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**PECULIARITIES OF DEMOGRAPHIC PROCESSES AND LABOR
MARKETS DEVELOPMENT DURING THE TRANSITION PERIOD IN
KAZAKHSTAN**

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Introduction

With the acquisition of independence in the year of 1991 and the beginning of the transformation of Kazakhstani economics into the marketing one, the functioning of the national labor market comes to be related to different factors. Among them first of all it is necessary to mention the impact of political, economic, social and demographic factors. The importance of the degree and significance of each of them is rather difficult to define and overestimate, however, the major part of the demographic factor can not be unnoticed. It is necessary to note that the influence of demographic processes on functioning of the labor markets and employment in the Republic of Kazakhstan should not be viewed unilaterally. It is necessary to note that the processes themselves, which took place and are taking place now in functioning of the labor markets had made and are making a considerable impact on the demographic changes, which took place and are taking place now. It means that by revealing genetic relations between demographic processes, on the one hand, and the processes taking place in the sphere of the labor markets and employment it is rather difficult to state one-to-one and indisputably which one of them was and is the original cause in the republic. Of course, quite logically sounds the statement that with the decrease of the number of the population lowered the number of labor force on the labor markets. But also quite logical is another statement, which says that with the change on the labor markets of procedures of hiring and discharging conditions of women the demographic situation has changed and is changing, the

birth rate, in particular. These interinfluencing each other processes basically were and are taking place in the Republic of Kazakhstan. However, for the purposes of simplicity and convenience we will show in the present article the processes that had taken place in the Republic of Kazakhstan in demographic changes and in the sphere of labor markets and employment in the following order. At first we will show the picture of changes that had taken place in demographic processes and then the changes that had taken place in the sphere of the labor markets and employment.

I. Demographic Processes of the Population of the Republic of Kazakhstan during the Transition Period

1.1. Factors influencing the demographic processes in the Republic of Kazakhstan

The demographic processes in the country during the transition period have been influenced by a considerable number of factors. In general they may be divided into 4 major groups:

- political;
- ethno-cultural;
- social-economic;
- natural-climatic, ecological.

The impact of this group of factors on the demographic situation in the country in various periods was not the same and much depended upon the region of residence of a definite group of ethnoses. Their influence was connected with space and time aspects.

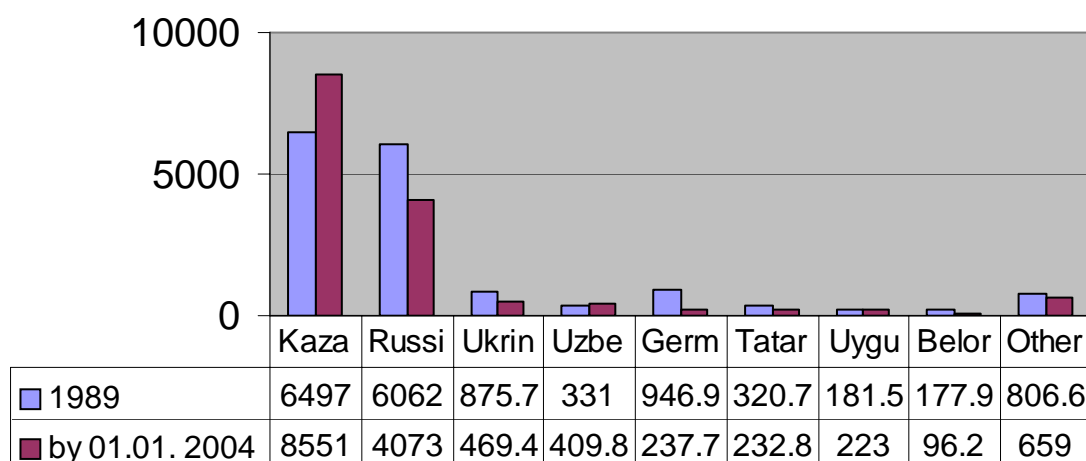
Thus, for instance, at the end of 80-ies and the beginning of 90-ies, with the democratization of the Former Soviet Union in Kazakhstan the greatest influence on the demographic situation was rendered by the political factor. In 1991 the balance of migration with former soviet social republics of Soviet Union was positive + 10957 persons. At the same year the balance of migration with capitalist's countries of far abroad was negative – 68643 persons. Gorbachov's political reforms, opening of frontiers with capitalist countries, free coming and going, removal of the so-called "iron curtain" that is the political reforms made it possible for a significant number of citizens to leave Kazakhstan to the USA, West German, Israel, Greece.

