,071.5	209.2	172.7	253.3	36.5	71.2	57.8	17.6	9.6	131.8	
2012	11,456.9	5,764.1	2,822.3	2,182.6	139.7	108.4	159.1	33.9	70.7	24.0	9.0	6.5	136.6	
2013	11,270.1	5,746.0	2,788.4	2,120.4	116.1	95.9	160.6	21.5	63.8	16.7	9.4	4.7	126.6	
2014	12,023.0	6,412.2	2,587.3	2,241.8	148.1	148.2	164.7	41.2	86.6	34.9	27.4	9.2	121.4	
2015	10,925.5	5,818.9	2,434.0	2,067.2	130.5	106.3	95.9	31.6	81.9	24.6	15.0	5.8	113.8	
Woman														
2010	7,211.2	3,595.0	1,552.7	1,687.6	79.1	68.3	141.1	12.2	26.7	9.3	4.8	4.7	29.7	
2012	7,045.8	3,545.8	1,416.9	1,786.6	54.6	48.0	102.1	12.9	31.0	5.1	3.0	3.4	36.4	
2013	6,925.4	3,500.6	1,372.8	1,781.1	47.7	41.0	104.2	9.0	27.9	3.0	3.9	2.2	32.0	
2014	7,370.3	3,854.3	1,270.1	1,883.1	63.0	73.3	114.4	18.7	37.7	7.6	15.3	4.4	28.4	
2015	6,674.7	3,535.8	1,194.7	1,700.1	53.9	47.2	52.6	14.0	35.7	5.2	5.4	1.9	28.2	
Men														
2010	4,733.8	2,247.8	1,518.3	383.9	130.1	104.4	112.2	24.3	44.5	48.5	12.8	4.9	102.1	
2012	4,411.1	2,218.3	1,405.4	396.0	85.1	60.4	57.0	21.0	39.7	18.9	6.0	3.1	100.2	
2013	4,344.7	2,245.4	1,415.6	339.3	68.4	54.9	56.4	12.5	35.9	13.7	5.5	2.5	94.6	
2014	4,652.7	2,557.9	1,317.2	358.7	85.1	74.9	50.3	22.5	48.9	27.3	12.1	4.8	93.0	
2015	4,250.8	2,283.1	1,239.3	367.1	76.6	59.1	43.3	17.6	46.2	19.4	9.6	3.9	85.6	
Urban settlements														
2010	8,769.9	4,410.9	2,330.2	1,419.2	145.0	94.0	213.0	15.8	32.2	14.8	12.5	6.7	75.6	
2012	8,342.1	4,336.1	2,082.7	1,507.4	98.4	50.8	138.0	13.9	30.9	6.2	5.3	4.9	67.5	
2013	8,261.2	4,377.2	2,041.8	1,459.2	71.9	42.0	143.4	7.2	29.3	8.2	6.4	3.8	70.8	
2014	8,407.1	4,652.7	1,856.6	1,434.9	87.3	89.9	125.0	17.1	33.4	13.3	20.1	6.0	70.8	
2015	7,277.8	4,005.6	1,699.0	1,253.2	78.4	53.6	60.4	10.6	32.6	6.1	10.3	4.7	63.3	
Rural areas														
2010	3,175.1	1,431.9	740.8	652.3	64.2	78.7	40.3	20.7	39.0	43.0	5.1	2.9	56.2	
2012	3,114.8	1,428.0	739.6	675.2	41.3	57.6	21.1	20.0	39.8	17.8	3.7	1.6	69.1	
2013	3,008.9	1,368.8	746.6	661.2	44.2	53.9	17.2	14.3	34.5	8.5	3.0	0.9	55.8	
2014	3,615.9	1,759.5	730.7	806.9	60.8	58.3	39.7	24.1	53.2	21.6	7.3	3.2	50.6	
2015	3,647.7	1,813.3	735.0	814.0	52.1	52.7	35.5	21.0	49.3	18.5	4.7	1.1	50.5	

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)

	2010	2012	2013	2014	2015
Total					
Ukraine	58.4	59.6	60.2	56.6	56.7
EU (28 countries)	51.9	51.6	51.3	51.7	52.1
Austria	57.5	57.8	57.7	57.3	57.2
Belgium	49.6	49.2	49.0	48.9	48.8
Bulgaria	47.9	46.6	46.9	48.0	49.1
Greece	46.7	39.5	37.7	38.1	39.0
Denmark	59.6	58.4	58.0	58.1	58.4
Estonia	50.4	55.2	56.0	56.6	58.3
Ireland	52.3	51.1	52.4	53.2	54.4
Spain	47.8	44.9	43.9	44.5	45.9
Italy	44.2	43.9	42.9	42.8	43.1
Cyprus	60.2	55.9	53.3	53.5	53.0
Latvia	47.4	50.7	52.4	52.8	54.1
Lithuania	46.7	50.0	51.2	52.6	53.8
Luxembourg	55.2	55.7	55.9	56.6	56.0
Malta	47.3	48.8	49.8	50.9	51.5
Netherlands	62.2	61.2	60.2	59.6	60.0
Germany	55.2	56.8	57.2	57.4	57.4
Poland	50.0	50.2	50.2	51.2	51.9
Portugal	54.6	50.8	49.7	50.7	51.3
Romania	51.1	50.9	50.7	51.1	50.8
Slovak Republic	50.5	50.9	50.9	51.5	52.8
Slovenia	54.9	52.5	51.5	52.1	52.2
United Kingdom	57.5	57.5	57.9	58.8	59.4
Hungary	44.7	46.0	46.9	49.5	51.0
Finland	54.9	55.2	54.3	53.8	53.4
France	51.5	51.2	50.9	50.5	50.3
Croatia	46.5	43.2	42.1	43.3	44.1
Czech Republic	54.2	54.5	55.2	55.7	56.4
Sweden	57.8	58.8	59.1	59.6	60.0

Table 6.1. continued

(in percentage to the population of relevant age)

	Women					Men				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Ukraine	54.4	54.8	55.3	51.9	51.7	62.9	65.0	65.6	61.8	62.2
EU (28 countries)	45.6	45.6	45.6	46.0	46.4	58.6	57.9	57.5	57.9	58.3
Austria	51.6	52.4	52.4	52.3	52.4	63.8	63.6	63.3	62.6	62.4
Belgium	43.6	43.6	43.9	44.3	44.3	55.9	55.2	54.5	53.9	53.5
Bulgaria	43.2	42.6	42.8	43.6	44.5	53.0	50.8	51.4	52.7	54.1
Greece	36.9	31.6	30.0	30.8	31.8	57.2	48.1	46.0	45.9	46.8
Denmark	55.9	54.6	54.3	54.1	54.1	63.3	62.3	61.8	62.2	62.8
Estonia	47.3	50.4	50.9	50.9	52.5	54.0	60.9	62.2	63.5	65.1
Ireland	47.8	46.8	47.3	47.7	48.6	57.0	55.6	57.6	58.9	60.4
Spain	41.6	40.1	39.1	39.6	40.6	54.2	50.0	48.8	49.7	51.4
Italy	34.5	35.0	34.5	34.6	34.7	54.7	53.4	51.9	51.7	52.2
Cyprus	54.1	50.6	48.4	49.8	49.2	67.0	61.8	58.6	57.6	57.2
Latvia	45.1	46.8	48.0	48.2	49.4	50.2	55.7	57.8	58.6	59.9
Lithuania	44.9	47.0	47.4	48.9	50.0	48.9	53.6	55.8	57.1	58.3
Luxembourg	47.2	48.8	49.1	50.4	50.6	63.3	62.7	62.7	62.8	61.4
Malta	32.3	35.3	37.3	39.0	39.9	62.5	62.5	62.3	62.8	63.2
Netherlands	56.3	55.6	54.9	53.9	54.5	68.3	67.0	65.7	65.5	65.6
Germany	49.6	51.2	51.9	52.2	52.4	61.2	62.7	62.8	62.8	62.6
Poland	42.8	42.9	42.8	43.8	44.7	57.8	58.2	58.2	59.2	59.8
Portugal	49.2	46.2	45.3	46.1	46.9	60.7	56.0	54.7	55.8	56.3
Romania	43.3	43.4	43.1	43.3	42.6	59.4	58.9	58.8	59.5	59.6
Slovak Republic	43.4	43.3	43.6	44.1	45.3	58.2	59.1	58.6	59.5	60.9
Slovenia	49.5	47.3	46.0	46.7	46.7	60.4	57.8	57.1	57.7	57.8
United Kingdom	52.2	52.2	52.8	53.7	54.2	63.1	63.1	63.3	64.2	64.8
Hungary	39.1	40.2	40.6	42.8	44.0	51.1	52.5	54.0	57.2	58.9
Finland	51.7	52.0	51.4	51.1	50.7	58.3	58.5	57.4	56.8	56.3
France	46.8	46.7	46.7	46.6	46.5	56.6	56.0	55.4	54.7	54.3
Croatia	40.5	37.4	37.1	37.9	38.9	53.1	49.5	47.5	49.2	49.9
Czech Republic	45.1	45.9	46.7	47.1	48.1	63.7	63.6	64.1	64.7	65.1
Sweden	53.9	55.4	55.7	56.2	56.8	61.8	62.3	62.6	63.0	63.2

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

(in percentage to the population of relevant age)

	2010	2012	2013	2014	2015
Total					
Ukraine	61.4	62.3	62.8	59.6	60.2
EU (28 countries)	64.1	64.1	64.1	64.8	65.6
Austria	70.8	71.4	71.4	71.1	71.1
Belgium	62.0	61.8	61.8	61.9	61.8
Bulgaria	59.8	58.8	59.5	61.0	62.9
Greece	59.1	50.8	48.8	49.4	50.8
Denmark	73.3	72.6	72.5	72.8	73.5
Estonia	61.2	67.1	68.5	69.6	71.9
Ireland	59.6	58.8	60.5	61.7	63.3
Spain	58.8	55.8	54.8	56.0	57.8
Italy	56.8	56.6	55.5	55.7	56.3
Cyprus	68.9	64.6	61.7	62.1	62.7
Latvia	58.5	63.0	65.0	66.3	68.1
Lithuania	57.6	62.0	63.7	65.7	67.2
Luxembourg	65.2	65.8	65.7	66.6	66.1
Malta	56.2	59.1	60.8	62.4	63.9
Netherlands	74.7	74.4	73.6	73.1	74.1
Germany	71.3	73.0	73.5	73.8	74.0
Poland	58.9	59.7	60.0	61.7	62.9
Portugal	65.3	61.4	60.6	62.6	63.9
Romania	60.2	60.2	60.1	61.0	61.4
Slovak Republic	58.8	59.7	59.9	61.0	62.7
Slovenia	66.2	64.1	63.3	63.9	65.2
United Kingdom	69.4	69.9	70.5	71.9	72.7
Hungary	54.9	56.7	58.1	61.8	63.9
Finland	68.1	69.4	68.9	68.7	68.5
France	64.0	64.0	64.1	63.8	63.8
Croatia	57.4	53.5	52.5	54.6	55.8
Czech Republic	65.0	66.5	67.7	69.0	70.2
Sweden	72.1	73.8	74.4	74.9	75.5

Table 6.2. continued

(in percentage to the population of relevant age)

	Women					Men				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Ukraine	57.8	57.8	58.2	55.2	55.5	65.3	67.2	67.9	64.4	65.2
EU (28 countries)	58.2	58.6	58.8	59.5	60.4	70.1	69.6	69.4	70.1	70.8
Austria	65.7	66.7	66.9	66.9	67.1	76.0	76.2	76.0	75.2	75.1
Belgium	56.5	56.8	57.2	57.9	58.0	67.4	66.9	66.4	65.8	65.5
Bulgaria	56.2	56.3	56.8	58.2	59.8	63.3	61.3	62.1	63.9	65.9
Greece	48.0	41.7	39.9	41.1	42.5	70.3	60.1	57.9	58.0	59.3
Denmark	71.1	70.0	70.0	69.8	70.4	75.6	75.2	75.0	75.8	76.6
Estonia	60.8	64.7	65.7	66.3	68.5	61.7	69.7	71.4	73.0	75.3
Ireland	55.8	55.1	55.9	56.7	57.9	63.5	62.7	65.1	66.9	68.7
Spain	52.8	51.2	50.3	51.2	52.7	64.8	60.3	59.2	60.7	62.9
Italy	46.1	47.1	46.5	46.8	47.2	67.5	66.3	64.7	64.7	65.5
Cyprus	63.0	59.4	56.9	58.6	59.0	75.3	70.4	67.0	66.0	66.7
Latvia	59.0	61.7	63.4	64.3	66.4	57.9	64.4	66.8	68.4	69.9
Lithuania	58.5	61.8	62.8	64.9	66.5	56.5	62.2	64.7	66.5	68.0
Luxembourg	57.2	59.0	59.1	60.5	60.8	73.1	72.5	72.1	72.6	71.3
Malta	39.5	44.0	47.0	49.5	51.0	72.5	73.8	74.1	74.9	76.2
Netherlands	69.3	69.4	69.0	68.1	69.2	80.0	79.3	78.2	78.1	79.0
Germany	66.2	68.1	69.0	69.5	69.9	76.3	77.9	78.0	78.1	78.0
Poland	52.6	53.1	53.4	55.2	56.6	65.3	66.3	66.6	68.2	69.2
Portugal	61.0	58.5	57.9	59.6	61.1	69.8	64.5	63.5	65.8	66.9
Romania	52.5	52.8	52.6	53.3	53.2	67.9	67.6	67.6	68.7	69.5
Slovak Republic	52.3	52.7	53.4	54.3	55.9	65.2	66.7	66.4	67.6	69.5
Slovenia	62.6	60.5	59.2	60.0	61.0	69.6	67.4	67.1	67.5	69.2
United Kingdom	64.5	64.9	65.8	67.1	68.0	74.4	75.0	75.4	76.8	77.6
Hungary	50.2	51.9	52.6	55.9	57.8	59.9	61.6	63.7	67.8	70.3
Finland	66.9	68.2	67.8	68.0	67.7	69.4	70.5	69.9	69.5	69.3
France	59.8	60.1	60.4	60.4	60.6	68.3	68.1	67.9	67.3	67.1
Croatia	52.1	48.5	48.5	50.0	51.5	62.7	58.5	56.5	59.1	60.1
Czech Republic	56.3	58.2	59.6	60.7	62.4	73.5	74.6	75.7	77.0	77.9
Sweden	69.7	71.8	72.5	73.1	74.0	74.6	75.6	76.3	76.5	77.0

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

(in percentage to the population of relevant age)

	2010	2012	2013	2014	2015
Total					
Ukraine	33.6	33.4	32.5	29.5	28.2
EU (28 countries)	33.8	32.5	32.1	32.4	33.0
Austria	52.8	53.7	53.1	52.1	51.3
Belgium	25.2	25.3	23.6	23.2	23.4
Bulgaria	24.3	21.9	21.2	20.7	20.3
Greece	20.1	13.0	11.8	13.3	13.0
Denmark	58.1	55.0	53.7	53.7	55.4
Estonia	25.3	32.3	32.4	33.3	36.3
Ireland	31.5	28.2	29.0	28.4	28.7
Spain	25.0	18.4	16.8	16.7	17.9
Italy	20.2	18.5	16.3	15.6	15.6
Cyprus	33.8	28.1	23.5	25.8	25.5
Latvia	25.4	28.7	30.2	32.5	34.5
Lithuania	18.3	21.5	24.6	27.6	28.3
Luxembourg	21.2	21.7	21.9	20.4	29.1
Malta	44.2	43.8	46.0	46.2	45.5
Netherlands	63.0	61.1	60.1	58.8	60.8
Germany	46.2	46.6	46.9	46.1	45.3
Poland	26.4	24.7	24.2	25.8	26.0
Portugal	27.9	23.0	21.7	22.4	22.8
Romania	24.3	23.7	22.9	22.5	24.5
Slovak Republic	20.6	20.1	20.4	21.8	23.3
Slovenia	34.1	27.3	26.5	26.8	29.6
United Kingdom	46.8	46.2	46.3	48.1	50.1
Hungary	18.3	18.4	20.1	23.5	25.7
Finland	38.8	41.8	41.5	41.4	40.5
France	30.1	28.6	28.3	27.9	27.8
Croatia	24.2	17.4	14.9	18.3	19.0
Czech Republic	25.2	25.2	25.6	27.1	28.4
Sweden	38.8	40.2	41.7	42.8	43.9

Table 6.3. continued

(in percentage to the population of relevant age)

	Women					Men				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Ukraine	29.3	29.1	28.3	25.2	24.8	37.7	37.6	36.5	33.6	31.3
EU (28 countries)	31.6	30.5	30.2	30.5	31.2	35.9	34.4	33.9	34.2	34.8
Austria	48.9	50.3	49.8	49.9	48.7	56.6	57.1	56.4	54.3	54.0
Belgium	23.1	22.6	21.9	21.8	21.7	27.3	27.8	25.3	24.5	25.0
Bulgaria	21.2	18.7	18.4	17.3	16.5	27.3	24.9	24.0	24.0	24.0
Greece	16.1	10.0	9.1	10.9	10.9	24.2	16.1	14.6	15.8	15.2
Denmark	59.5	55.4	55.0	54.9	56.2	56.7	54.6	52.3	52.7	54.6
Estonia	24.1	30.3	30.7	33.3	33.1	26.5	34.2	34.0	33.4	39.4
Ireland	33.5	30.2	29.6	28.4	28.2	29.6	26.3	28.5	28.5	29.3
Spain	24.3	18.3	16.3	16.0	17.3	25.6	18.5	17.3	17.4	18.6
Italy	16.3	15.0	13.7	12.8	12.4	24.0	21.8	18.7	18.2	18.6
Cyprus	33.3	26.1	23.0	25.9	26.8	34.4	30.5	24.0	25.8	24.0
Latvia	24.3	25.4	27.0	28.3	31.9	26.5	31.8	33.3	36.5	37.1
Lithuania	17.4	20.1	21.5	24.1	25.7	19.1	22.8	27.6	31.0	30.8
Luxembourg	20.3	20.1	19.4	18.8	28.8	22.1	23.4	24.2	21.9	29.4
Malta	42.4	40.7	44.4	46.8	45.1	45.9	46.7	47.5	45.7	45.9
Netherlands	63.5	62.5	61.0	58.8	61.7	62.6	59.7	59.2	58.7	59.9
Germany	44.5	44.5	45.2	44.3	44.0	47.9	48.6	48.4	47.7	46.5
Poland	22.1	19.9	19.5	21.3	21.3	30.5	29.2	28.6	30.0	30.5
Portugal	26.0	21.2	20.4	21.9	21.5	29.7	24.8	22.9	22.9	24.1
Romania	19.9	19.6	18.6	18.0	19.3	28.5	27.5	27.0	26.6	29.4
Slovak Republic	17.4	15.9	16.2	16.5	18.0	23.8	24.1	24.4	26.8	28.4
Slovenia	30.0	23.7	23.0	24.0	27.1	37.6	30.4	29.7	29.5	32.0
United Kingdom	46.1	46.0	46.2	47.8	49.7	47.6	46.4	46.4	48.3	50.4
Hungary	16.6	17.0	17.0	20.5	23.1	19.9	19.8	23.0	26.4	28.1
Finland	39.9	42.7	43.9	43.0	42.8	37.7	41.0	39.1	39.8	38.1
France	27.1	26.1	25.6	25.7	25.9	33.2	31.0	31.0	30.1	29.7
Croatia	20.4	14.7	12.4	15.3	15.6	27.9	20.0	17.4	21.2	22.2
Czech Republic	20.6	21.0	21.0	21.6	23.4	29.6	29.2	29.9	32.3	33.1
Sweden	39.2	41.6	42.9	44.0	45.5	38.5	38.8	40.5	41.6	42.4

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)