Leaving for their historical homeland of Russians, Tartars, Belorussians, Ukrainians, Germans points to the fact that alongside with political factors a certain share in the

demographic situation in the Republic of Kazakhstan was made and are making by ethno-cultural factors. (Figure 1)

Figure 1.

The ethnic structure of population of Kazakhstan, thsd. persons



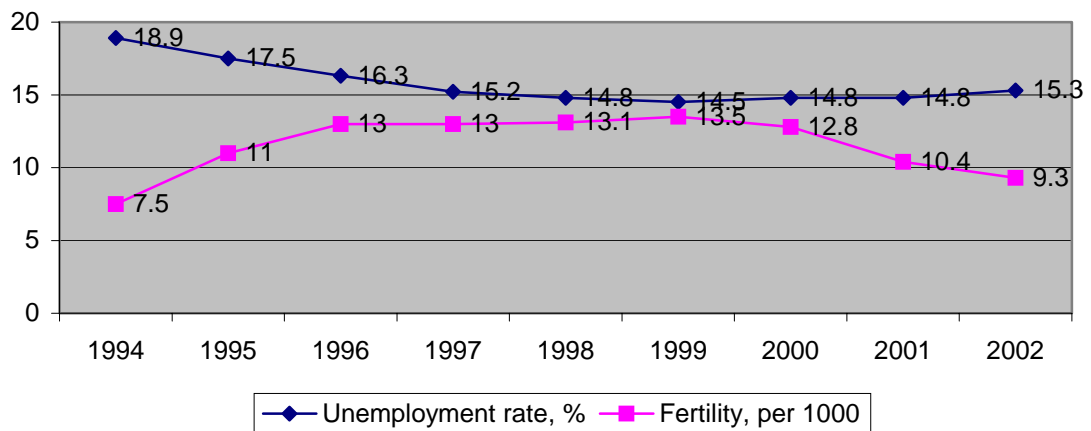
Source: A. Daurenbekov. Demographic portrait of the Astana city. Statistics management. Astana city, 2001; K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press realize Almaty, 25..02. 2004

From 1989 to beginning 2004 mainly because of high emigration the number of Russians is declined from 6062.0 to 4072.6 thsd. persons (32.9%) the number of Ukrainians is declined from 875.7 to 469.4 thsd. persons (46.4 %),the number of Germans is declined from 946.9 to 237.7 thsd. persons (74.9 %), the number of Tatars is declined from 320.7 to 232.8 thsd. persons (27.5%), the number of Belorussians is declined from 177.9 to 96.2 thsd. persons (46.0 %).

With the realization of market transformations the social and economic group of factors influenced the demographic situation in the country. The absence of permanent work and high unemployment (especially among young generation) lead to the decreasing of the number of marriages. Automatically, the decreasing of the number of marriages leads to declining of the birth rate. The figure 2 shows the trends of Unemployment and Fertility in Kazakhstan from 1994 to 2002.

Figure 2.

Trends of Fertility and Unemployment in Kazakhstan from 1994 to 2002



Source: Kazakhstan 1991-2002. Informational-Analytical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002; Statistical yearbook of Kazakhstan 2003 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

As can be seen from Figure 2, the unemployment from the year of 1994 through the year of 1999 had a tendency of increasing and at the same time the fertility had tendency of falling. And opposite, the unemployment from the year of 2000 through the year of 2002 had a tendency of falling and the fertility had tendency of increasing. Calculation of a correlation dependence between these two factors show the a high level of a negative correlation (-0.66393)

The ecological factor and the changing of natural-climatic conditions made a grave influence on the demographic situation in Kazakhstan. This factor makes its influence both on the mechanical and natural movement. On account of unfavorable natural-climatic conditions there is observed a certain outflow of the population from ecologically unfavorable regions to more safe regions and abroad. As, for instance, in 2002 year the balance of migration the regions adjoining the desiccating the Aral Sea, and nuclear Semipalatinsk polygon was negative. 8490 persons emigrated from these regions to other regions of the country.