	2010	2012	2013	2014	2015
Total					
Ukraine	8.2	7.6	7.3	9.3	9.1
EU (28 countries)	9.5	10.4	10.8	10.2	9.4
Austria	4.8	4.9	5.4	5.6	5.7
Belgium	8.3	7.6	8.4	8.5	8.5
Bulgaria	10.3	12.3	13.0	11.4	9.2
Greece	12.7	24.5	27.5	26.5	24.9
Denmark	7.5	7.5	7.0	6.6	6.2
Estonia	16.7	10.0	8.6	7.4	6.2
Ireland	13.9	14.7	13.1	11.3	9.4
Spain	19.9	24.8	26.1	24.5	22.1
Italy	8.4	10.7	12.2	12.7	11.9
Cyprus	6.3	11.9	15.9	16.1	15.0
Latvia	19.5	15.0	11.9	10.8	9.9
Lithuania	17.8	13.4	11.8	10.7	9.1
Luxembourg	4.4	5.1	5.9	5.9	6.7
Malta	6.9	6.3	6.4	5.8	5.4
Netherlands	4.5	5.8	7.3	7.4	6.9
Germany	7.0	5.4	5.2	5.0	4.6
Poland	9.7	10.1	10.3	9.0	7.5
Portugal	11.0	15.8	16.4	14.1	12.6
Romania	7.0	6.8	7.1	6.8	6.8
Slovak Republic	14.4	14.0	14.2	13.2	11.5
Slovenia	7.3	8.9	10.1	9.7	9.0
United Kingdom	7.8	7.9	7.6	6.1	5.3
Hungary	11.2	11.0	10.2	7.7	6.8
Finland	8.4	7.7	8.2	8.7	9.4
France	8.9	9.4	9.9	10.3	10.4
Croatia	11.7	16.0	17.3	17.3	16.3
Czech Republic	7.3	7.0	7.0	6.1	5.1
Sweden	8.6	8.0	8.1	8.0	7.4

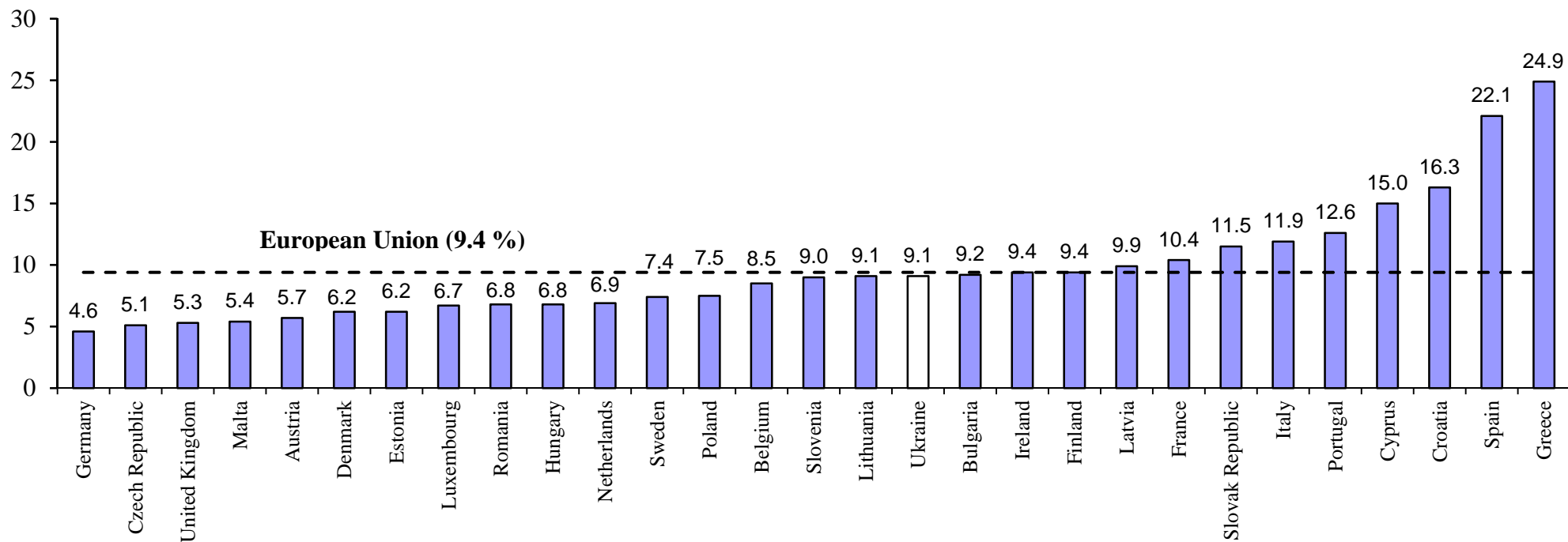
Table 6.4. continued

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

	Women					Men				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Ukraine	6.9	6.5	6.3	7.5	8.1	9.4	8.7	8.1	10.8	10.1
EU (28 countries)	9.5	10.5	10.9	10.3	9.5	9.6	10.4	10.8	10.1	9.3
Austria	4.6	4.8	5.3	5.4	5.3	5.0	5.0	5.4	5.9	6.1
Belgium	8.5	7.4	8.2	7.9	7.8	8.1	7.7	8.7	9.0	9.1
Bulgaria	9.6	10.8	11.8	10.4	8.4	10.9	13.5	13.9	12.3	9.8
Greece	16.4	28.2	31.4	30.2	28.9	10.1	21.6	24.5	23.7	21.8
Denmark	6.5	7.5	7.3	6.8	6.4	8.4	7.5	6.7	6.4	5.9
Estonia	14.1	9.1	8.2	6.8	6.1	19.3	10.9	9.1	7.9	6.2
Ireland	9.9	11.0	10.7	9.4	7.7	17.1	17.7	15.0	12.9	10.9
Spain	20.2	25.1	26.7	25.4	23.6	19.6	24.6	25.6	23.6	20.8
Italy	9.6	11.8	13.1	13.8	12.7	7.5	9.8	11.5	11.9	11.4
Cyprus	6.4	11.1	15.2	15.1	14.8	6.2	12.6	16.6	17.1	15.1
Latvia	16.3	14.0	11.1	9.8	8.6	22.7	16.2	12.6	11.8	11.1
Lithuania	14.5	11.6	10.5	9.2	8.2	21.2	15.2	13.1	12.2	10.1
Luxembourg	5.1	5.9	6.4	5.8	7.4	3.8	4.5	5.4	5.9	6.1
Malta	7.1	7.3	6.3	5.3	5.2	6.7	5.7	6.5	6.1	5.5
Netherlands	4.5	6.2	7.3	7.8	7.3	4.4	5.5	7.2	7.2	6.5
Germany	6.5	5.2	4.9	4.6	4.2	7.4	5.6	5.5	5.3	5.0
Poland	10.0	10.9	11.1	9.6	7.7	9.4	9.4	9.7	8.5	7.3
Portugal	12.1	15.7	16.6	14.5	12.8	10.0	15.9	16.3	13.7	12.4
Romania	6.2	6.1	6.3	6.1	5.8	7.6	7.4	7.7	7.3	7.5
Slovak Republic	14.6	14.5	14.5	13.6	12.9	14.2	13.5	14.0	12.8	10.3
Slovenia	7.1	9.4	10.9	10.6	10.1	7.5	8.4	9.5	9.0	8.1
United Kingdom	6.9	7.4	7.1	5.8	5.1	8.6	8.4	8.0	6.4	5.5
Hungary	10.7	10.6	10.1	7.9	7.0	11.6	11.3	10.2	7.6	6.6
Finland	7.6	7.1	7.5	8.0	8.8	9.1	8.3	8.8	9.3	9.9
France	9.1	9.4	9.8	10.0	9.9	8.7	9.4	10.0	10.5	10.8
Croatia	12.4	16.1	16.8	18.3	17.0	11.1	16.0	17.7	16.5	15.7
Czech Republic	8.5	8.2	8.3	7.4	6.1	6.4	6.0	5.9	5.1	4.2
Sweden	8.5	7.7	7.9	7.7	7.3	8.7	8.2	8.2	8.2	7.6

6.5. ILO unemployment rate in Ukraine and EU countries, 2015

(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)

	2010	2012	2013	2014	2015
Total					
Ukraine	8.4	7.8	7.4	9.4	9.2
EU (28 countries)	9.7	10.6	11.0	10.4	9.6
Austria	4.9	4.9	5.4	5.7	5.8
Belgium	8.4	7.6	8.5	8.6	8.6
Bulgaria	10.3	12.4	13.0	11.5	9.2
Greece	12.9	24.7	27.7	26.7	25.1
Denmark	7.6	7.7	7.2	6.8	6.3
Estonia	17.1	10.2	8.9	7.5	6.3
Ireland	14.1	15.0	13.3	11.5	9.6
Spain	20.0	24.9	26.2	24.6	22.2
Italy	8.5	10.8	12.3	12.9	12.1
Cyprus	6.5	12.1	16.1	16.3	15.2
Latvia	19.8	15.3	12.1	11.1	10.1
Lithuania	18.1	13.6	12.0	10.9	9.3
Luxembourg	4.4	5.2	5.9	5.9	6.7
Malta	6.9	6.4	6.5	5.9	5.5
Netherlands	4.5	5.9	7.3	7.5	6.9
Germany	7.1	5.5	5.3	5.1	4.7
Poland	9.7	10.2	10.5	9.1	7.6
Portugal	11.4	16.3	17.0	14.5	12.9
Romania	7.3	7.1	7.4	7.1	7.0
Slovak Republic	14.4	14.0	14.3	13.2	11.5
Slovenia	7.4	9.0	10.3	9.9	9.1
United Kingdom	7.9	8.1	7.7	6.3	5.4
Hungary	11.3	11.1	10.2	7.8	6.8
Finland	8.5	7.8	8.3	8.8	9.6
France	8.9	9.5	9.9	10.3	10.4
Croatia	11.9	16.3	17.5	17.5	16.5
Czech Republic	7.4	7.0	7.0	6.2	5.1
Sweden	8.8	8.1	8.2	8.1	7.6

Table 6.6. continued

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

	Women					Men				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Ukraine	7.1	6.6	6.5	7.6	8.2	9.6	8.8	8.2	10.9	10.2
EU (28 countries)	9.6	10.6	11.0	10.5	9.6	9.7	10.6	11.0	10.3	9.5
Austria	4.7	4.8	5.4	5.5	5.4	5.1	5.0	5.5	5.9	6.2
Belgium	8.6	7.4	8.2	8.0	7.8	8.2	7.7	8.7	9.1	9.2
Bulgaria	9.6	10.9	11.9	10.4	8.5	11.0	13.7	14.1	12.5	9.9
Greece	16.5	28.4	31.6	30.4	29.1	10.2	21.8	24.7	23.8	21.9
Denmark	6.5	7.7	7.4	6.9	6.5	8.5	7.7	6.9	6.6	6.1
Estonia	14.5	9.3	8.5	7.0	6.2	19.7	11.1	9.2	8.0	6.3
Ireland	9.9	11.1	10.8	9.5	7.7	17.5	18.1	15.4	13.2	11.2
Spain	20.3	25.2	26.8	25.5	23.7	19.7	24.7	25.7	23.7	20.9
Italy	9.7	11.9	13.2	13.9	12.8	7.6	10.0	11.7	12.1	11.6
Cyprus	6.5	11.2	15.3	15.2	14.9	6.4	12.8	16.8	17.5	15.4
Latvia	16.6	14.2	11.4	10.1	8.8	23.0	16.5	12.8	12.1	11.4
Lithuania	14.7	11.8	10.6	9.4	8.4	21.5	15.5	13.4	12.4	10.3
Luxembourg	5.1	5.9	6.4	5.8	7.4	3.8	4.6	5.5	6.0	6.2
Malta	7.2	7.4	6.3	5.3	5.2	6.8	5.8	6.6	6.2	5.6
Netherlands	4.5	6.3	7.4	7.8	7.3	4.5	5.5	7.3	7.2	6.6
Germany	6.6	5.2	5.0	4.7	4.3	7.5	5.7	5.6	5.4	5.1
Poland	10.1	11.0	11.2	9.7	7.8	9.5	9.5	9.8	8.6	7.4
Portugal	12.5	16.1	17.0	14.8	13.1	10.4	16.5	17.0	14.2	12.8
Romania	6.5	6.4	6.6	6.4	6.1	7.8	7.6	8.0	7.6	7.7
Slovak Republic	14.6	14.6	14.6	13.7	13.0	14.3	13.6	14.0	12.9	10.4
Slovenia	7.2	9.5	11.1	10.8	10.2	7.6	8.5	9.6	9.1	8.2
United Kingdom	7.0	7.5	7.2	6.0	5.2	8.7	8.5	8.2	6.5	5.6
Hungary	10.7	10.7	10.2	8.0	7.1	11.7	11.4	10.3	7.6	6.6
Finland	7.7	7.1	7.6	8.1	9.0	9.3	8.5	9.0	9.6	10.2
France	9.1	9.4	9.8	10.1	9.9	8.7	9.5	10.1	10.6	10.9
Croatia	12.6	16.3	17.0	18.4	17.2	11.3	16.2	18.0	16.6	15.9
Czech Republic	8.5	8.3	8.4	7.5	6.2	6.5	6.1	6.0	5.2	4.3
Sweden	8.6	7.8	8.0	7.8	7.4	8.9	8.5	8.4	8.5	7.8

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)

	2010	2012	2013	2014	2015
Total					
Ukraine	17.2	17.5	17.0	23.1	22.4
EU (28 countries)	21.0	23.2	23.6	22.2	20.4
Austria	9.5	9.4	9.7	10.3	10.6
Belgium	22.4	19.8	23.7	23.2	22.1
Bulgaria	21.9	28.1	28.4	23.8	21.6
Greece	33.0	55.3	58.3	52.4	49.8
Denmark	14.0	14.1	13.1	12.6	10.8
Estonia	32.9	20.9	18.7	15.0	13.1
Ireland	27.6	30.4	26.8	23.9	20.9
Spain	41.5	52.9	55.5	53.2	48.3
Italy	27.9	35.3	40.0	42.7	40.3
Cyprus	16.6	27.7	38.9	36.0	32.8
Latvia	36.2	28.5	23.2	19.6	16.3
Lithuania	35.7	26.7	21.9	19.3	16.3
Luxembourg	14.2	18.8	15.5	22.6	17.3
Malta	13.2	14.1	13.0	11.7	11.8
Netherlands	8.7	11.7	13.2	12.7	11.3
Germany	9.8	8.0	7.8	7.7	7.2
Poland	23.7	26.5	27.3	23.9	20.8
Portugal	22.8	37.9	38.1	34.8	32.0
Romania	22.1	22.6	23.7	24.0	21.7
Slovak Republic	33.6	34.0	33.7	29.7	26.5
Slovenia	14.7	20.6	21.6	20.2	16.3
United Kingdom	19.9	21.2	20.7	16.9	14.6
Hungary	26.4	28.2	26.6	20.4	17.3
Finland	21.4	19.0	19.9	20.5	22.4
France	22.5	23.6	24.0	24.2	24.7
Croatia	32.4	42.1	50.0	45.5	43.0
Czech Republic	18.3	19.5	19.0	15.9	12.6
Sweden	24.8	23.6	23.5	22.9	20.4

Table 6.7. continued

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

	Women					Men				
	2010	2012	2013	2014	2015	2010	2012	2013	2014	2015
Ukraine	16.8	16.5	16.2	22.4	21.9	17.5	18.3	17.5	23.7	22.7
EU (28 countries)	20.2	22.4	22.9	21.4	19.5	21.8	23.9	24.3	22.8	21.0
Austria	9.4	9.2	10.0	9.9	10.0	9.6	9.6	9.4	10.6	11.1
Belgium	22.4	18.9	22.5	22.3	20.0	22.4	20.4	24.7	24.0	23.8
Bulgaria	20.1	26.0	25.7	23.7	22.3	23.2	29.5	30.2	23.8	21.2
Greece	40.3	63.1	63.8	58.1	55.0	26.8	48.5	53.8	47.4	45.2
Denmark	11.8	13.5	11.8	11.5	10.1	16.1	14.8	14.3	13.7	11.6
Estonia	29.5	18.5	19.7	10.0	12.2	35.7	22.8	17.8	19.3	13.8
Ireland	21.2	24.0	23.5	20.9	17.6	33.7	36.4	29.8	26.6	23.6
Spain	39.6	51.4	54.6	52.9	48.0	43.1	54.1	56.2	53.4	48.6
Italy	29.4	37.6	41.5	44.7	42.6	26.9	33.7	39.0	41.3	38.8
Cyprus	17.2	26.7	36.8	34.6	31.1	15.9	28.8	41.1	37.4	34.7
Latvia	34.8	29.5	24.9	20.0	14.2	37.3	27.8	21.8	19.4	18.0
Lithuania	31.6	22.7	20.4	18.7	16.6	39.0	29.7	23.0	19.6	16.0
Luxembourg	10.2	18.6	10.9	18.1	15.7	17.6	18.9	18.7	26.1	18.9
Malta	11.8	14.7	10.4	9.6	9.4	14.4	13.5	15.2	13.7	13.9
Netherlands	8.6	11.6	12.9	13.1	11.2	8.8	11.8	13.5	12.4	11.3
Germany	8.8	7.3	7.1	7.1	6.5	10.7	8.7	8.5	8.3	7.9
Poland	25.4	30.0	30.1	25.5	20.9	22.4	24.1	25.4	22.7	20.7
Portugal	24.0	39.3	39.6	35.4	34.5	21.6	36.7	36.7	34.2	29.6
Romania	22.1	23.0	24.6	24.7	23.4	22.1	22.2	23.2	23.6	20.6
Slovak Republic	31.9	32.5	31.6	30.1	27.5	34.6	35.0	34.9	29.5	25.8
Slovenia	13.8	21.0	23.7	21.3	14.6	15.2	20.3	20.1	19.4	17.7
United Kingdom	17.6	18.2	18.1	14.8	12.9	22.0	23.9	23.0	18.9	16.2
Hungary	24.7	27.1	27.9	20.9	16.0	27.8	29.1	25.6	20.0	18.3
Finland	19.0	18.0	17.1	18.4	19.7	23.8	19.9	22.9	22.8	25.4
France	23.0	23.1	24.3	23.1	23.4	22.2	24.1	23.7	25.1	25.8
Croatia	33.6	42.0	50.2	46.4	44.5	31.5	42.1	49.9	44.9	41.9
Czech Republic	18.5	19.0	19.4	17.1	14.4	18.2	19.9	18.6	15.0	11.3
Sweden	23.6	22.2	22.3	21.5	19.6	25.9	25.0	24.8	24.2	21.2