On the whole, characterizing the impact of the above-mentioned group of factors on the demographic situation in the country, in space and time profile it is necessary to note that if at the beginning of the 90-ies prior to the beginning of economic reforms the most significant were political reasons, in the middle of the 90-ies the economic reasons prevailed. At the present moment the predominant role is played by social, ecological (decrease in the poverty level, increase in the health care level, education) factors. The above-mentioned gradation of

factors having influenced and influencing the demographic situation in the Republic of Kazakhstan does not suggest that they have acted and are acting discretely and separately. They have acted and do act together but some of them on a definite stage become stronger and more significant, others less significant and marked.

The impact of the above-mentioned factors in the Republic of Kazakhstan during the transformation period has been expressed in the change of the number of the population in the country in the result of the decrease in birth rate, mortality increase, and high emigration. For the purpose of more concrete presentation of this picture we will show it in the following sections in details.

1.2. The Change in the Number of the Population of the Country

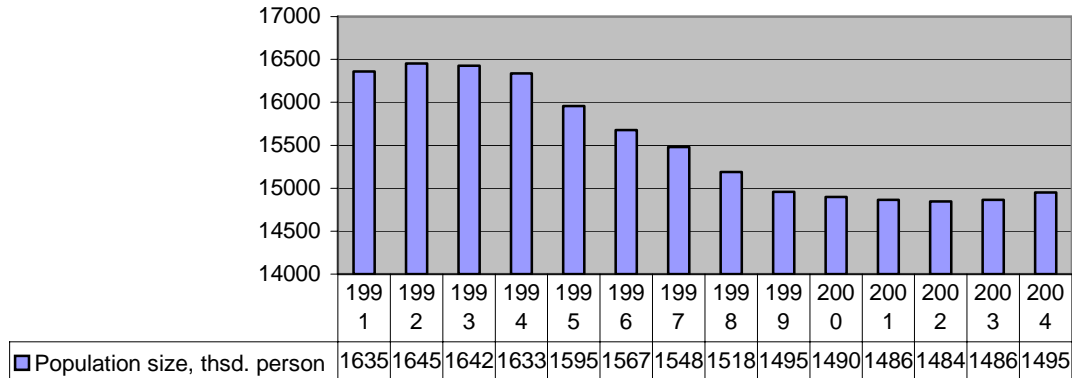
The change in the number of the population has turned out to be one of the major problems in the Republic of Kazakhstan during the transition period (Figure 3). As can be seen from diagram 1 for 13 years the number of the population of the country had decreased from 16358.2 thousand people in 1991 to 14951.3 thousand people by the beginning of the year 2004 and the general decrease made up 1406.9 thousand people (8.6 %) that is almost a million and a half. It should be noted separately that if until the year of 2002 in the republic there was observed a stable decrease in the number of the population, in 2002 that tendency had been broken, and in the country for the first time there was observed a slight growth by 16.5 thousand people.

On the whole the major decrease in the number of the population had occurred for account of the urban sector. Thus, if in 1991 the number of the urban population made up 9366.9 thousand people, by the beginning of the 2004 it made up 8479.1 thousand people or decreased by 887.8 thousand people (9.5%). At this very period the number of the rural population had decreased from 6991.3 thousand people to 6472.2 thousand people correspondingly or by 519.1 thousand people (7.4%). As a result of changes that took place for 13 years the share of the urban population decreased from 57.3% to 56.7%, and that of the rural one increased from 42.7% to 43.3%.

Concerning the gender changes it should be noted that for the analyzing period the ratio between men and women had slightly changed. Thus, if in 1991 the number of people in the republic was 7912.2 thousand people men (48.4 %) and 8446.0 thousand people women (51.6 %), that is for 1000 men there were 1067 women, by the beginning of the year 2004 men constituted 7199.1 thousand people (48.2%) and women 7752.2 thousand people (51.8 %) or for 1000 men were 1077 women.