REGISTERED LABOUR MARKET

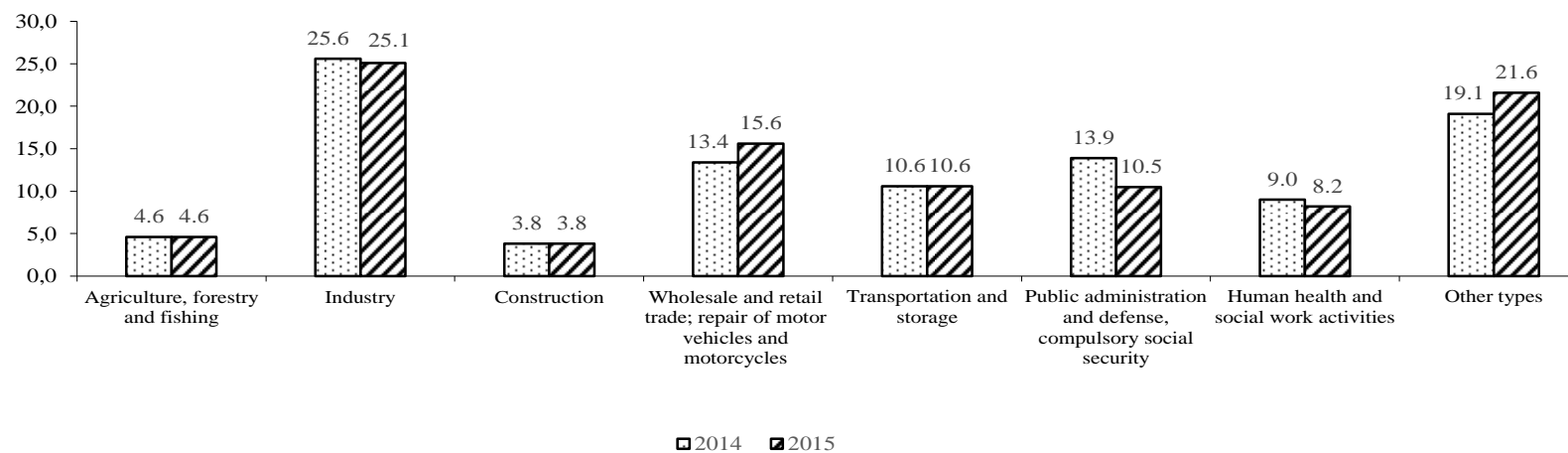
SECTION 7

7.1. Demand, supply and placement of labour force by type of economic activity, 2015

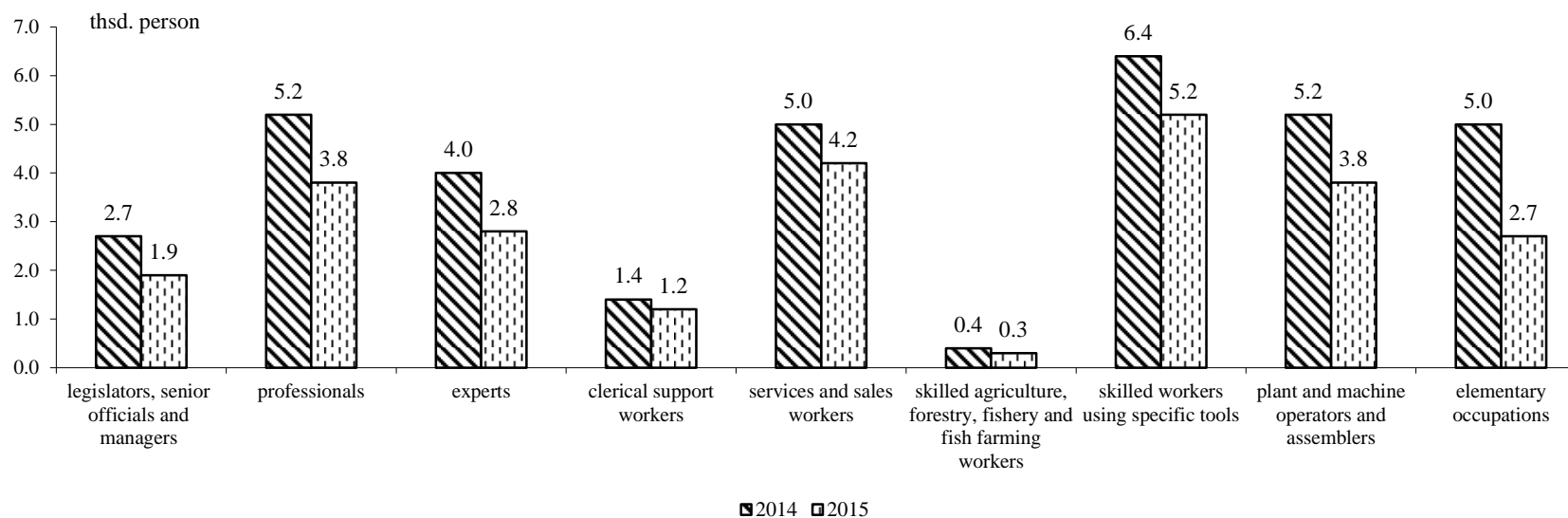
	At the end of year					Placement of registered unemployed during year	
	Number of registered unemployed ¹		Demand of employers for employees		Load of registered unemployed per one vacancy, prs.		
	thsd. prs.	in percentage to 2014	thsd. prs.	in percentage to the total		thsd. prs.	in percentage to the total
Total	490.8	95.8	25.9	100.0	19	444.7	100.0
Agriculture, forestry and fishing	102.9	91.4	1.2	4.6	87	119.7	26.9
Industry	75.5	83.9	6.5	25.1	12	98.8	22.2
of which:							
mining and quarrying	5.1	95.1	0.2	0.8	24	6.3	1.4
manufacturing	60.9	80.9	5.1	19.8	12	73.7	16.6
Construction	10.3	69.7	1.0	3.8	10	12.2	2.7
Wholesale and retail trade; repair of motor vehicles and motorcycles	61.2	87.9	4.1	15.6	15	71.4	16.1
Transportation and storage	16.7	96.4	2.8	10.6	6	19.9	4.5
Accommodation and food service activities	9.1	80.4	0.8	3.0	12	13.3	3.0
Information and communication	7.7	73.3	0.3	1.2	24	3.6	0.8
Financial and insurance activities	20.8	108.0	0.2	0.9	94	4.2	1.0
Real estate activities	4.2	99.7	0.4	1.7	10	4.2	1.0
Professional, scientific and technical activities	8.1	95.7	0.6	2.4	13	7.8	1.8
Administrative and support service activities	8.2	91.0	1.1	4.1	8	8.1	1.8
Public administration and defense, compulsory social security	57.0	177.7	2.7	10.5	21	26.9	6.0
Education	8.8	103.7	1.4	5.5	6	27.2	6.1
Human health and social work activities	12.8	93.3	2.1	8.2	6	19.3	4.3
Arts, entertainment and recreation	2.1	90.5	0.3	1.1	8	2.8	0.6
Other services	4.1	94.4	0.4	1.7	9	5.3	1.2
Persons who have not previously worked	81.3	96.6	×	×	×	×	×

¹ Distribution of registered unemployed by economic activity carried out by persons who previously were employed (working at enterprises, institutions, organisations, etc)

7.2. Demand of employers for employees, by type of economic activity in 2014-2015
in percentage to the total number of vacant work places, at the end of year



7.3. Demand of employers for employees, by occupational group in 2014-2015



7.4. Labour force demand, by region

(thsd. prs; at the end of year)

	2010	2012	2013	2014	2015
Ukraine	60.1	45.1	42.5	35.3	25.9
Vinnysia	0.6	0.5	0.3	0.4	0.4
Volyn	0.8	0.6	0.5	0.5	0.8
Dnipropetrovsk	7.7	7.2	7.5	5.9	2.7
Donetsk	2.9	3.4	2.1	1.1	0.4
Zhytomyr	1.8	1.9	1.8	1.7	1.3
Zakarpattia	0.9	1.0	0.5	0.5	0.2
Zaporizhia	1.6	0.4	1.0	0.4	0.2
Ivano-Frankivsk	0.2	0.3	0.5	0.3	0.5
Kyiv	3.2	1.9	2.2	1.8	1.9
Kirovohrad	0.6	0.6	0.8	0.6	0.6
Luhansk	2.0	0.8	0.7	0.2	0.1
Lviv	2.3	2.0	1.1	1.0	1.5
Mykolaiv	1.1	1.0	1.3	1.0	1.0
Odesa	2.6	2.3	2.2	2.5	1.8
Poltava	1.8	2.2	2.4	1.7	1.4
Rivne	0.8	0.9	1.1	0.8	0.7
Sumy	0.7	0.8	0.8	0.7	0.7
Ternopil	0.9	1.2	1.2	1.3	1.0
Kharkiv	3.3	3.9	3.7	2.6	2.2
Kherson	1.1	1.3	0.8	0.6	0.4
Khmelnysk	0.4	0.2	0.2	0.2	0.4
Cherkasy	0.3	0.2	0.5	0.4	0.6
Chernivtsi	0.7	0.8	0.5	0.4	0.5
Chernihiv	0.9	1.2	1.3	1.3	0.6
Kyiv city	20.9	8.5	7.5	7.4	4.0

7.5. Load of registered unemployed per one vacancy, by region

	(person; at the end of year)				
	2010	2012	2013	2014	2015
Ukraine	9	11	11	14	19
Vinnitsia	49	58	78	61	62
Volyn	17	20	21	22	15
Dnipropetrovsk	5	5	4	6	14
Donetsk	11	9	16	25	60
Zhytomyr	13	12	10	11	17
Zakarpattia	15	14	16	18	37
Zaporizhia	17	62	24	86	185
Ivano-Frankivsk	74	52	33	52	27
Kyiv	5	9	7	11	11
Kirovohrad	31	31	23	36	39
Luhansk	11	26	31	101	140
Lviv	12	14	21	26	16
Mykolaiv	18	19	14	20	19
Odesa	8	8	6	7	9
Poltava	20	11	10	18	21
Rivne	25	19	15	20	24
Sumy	31	22	21	26	27
Ternopil	21	15	14	13	13
Kharkiv	10	8	7	12	13
Kherson	10	10	16	27	35
Khmelnitsk	53	93	76	75	44
Cherkasy	89	167	43	65	41
Chernivtsi	16	15	19	23	17
Chernihiv	21	12	11	12	25
Kyiv city	0,3	1	1	2	4

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

(at the end of year)

	Number of registered unemployed, thsd. prs.		Demand of employees for employers, thsd. prs.		Load of registered unemployed per one vacancy, prs.	
	2014	2015	2014	2015	2014	2015
Total	512.2	490.8	35.3	25.9	14	19
including:						
legislators, senior officials and managers	58.9	67.1	2.7	1.9	22	35
professionals	48.6	43.0	5.2	3.8	9	11
experts	50.6	49.3	4.0	2.8	13	17
clerical support workers	29.2	30.2	1.4	1.2	20	26
services and sales workers	73.9	73.8	5.0	4.2	15	18
skilled agriculture, forestry, fishery and fish farming workers	24.4	24.3	0.4	0.3	67	74
skilled workers using specific tools	58.9	48.9	6.4	5.2	9	9
plant and machine operators, and assemblers	94.3	82.4	5.2	3.8	18	22
elementary occupations*	73.4	71.8	5.0	2.7	15	26

* Including persons with no occupation.

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

	(thsd. prs; at the end of year)				
	2010	2012	2013	2014	2015
Total	524.1	486.7	469.0	512.2	490.8
of which:					
women	282.2	260.5	244.8	275.4	276.8
including by level of education:					
complete higher	92.9	101.3	102.5	124.3	117.0
basic higher	111.0	103.3	97.9	103.8	99.1
vocational	183.1	172.1	170.9	181.2	174.0
secondary	115.5	89.6	79.2	83.0	80.6
basic secondary	21.0	19.8	17.9	19.0	19.0
primary	0.6	0.6	0.6	0.9	1.1
including:					
persons who did not work less than 1 year - total	461.0	435.3	420.4	449.0	425.8
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	33.0	31.0	31.4	30.4	33.1
dismissed at own will	60.4	53.7	50.2	51.2	45.0
leavers of secondary comprehensive schools	2.6	1.8
graduates of vocational training schools	10.7	6.2
graduates of higher educational institutions	18.3	12.2
laid off by agreement of parties	206.7	215.2	204.9	226.6	196.4
layoffs due to the end of contract	108.1	95.4	92.9	93.7	85.4
persons who did not work more than 1 year through different causes	63.1	51.4	48.6	63.2	65.0

7.8 Registered unemployed, by sex, place of residence and region

	(average for the period)									
	2010		2012		2013		2014		2015	
	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age
Total	436.8	2.3	449.6	2.3	470.3	2.4	458.6	2.4	461.1	2.7
Ukraine										
Vinnysia	22.0	3.2	24.4	3.5	25.5	3.6	23.9	3.4	23.6	3.3
Volyn	12.4	2.8	12.4	2.8	12.2	2.7	11.4	2.6	11.5	2.7
Dnipropetrovsk	29.1	1.9	29.3	1.9	32.2	2.1	32.0	2.1	34.8	2.2
Donetsk	31.7	1.6	27.9	1.4	33.1	1.6	33.5	1.8	22.5	2.6
Zhytomyr	20.4	3.7	21.9	4.0	20.2	3.6	18.8	3.5	20.5	3.8
Zakarpatya	12.1	2.2	13.0	2.4	12.6	2.3	9.7	1.8	9.0	1.6
Zaporizhia	21.0	2.6	19.5	2.4	22.6	2.8	23.5	2.9	26.9	3.4
Ivano-Frankivsk	14.9	2.8	16.4	2.9	16.6	2.9	15.9	2.8	14.9	2.6
Kyiv	14.8	2.0	15.1	2.0	16.7	2.2	17.0	2.2	19.6	2.5
Kirovohrad	14.6	3.4	15.9	3.6	16.4	3.8	16.7	4.0	18.9	4.5
Luhansk	16.1	1.6	17.5	1.8	20.8	2.1	18.8	2.0	9.7	2.8
Lviv	23.3	2.1	24.7	2.2	25.9	2.3	24.1	2.2	23.2	2.1
Mykolaiv	14.9	2.8	16.3	3.0	17.2	3.2	16.5	3.1	17.1	3.2
Odesa	14.1	1.4	14.6	1.4	14.3	1.4	12.8	1.2	13.8	1.3
Poltava	25.7	3.9	22.5	3.4	22.9	3.5	23.0	3.5	27.1	4.2
Rivne	17.1	3.5	17.9	3.6	17.4	3.5	16.8	3.5	17.1	3.5
Sumy	17.4	3.4	15.8	3.1	16.5	3.3	16.6	3.3	17.4	3.5
Ternopil	12.5	2.9	14.7	3.3	15.3	3.4	15.2	3.4	12.4	2.8
Kharkiv	27.1	2.1	27.5	2.1	26.8	2.1	26.4	2.1	27.4	2.1
Kherson	8.6	1.7	10.4	2.1	11.5	2.3	11.8	2.4	12.9	2.7
Khmelnysk	16.6	2.9	15.8	2.8	16.0	2.8	16.1	2.9	15.0	2.8
Cherkasy	19.9	3.4	22.6	3.9	22.8	3.9	21.6	3.8	23.9	4.2
Chernivtsi	9.3	2.6	10.6	2.9	10.3	2.8	9.4	2.6	8.6	2.4
Chernihiv	15.7	3.3	15.3	3.3	15.0	3.2	14.4	3.1	15.7	3.4
Kyiv city	5.5	0.4	7.6	0.6	9.5	0.7	12.7	0.9	17.6	1.3

Table 7.8 continued

	2010		2012		2013		2014		2015	
	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age
Women										
Ukraine	243.9	2.7	253.7	2.8	257.0	2.8	250.2	2.8	274.7	3.4
Vinnitsia	11.6	3.6	12.5	3.8	12.6	3.9	11.8	3.6	12.8	3.9
Volyn	6.5	3.2	7.1	3.3	6.7	3.1	6.3	3.0	6.9	3.4
Dnipropetrovsk	17.2	2.4	18.0	2.5	18.7	2.6	18.6	2.5	22.2	2.9
Donetsk	20.3	2.1	18.5	1.9	19.9	2.0	19.4	2.1	14.0	3.6
Zhytomyr	11.3	4.4	12.1	4.7	11.0	4.2	10.2	4.1	11.7	4.6
Zakarpattia	7.5	3.1	8.1	3.3	7.8	3.1	6.0	2.3	6.2	2.5
Zaporizhia	11.7	3.1	10.8	2.8	11.8	3.1	12.6	3.2	15.9	4.3
Ivano-Frankivsk	8.3	3.4	9.4	3.7	9.3	3.7	9.1	3.8	9.5	3.7
Kyiv	8.4	2.5	8.5	2.4	9.5	2.7	9.8	2.7	12.1	3.3
Kirovohrad	8.0	3.9	8.8	4.3	8.7	4.3	8.8	4.4	10.7	5.4
Luhansk	10.0	2.1	10.9	2.4	12.1	2.6	10.8	2.4	6.1	3.7
Lviv	13.0	2.6	13.9	2.7	14.4	2.8	13.5	2.7	14.4	2.8
Mykolaiv	8.1	3.3	8.9	3.6	9.1	3.7	8.9	3.7	10.0	3.9
Odesa	7.5	1.6	7.4	1.6	7.2	1.6	6.6	1.5	8.0	1.7
Poltava	13.7	4.4	12.3	4.0	12.0	3.8	11.8	3.8	15.0	4.9
Rivne	9.1	4.0	10.0	4.4	9.6	4.1	9.3	4.1	9.9	4.2
Sumy	9.4	3.9	8.9	3.6	9.1	3.7	8.9	3.8	10.4	4.3
Ternopil	6.2	3.0	7.3	3.5	7.4	3.6	7.3	3.5	7.0	3.2
Kharkiv	15.6	2.7	15.9	2.7	15.0	2.5	14.8	2.5	17.2	2.9
Kherson	5.0	2.3	5.8	2.7	6.3	2.9	6.4	2.9	7.4	3.3
Khmelnysk	8.6	3.3	8.2	3.1	8.1	3.1	8.0	3.1	8.4	3.3
Cherkasy	10.8	3.9	12.3	4.5	12.0	4.4	11.5	4.3	13.8	5.2
Chernivtsi	4.5	2.9	5.2	3.4	5.0	3.3	4.5	2.9	4.6	2.8
Chernihiv	8.3	3.7	8.2	3.6	7.9	3.4	7.6	3.4	8.9	4.0
Kyiv city	3.3	0.5	4.7	0.7	5.8	0.9	7.7	1.2	11.6	1.7

Table 7.8 continued

	2010		2012		2013		2014		2015	
	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age
Men										
Ukraine	192.9	1.9	195.9	1.9	213.3	2.1	208.4	2.1	186.4	2.0
Vinnitsia	10.4	2.8	11.9	3.2	12.9	3.4	12.1	3.2	10.8	2.8
Volyn	5.9	2.5	5.3	2.3	5.5	2.3	5.1	2.3	4.6	2.0
Dnipropetrovsk	11.9	1.5	11.3	1.3	13.5	1.6	13.4	1.7	12.6	1.6
Donetsk	11.4	1.1	9.4	0.9	13.2	1.3	14.1	1.4	8.5	1.9
Zhytomyr	9.1	3.1	9.8	3.3	9.2	3.1	8.6	3.0	8.8	3.1
Zakarpattia	4.6	1.5	4.9	1.6	4.8	1.6	3.7	1.2	2.8	0.9
Zaporizhia	9.3	2.1	8.7	2.0	10.8	2.5	10.9	2.6	11.0	2.6
Ivano-Frankivsk	6.6	2.3	7.0	2.3	7.3	2.3	6.8	2.1	5.4	1.7
Kyiv	6.4	1.6	6.6	1.6	7.2	1.7	7.2	1.8	7.5	1.8
Kirovohrad	6.6	2.9	7.1	3.0	7.7	3.3	7.9	3.6	8.2	3.7
Luhansk	6.1	1.1	6.6	1.2	8.7	1.6	8.0	1.6	3.6	2.0
Lviv	10.3	1.7	10.8	1.8	11.5	1.9	10.6	1.8	8.8	1.5
Mykolaiv	6.8	2.3	7.4	2.6	8.1	2.7	7.6	2.6	7.1	2.5
Odesa	6.6	1.2	7.2	1.2	7.1	1.2	6.2	1.0	5.8	1.0
Poltava	12.0	3.4	10.2	2.9	10.9	3.1	11.2	3.2	12.1	3.5
Rivne	8.0	3.1	7.9	3.0	7.8	2.9	7.5	2.9	7.2	2.8
Sumy	8.0	3.0	6.9	2.6	7.4	2.9	7.7	2.9	7.0	2.7
Ternopil	6.3	2.7	7.4	3.1	7.9	3.3	7.9	3.4	5.4	2.3
Kharkiv	11.5	1.7	11.6	1.7	11.8	1.7	11.6	1.7	10.2	1.5
Kherson	3.6	1.3	4.6	1.7	5.2	1.9	5.4	2.0	5.5	2.1
Khmelnysk	8.0	2.6	7.6	2.5	7.9	2.6	8.1	2.8	6.6	2.3
Cherkasy	9.1	3.0	10.3	3.4	10.8	3.5	10.1	3.4	10.1	3.4
Chernivtsi	4.8	2.4	5.4	2.6	5.3	2.5	4.9	2.4	4.0	2.1
Chernihiv	7.4	3.1	7.1	3.0	7.1	3.0	6.8	2.9	6.8	2.8
Kyiv city	2.2	0.3	2.9	0.4	3.7	0.5	5.0	0.7	6.0	0.9