Figure 3.

Total population size in Kazakhstan, at the beginning of year



Source: Kazakhstan 1991-2002. Informational-Analytical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002; Statistical yearbook of Kazakhstan 2003 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press realize Almaty, 25..02. 2004

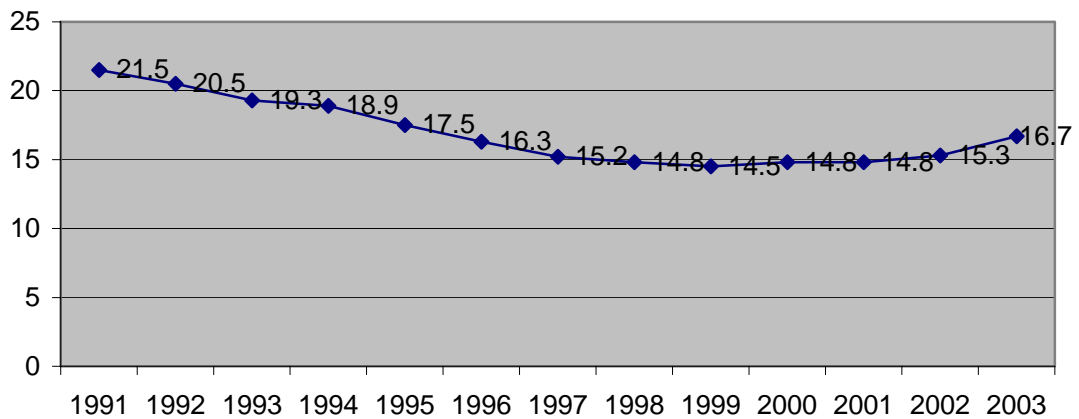
The expected life duration at birth in the year of 2003 of the total population was estimated at 65.9 years, besides that of men at 60.5 and that of women at 71.5 years. That is life duration of women exceeds in the republic that of men for 11.0 years.

1.3. The Natural Movement of the Population in the Republic of Kazakhstan

Change in birth rate. On the whole in Kazakhstan for 13 years the level of birth rate decreased from 21.5 pro mille in the year of 1991 up to 16.7 pro mille in the year of 2003. Besides that was characteristic for the town and not for the village. Most strongly this tendency was manifested in northern regions of the republic and it was less in southern regions. At the same time the tendency to birth rate decrease during this period of time was not stable. (Figure 4). As can be seen from figure 4, if from the year of 1991 through the year of 1999 in the republic there was observed a stable decrease in birth rate from 21.5 pro mille to 14.2 pro mille correspondingly, from the year of 2000 here can be noticed the growth. Thus, if in the year of 2000 it was 14.8 pro mille, in the year of 2003 it has grown to 16.7 pro mille.

Figure 4.

Fertility in Kazakhstan (per 1000 person)



Source: Kazakhstan 1991-2002. Informational-Analytical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002; Statistical yearbook of Kazakhstan 2003 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press realize Almaty, 25..02. 2004

Over the length of the transition period the birth rate in the republic had decreased under the influence of a complex of variously directed factors. First of all, the birth rate decrease was told by: the change in the living standard of the population; the change in the number of marriages; education level, culture, way of life, traditions; deterioration of the ecological situation some of the regions of the country, etc.

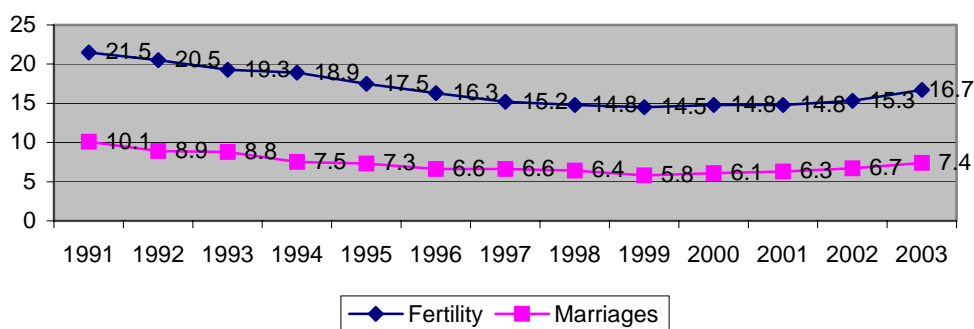
The absolute and relative decrease in the number of marriages made a negative influence on the birth rate. If in the year of 1991 the number of concluded marriages by the republic made up 165.2 thousand, in the year of 2003 – 110.4 thousand. The ratio of marriages for that period decreased from 10.1 per 1000 people of the population to 7.4. The interrelation between the changes in the ratio of marriages and birth rate in the Republic of Kazakhstan is very high. As can be seen from figure 5, both the birth rate and the number of marriages from the year of 1991 through the year of 1999 had a tendency of almost a stable falling. From the year of 2000 both the birth rate and the number of marriages had a tendency of a stable growth.