Table 7.8 continued

	2010		2012		2013		2014		2015	
	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age
Urban settlements										
Ukraine	269.4	2.0	268.6	2.0	284.8	2.1	283.0	2.1	288.6	2.4
Vinnitsia	9.7	2.8	10.1	2.8	10.3	2.9	9.9	2.7	10.2	2.7
Volyn	7.4	3.4	7.8	3.5	7.4	3.3	6.8	2.9	6.8	2.9
Dnipropetrovsk	23.3	1.8	22.4	1.7	24.6	1.8	24.8	1.9	27.7	2.1
Donetsk	28.1	1.5	23.5	1.3	28.0	1.5	28.7	1.6	18.8	2.6
Zhytomyr	11.3	3.6	11.6	3.6	10.7	3.3	10.0	3.1	10.9	3.3
Zakarpattia	4.5	2.0	5.1	2.2	5.1	2.2	3.8	1.7	3.5	1.6
Zaporizhia	15.7	2.5	13.1	2.0	15.6	2.5	16.8	2.7	19.8	3.2
Ivano-Frankivsk	7.1	2.9	7.9	3.2	7.7	3.1	7.3	2.9	6.8	2.5
Kyiv	9.0	1.9	9.0	1.9	10.2	2.1	10.5	2.0	12.5	2.4
Kirovohrad	8.5	3.0	9.0	3.2	9.1	3.3	9.3	3.4	11.1	4.0
Luhansk	12.6	1.5	13.3	1.6	16.6	1.9	15.0	1.8	7.0	3.0
Lviv	13.1	1.9	14.6	2.1	15.5	2.2	14.5	2.1	14.1	2.0
Mykolaiv	8.6	2.4	9.4	2.6	10.0	2.7	9.7	2.7	10.3	2.8
Odesa	6.9	1.0	7.0	1.0	6.9	1.0	6.3	0.9	7.1	1.0
Poltava	13.6	3.3	11.2	2.7	11.4	2.8	11.9	2.9	14.7	3.5
Rivne	8.1	3.5	8.7	3.8	8.5	3.7	8.2	3.6	8.4	3.6
Sumy	11.7	3.2	10.6	3.0	11.0	3.2	11.0	3.2	12.1	3.5
Ternopil	5.9	2.9	6.8	3.3	7.3	3.6	7.3	3.3	6.0	2.5
Kharkiv	19.2	1.9	18.7	1.8	18.1	1.7	18.3	1.7	19.7	1.9
Kherson	5.4	1.9	6.6	2.4	7.1	2.5	7.4	2.6	8.2	2.9
Khmelnysk	9.0	2.8	8.5	2.5	8.5	2.5	8.3	2.5	8.1	2.5
Cherkasy	11.2	3.3	11.9	3.5	12.2	3.6	11.9	3.5	13.9	4.1
Chernivtsi	3.5	3.2	4.1	3.2	4.0	3.0	3.7	2.4	3.6	2.3
Chernihiv	10.5	3.5	10.1	3.3	9.8	3.2	9.4	3.0	10.5	3.4
Kyiv city	5.5	0.4	7.6	0.6	9.2	0.7	12.2	0.9	16.8	1.2

Table 7.8 continued

	2010		2012		2013		2014		2015	
	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age	thsd. prs.	in percentage to economically active population of working age
Rural areas										
Ukraine	167.4	2.9	181.0	3.1	185.5	3.2	175.6	3.2	172.5	3.2
Vinnitsia	12.3	3.5	14.3	4.2	15.2	4.3	14.0	4.2	13.4	4.0
Volyn	5.0	2.3	4.6	2.1	4.8	2.1	4.6	2.3	4.7	2.4
Dnipropetrovsk	5.8	2.5	6.9	3.0	7.6	3.3	7.2	3.3	7.1	3.2
Donetsk	3.6	1.9	4.4	2.3	5.1	2.7	4.8	2.8	3.7	2.6
Zhytomyr	9.1	3.8	10.3	4.5	9.5	4.0	8.8	4.1	9.6	4.6
Zakarpattia	7.6	2.4	7.9	2.5	7.5	2.4	5.9	1.8	5.5	1.7
Zaporizhia	5.3	2.8	6.4	3.5	7.0	3.8	6.7	3.8	7.1	4.1
Ivano-Frankivsk	7.8	2.7	8.5	2.8	8.9	2.8	8.6	2.8	8.1	2.7
Kyiv	5.8	2.2	6.1	2.2	6.5	2.3	6.5	2.5	7.1	2.7
Kirovohrad	6.1	4.1	6.9	4.5	7.3	4.7	7.4	5.1	7.8	5.5
Luhansk	3.5	2.4	4.2	2.9	4.2	3.0	3.8	3.0	2.7	2.5
Lviv	10.2	2.4	10.1	2.4	10.4	2.5	9.6	2.4	9.1	2.3
Mykolaiv	6.3	3.5	6.9	4.0	7.2	4.1	6.8	3.9	6.8	3.9
Odesa	7.2	2.1	7.6	2.3	7.4	2.2	6.5	2.0	6.7	2.0
Poltava	12.1	4.9	11.3	4.5	11.5	4.5	11.1	4.5	12.4	5.4
Rivne	9.0	3.5	9.2	3.4	8.9	3.3	8.6	3.4	8.7	3.4
Sumy	5.7	4.1	5.2	3.3	5.5	3.5	5.6	3.6	5.3	3.5
Ternopil	6.6	2.8	7.9	3.3	8.0	3.3	7.9	3.5	6.4	3.0
Kharkiv	7.9	3.3	8.8	3.5	8.7	3.5	8.1	3.5	7.7	3.4
Kherson	3.2	1.5	3.8	1.8	4.4	2.1	4.4	2.2	4.7	2.3
Khmelnysk	7.6	3.0	7.3	3.1	7.5	3.2	7.8	3.7	6.9	3.2
Cherkasy	8.7	3.6	10.7	4.5	10.6	4.4	9.7	4.2	10.0	4.3
Chernivtsi	5.8	2.4	6.5	2.8	6.3	2.7	5.7	2.8	5.0	2.4
Chernihiv	5.2	3.1	5.2	3.2	5.2	3.2	5.0	3.3	5.2	3.4
Kyiv city	-	-	-	-	0.3	x	0.5	x	0.8	x

7.9. Duration of registered unemployment, by region, 2015

(at the end of year)

	Number of registered unemployed - total, thsd. prs.	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	490.8	112.8	146.7	107.8	72.1	38.4	13.0	4
Vinnitsya	28.1	8.6	8.7	5.0	3.1	2.0	0.7	3
Volyn	11.7	2.5	3.4	3.0	1.9	0.7	0.2	4
Dnipropetrovsk	37.7	7.5	10.9	9.2	6.5	3.0	0.6	4
Donetsk	21.2	3.9	5.8	5.5	3.5	2.0	0.5	4
Zhytomyr	21.5	4.1	5.7	4.9	3.8	2.0	1.0	5
Zakarpattia	9.0	1.9	2.7	2.3	1.4	0.6	0.1	4
Zaporizhia	28.4	6.0	9.1	6.6	3.9	2.5	0.3	4
Ivano-Frankivsk	14.7	3.1	4.3	3.7	2.2	1.1	0.3	4
Kyiv	20.1	4.4	5.4	4.4	3.6	1.8	0.5	4
Kirovohrad	22.0	5.5	6.3	3.8	2.8	1.8	1.8	5
Luhansk	9.9	2.0	3.3	1.9	1.4	0.8	0.5	4
Lviv	23.9	4.9	7.3	6.5	3.5	1.4	0.3	4
Mykolaiv	19.6	4.6	6.3	3.7	2.6	1.5	0.9	4
Odesa	16.3	4.7	6.4	2.7	1.7	0.6	0.2	3
Poltava	30.4	8.2	8.5	5.9	4.1	3.0	0.7	4
Rivne	16.7	3.1	4.6	4.0	2.6	1.7	0.7	5
Sumy	18.6	3.9	5.7	4.1	3.1	1.4	0.4	4
Ternopil	12.7	3.5	3.9	2.7	1.4	0.9	0.3	4
Kharkiv	29.3	6.7	9.4	6.7	4.2	1.9	0.4	4
Kherson	15.2	3.8	5.8	2.9	1.6	0.8	0.3	3
Khmelnysk	16.9	5.3	5.2	3.0	1.9	1.1	0.4	3
Cherkasy	24.9	6.4	6.7	5.1	3.6	2.3	0.8	4
Chernivtsi	9.1	2.2	2.6	1.8	1.2	0.9	0.4	4
Chernihiv	16.1	3.6	4.5	3.6	2.7	1.3	0.4	4
Kyiv city	16.8	2.4	4.2	4.8	3.8	1.3	0.3	5

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

7.10. Unemployment benefits, by region

(at the end of year)

	2010		2012		2013		2014		2015	
	in average per 1 person, UAH	in percentage to the legally established minimum wage	in average per 1 person, UAH	in percentage to the legally established minimum wage	in average per 1 person, UAH	in percentage to the legally established minimum wage	in average per 1 person, UAH	in percentage to the legally established minimum wage	in average per 1 person, UAH	in percentage to the legally established minimum wage
Ukraine	780	84.6	1 028	90.7	1 152	94.5	1 232	101.1	1 444	104.8
Vinnitsia	796	86.3	974	85.9	1 016	83.4	1 108	90.9	1 375	99.8
Volyn	715	77.6	908	80.1	990	81.3	1 071	88.0	1 330	96.5
Dnipropetrovsk	865	93.8	1 170	103.2	1 372	112.7	1 409	115.6	1 605	116.5
Donetsk	843	91.4	1 273	112.3	1 403	115.2	1 398	114.8	1 362	98.8
Zhytomyr	740	80.2	906	79.9	1 010	82.9	1 103	90.6	1 343	97.5
Zakarpattia	672	72.9	869	76.6	920	75.6	991	81.4	1 174	85.2
Zaporizhia	761	82.5	1 061	93.6	1 107	90.9	1 214	99.7	1 317	95.6
Ivano-Frankivsk	704	76.3	854	75.3	941	77.3	1 000	82.1	1 237	89.8
Kyiv	891	96.6	1 233	108.7	1 442	118.3	1 613	132.4	1 830	132.8
Kirovohrad	734	79.6	958	84.4	1 018	83.5	1 128	92.6	1 317	95.6
Luhansk	794	86.1	1 086	95.8	1 208	99.2	1 215	99.7	1 232	89.4
Lviv	722	78.3	896	79.0	1 008	82.8	1 125	92.4	1 386	100.6
Mykolaiv	774	83.9	947	83.5	984	80.8	1 069	87.8	1 320	95.8
Odesa	724	78.5	1 048	92.4	1 257	103.2	1 321	108.5	1 552	112.6
Poltava	813	88.1	1 048	92.4	1 144	94.0	1 283	105.4	1 511	109.7
Rivne	701	76.0	882	77.8	953	78.3	1 014	83.3	1 235	89.6
Sumy	775	84.1	976	86.0	1 022	83.9	1 142	93.7	1 354	98.3
Ternopil	680	73.8	848	74.8	902	74.1	1 004	82.4	1 231	89.3
Kharkiv	769	83.4	1 031	90.9	1 119	91.9	1 233	101.3	1 399	101.5
Kherson	724	78.5	928	81.8	1 013	83.2	1 049	86.1	1 304	94.6
Khmelnitsk	725	78.6	932	82.2	1 033	84.8	1 159	95.1	1 400	101.6
Cherkasy	779	84.5	994	87.7	1 089	89.4	1 177	96.7	1 387	100.7
Chernivtsi	734	79.6	888	78.3	967	79.4	1 076	88.3	1 346	97.7
Chernihiv	746	80.9	955	84.2	1 083	88.9	1 179	96.8	1 404	101.9
Kyiv city	1 894	205.4	2 460	217.0	2 788	228.9	2 706	222.2	3 143	228.1

7.11. Registered unemployed, by age group, sex and region, 2015

(at the end of year)

	Number of registered unemployed - thsd. prs.	by age group (years), in percentage to the total								
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 and over
Total										
Ukraine	490.8	1.8	9.3	13.8	14.9	13.7	12.9	11.9	12.6	9.1
Vinnitsia	28.1	1.9	9.2	12.7	13.2	12.8	14.3	13.5	13.7	8.7
Volyn	11.7	3.0	12.1	15.2	14.9	14.2	11.7	9.7	10.4	8.8
Dnipropetrovsk	37.7	1.2	9.4	15.0	15.9	13.9	12.4	11.5	12.4	8.3
Donetsk	21.2	1.5	8.7	13.7	15.9	13.9	12.5	11.9	12.8	9.1
Zhytomyr	21.5	2.6	11.0	13.6	14.9	14.4	13.9	12.4	10.8	6.4
Zakarpattia	9.0	2.6	8.7	13.2	15.3	13.4	12.1	10.6	12.6	11.5
Zaporizhia	28.4	1.2	8.9	14.5	15.1	13.7	12.6	11.6	12.7	9.7
Ivano-Frankivsk	14.7	4.5	12.9	14.2	15.0	12.3	10.4	9.4	11.3	10.0
Kyiv	20.1	1.3	9.1	15.2	16.1	14.5	13.9	13.1	11.1	5.7
Kirovohrad	22.0	1.4	9.4	13.9	14.2	13.5	13.6	12.6	12.7	8.7
Luhansk	9.9	1.0	6.6	11.9	13.4	13.8	13.3	14.1	14.9	11.0
Lviv	23.9	3.8	12.9	14.6	15.2	12.8	10.8	9.8	11.3	8.8
Mykolaiv	19.6	1.8	8.2	13.5	15.2	14.9	12.8	11.7	12.6	9.3
Odesa	16.3	1.4	6.5	11.4	13.4	14.3	14.8	13.2	14.9	10.1
Poltava	30.4	1.2	8.8	14.1	14.6	13.6	13.1	12.9	12.8	8.9
Rivne	16.7	3.1	12.9	14.5	15.1	14.1	11.5	11.0	10.1	7.7
Sumy	18.6	1.3	8.8	13.6	14.7	13.2	12.7	12.4	12.9	10.4
Ternopil	12.7	3.9	12.1	12.2	13.3	11.6	11.5	11.2	13.3	10.9
Kharkiv	29.3	1.1	7.4	13.1	14.7	13.8	13.4	12.3	13.8	10.4
Kherson	15.2	1.4	8.3	13.6	14.9	13.7	12.6	11.6	13.0	10.9
Khmelnysk	16.9	2.3	9.6	12.9	13.4	12.8	12.8	12.2	13.5	10.5
Cherkasy	24.9	1.3	8.6	13.4	14.7	14.0	14.1	12.8	12.8	8.3
Chernivtsi	9.1	2.1	10.0	13.4	14.1	13.1	11.7	11.9	12.4	11.3
Chernihiv	16.1	1.2	9.0	14.2	14.6	13.5	13.3	11.6	12.7	9.9
Kyiv city	16.8	0.2	5.0	15.7	19.5	15.6	12.9	10.2	11.8	9.1

Table 7.11. continued

	Number of registered unemployed - thsd. prs.	by age group (years), in percentage to the total								
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 and over
Women										
Ukraine	276.8	1.9	10.5	15.0	16.1	14.1	13.0	11.8	12.3	5.3
Vinnitsia	14.0	2.0	9.7	13.7	15.1	13.6	14.4	13.2	13.3	5.0
Volyn	6.8	3.4	14.0	15.5	16.0	14.7	11.4	9.9	10.7	4.4
Dnipropetrovsk	22.2	1.3	10.6	15.9	16.5	14.1	12.5	11.5	12.3	5.3
Donetsk	12.9	1.5	9.4	14.9	16.8	13.8	12.8	11.9	13.1	5.8
Zhytomyr	11.9	2.8	11.9	14.2	15.0	14.9	14.4	12.7	10.6	3.5
Zakarpattia	6.1	2.8	10.1	14.2	16.2	13.0	12.6	11.0	12.6	7.5
Zaporizhia	16.0	1.2	9.9	16.0	16.6	14.0	12.7	11.5	12.5	5.6
Ivano-Frankivsk	9.3	4.9	15.2	15.5	15.7	12.5	10.6	9.5	10.5	5.6
Kyiv	11.7	1.2	10.1	16.6	17.5	15.0	13.3	13.2	10.0	3.1
Kirovohrad	11.5	1.3	10.5	14.6	15.1	13.8	14.2	12.4	12.8	5.3
Luhansk	5.5	1.0	7.8	13.5	14.7	15.0	12.9	13.8	14.5	6.8
Lviv	14.5	3.9	15.3	15.8	15.9	12.2	10.8	10.0	11.3	4.8
Mykolaiv	10.9	1.5	9.1	14.6	16.6	15.6	12.8	11.6	12.7	5.5
Odesa	8.7	1.3	6.8	12.3	14.6	15.2	15.3	13.2	15.2	6.1
Poltava	15.6	1.2	9.6	15.0	15.8	14.2	13.2	13.0	12.8	5.2
Rivne	9.5	3.3	15.3	15.3	16.1	14.0	11.4	11.3	9.1	4.2
Sumy	10.6	1.4	10.1	15.4	16.7	13.9	12.7	11.8	12.4	5.6
Ternopil	6.9	4.3	16.1	14.6	15.2	12.5	11.0	10.6	10.9	4.8
Kharkiv	17.0	1.1	8.2	14.7	16.0	14.4	13.8	11.9	13.9	6.0
Kherson	8.3	1.3	8.1	14.6	16.5	13.6	13.2	12.4	13.7	6.6
Khmelnysk	8.5	2.7	11.6	13.8	14.6	13.6	12.6	11.9	13.3	5.9
Cherkasy	13.8	1.3	9.7	14.7	16.1	14.5	14.4	12.4	12.1	4.8
Chernivtsi	4.8	2.4	11.6	14.3	15.7	13.1	12.1	12.3	11.7	6.8
Chernihiv	8.8	1.1	10.0	15.9	15.4	14.3	13.8	11.5	12.4	5.6
Kyiv city	11.0	0.3	5.8	17.3	20.8	15.8	12.8	9.9	11.9	5.4

Table 7.11. continued

	Number of registered unemployed - thsd. prs.	by age group (years), in percentage to the total								
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 and over
Men										
Ukraine	214.0	1.7	7.7	12.2	13.3	13.2	12.8	12.1	12.9	14.1
Vinnitsia	14.1	1.9	8.8	11.6	11.4	12.0	14.1	13.8	14.1	12.3
Volyn	4.9	2.5	9.5	14.7	13.5	13.5	12.1	9.4	10.0	14.8
Dnipropetrovsk	15.5	0.9	7.7	13.8	15.0	13.5	12.2	11.7	12.6	12.6
Donetsk	8.3	1.3	7.7	11.8	14.5	14.1	11.9	11.9	12.5	14.3
Zhytomyr	9.6	2.5	9.9	12.9	14.9	13.7	13.3	12.0	10.9	9.9
Zakarpattia	2.9	2.1	5.7	11.0	13.5	14.4	11.1	9.8	12.5	19.9
Zaporizhia	12.4	1.2	7.7	12.4	13.3	13.3	12.4	11.6	13.1	15.0
Ivano-Frankivsk	5.4	3.8	8.9	11.8	13.9	12.1	10.0	9.2	12.8	17.5
Kyiv	8.4	1.4	7.7	13.2	14.0	13.8	14.8	13.1	12.7	9.3
Kirovohrad	10.5	1.5	8.2	13.1	13.2	13.2	12.9	12.9	12.6	12.4
Luhansk	4.4	1.1	5.2	9.9	11.8	12.2	13.8	14.4	15.4	16.2
Lviv	9.4	3.5	9.2	12.6	14.1	13.9	10.9	9.6	11.3	14.9
Mykolaiv	8.7	2.1	7.0	12.1	13.5	14.1	12.9	11.7	12.5	14.1
Odesa	7.6	1.5	6.2	10.2	12.2	13.2	14.2	13.2	14.5	14.8
Poltava	14.8	1.3	8.0	13.1	13.3	13.0	13.0	12.8	12.8	12.7
Rivne	7.2	2.9	9.7	13.4	13.7	14.2	11.7	10.5	11.5	12.4
Sumy	8.0	1.2	7.0	11.2	12.1	12.2	12.8	13.1	13.6	16.8
Ternopil	5.8	3.3	7.3	9.4	11.0	10.5	12.0	12.0	16.2	18.3
Kharkiv	12.3	1.1	6.4	11.0	12.8	12.8	13.0	12.9	13.7	16.3
Kherson	6.9	1.5	8.4	12.4	13.0	13.9	12.0	10.8	12.1	15.9
Khmelnysk	8.4	1.9	7.5	11.9	12.2	12.0	13.0	12.6	13.7	15.2
Cherkasy	11.1	1.4	7.2	11.8	12.9	13.3	13.8	13.4	13.7	12.5
Chernivtsi	4.3	1.7	8.1	12.4	12.3	13.1	11.1	11.5	13.3	16.5
Chernihiv	7.3	1.3	7.8	12.1	13.7	12.5	12.8	11.7	13.1	15.0
Kyiv city	5.8	0.2	3.5	12.5	17.1	15.4	12.9	10.9	11.5	16.0