It should be specially noted that of late in the republic there was observed a growth in the number of children born of women not registered in marriage. Thus, if in the year of 1999 they gave birth to 51.0 thousand people, in the year of 2002 – 58.8 thousand. This amounted in percentage out of the total number of those born in the year of 1999 to 23.6%, and in the year

of 2002 to 25.9%. It means that at present almost every fourth child in Kazakhstan is born of a woman not registered in marriage.

Figure 5.

Fertility and Marriages ratio in Kazakhstan, per 1000 person



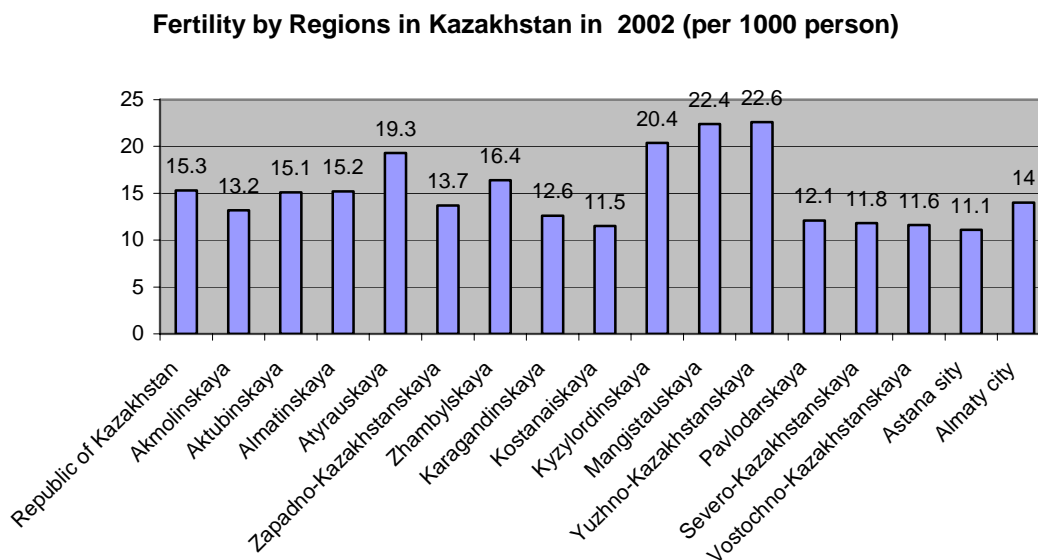
Source: Kazakhstan 1991-2002. Informational-Analytical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002; Statistical yearbook of Kazakhstan 2003 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press realize Almaty, 25..02. 2004

The given tendency suggests about certain changes in the way of life, culture, and traditions in Kazakhstan. On the whole the growth in this tendency in the future may lead to the change in traditional foundations of the family and to the appearance of new moral and ethical relations between different generations. The comparison between the decrease in birth rate and the number of divorces shows the absence of any interrelation between them. In the year of 1991 in the republic there were registered 48.5 thousand divorces or 3.0 per 1000 people. In the year of 2003 there were registered 31.7 thousand divorces or 2.1 per 1000 people. Despite the fact that the number of divorces during the transition period decreased, the birth rate did not increase, but on the contrary, as it was mentioned above, it was decreased.

During the transition period the decrease in birth rate took place in all the regions of the country and in two cities of capital importance – Astana, the so-called Northern capital and Almaty, the so-called Southern capital. Besides it was most prominently exhibited in 2 northern and 2 eastern regions of the republic (North Kazakhstan, Kostanai, East Kazakhstan, Pavlodar). In the year of 2002 total ratios of birth rate in average by the republic were at 15.3 pro mille in North Kazakhstan – 11.8, Kostanai – 11.5, East Kazakhstan – 11.6, Pavlodar - 12.1. (Figure

6)The least proportion of birth rate was in this year in Northern capital Astana and made up 11.1 pro mille.

Figure 6.



Source: Demographic yearbook of Kazakhstan 2002 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

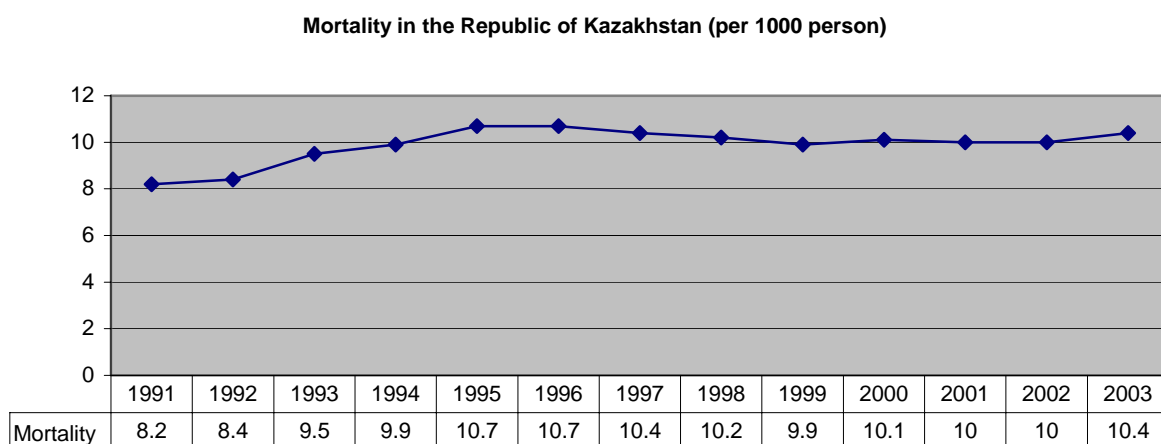
In comparison with northern regions, the highest birth rate was marked in 3 southern regions – South - Kazakhstan, Kyzylorda, Zhambyl and 2 western ones – Mangystau and Atyrau regions of the country. It should be noted that in South Kazakhstan and Mangystau regions the highest birth rate was more prominent in rural places than in the town. A relatively high level of birth rate in southern and western regions of the republic, where the density of rural residents is higher and a great percent of the Kazakh population provide mainly the natural growth of the population of the country. In those regions, where predominantly lives the Kazakh population, the birth rate is much higher than the average republican level.

One of the reasons of a considerable growth of the Kazakh population during the transition period is not only the high degree of emigration of other ethnic groups from the country and the immigration of the Kazakhs to their historical homeland, but also a higher degree of birth rate. Thus, for instance, if the Russians confine themselves to mainly two children in urban areas and to three – in rural ones, the Kazakhs –to three children in urban areas and to four children – in rural ones.

Mortality. In Kazakhstan during the transition period the problem of the growth of the mortality level of the population has been and is one of the most acute social problems. The

most significant growth of mortality took place in the first half of the 90-ies. (Figure 7). If in the year of 1991 the mortality was 8.1 pro mille, by the year of 1995 it had reached 10.7 pro mille. In the second half of the 90-ies the mortality decreased and made up in the year of 2000 10.1 pro mille. For the last years the mortality growth has been somewhat stabilized, but its level remains high as before – 10.0 pro mille in the year of 2001, 10.0 pro mille in the year of 2002 and 10.4 pro mille in the year 2003 .

Figure 7.



Source: Kazakhstan 1991-2002. Informational-Analytical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002; Statistical yearbook of Kazakhstan 2003 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press release, Almaty, 25. 02. 2004

On the whole during the period of reforms in the republic 2112.9 thousand people died, besides the peak of mortality was observed in the year of 1995. In that year in the republic 168.7 thousand people died. In the year of 2003 154.8 thousand people died in the country.

The chief reasons for the mortality in the republic are cardio-vascular diseases, accidents, traumas, murders, and regeneration. Half of the mortality cases are connected with diseases of the blood circulation system, rating first in the structure of death causes (Table 1). Mortal cases from malignancy make up around 13 %. Accidents, poisoning and traumas make up approximately 14% of death cases. Breath organs disease make up 6.6% of death cases, digestion organs – more than 4%, infectious and parasitic diseases more than 3% and all others make up 8.7%.

Table 1. Chief mortality reasons in Kazakhstan in 1996-2002, %

	1996	1997	1998	1999	2000	2001	2002
Total dead	100	100	100	100	100	100	100
of:							
Blood circulation diseases	47.6	47.7	48.6	49.8	49.8	49.8	50.7
Regenerations	12.8	13.0	13.1	13.3	12.9	13.0	12.8
Accidents, poisoning and traumas	14.0	13.5	13.5	13.3	14.2	14.8	13.9
Breath organs diseases	8.7	8.0	7.3	7.0	7.1	6.6	6.6
Digestion organs diseases	3.6	3.7	3.6	3.6	3.8	4.1	4.2
Infectious and parasitic diseases	4.6	4.9	4.8	3.9	3.4	3.1	3.1
Other reasons	8.7	9.2	9.1	9.1	8.7	8.8	8.7

Source: Demographic yearbook of Kazakhstan 2002 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

In the republic the mortality of men is much higher than that of women. High degrees of the mortality of men against women is first of all connected with alcoholism. Due to alcoholism men's high mortality is from accidents, poisoning and traumas. Basically, the problem of high alcoholism among men was also in the pre-reforming period, till M. Gorbachev started in the year of 1985 one of his first reform “the fight with drinking and alcoholism”. However, at that time the problem was not solved and in addition to it more reasons were added. At the present period of time the high mortality with men is connected with considerable social and economic transformations taking place during the social and economic transformations taking place during the period of social, economic and political reforms. Men psychologically and morally could bear heavier and still bear transformations taking place at the present moment. All this has lead to that that they have a high percent of insults, infarctions, nervous breakdown, suicide, etc.

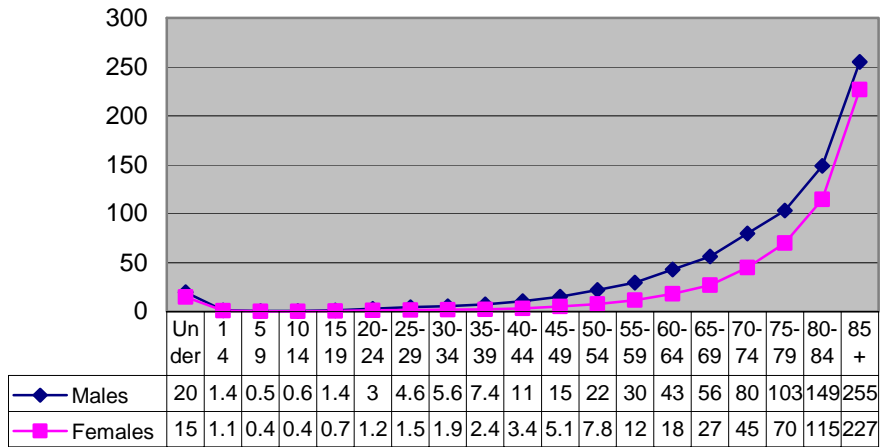
The mortality with men exceeding the mortality among women are also infectious and parasitic diseases, diseases of breath organs and the blood circulation system.

Figure 8. Presents the mortality level by age groups, its distinguishing feature being a high mortality with men as compared with women's mortality.

Characterizing the mortality by regions, it should be noted that it has a clearly defined picture in contrast to the birth rate. If in the northern and eastern regions of Kazakhstan the lowest birth rate is observed, unfortunately here a high degree of mortality is observed too. (Figure 9)

Figure 8.

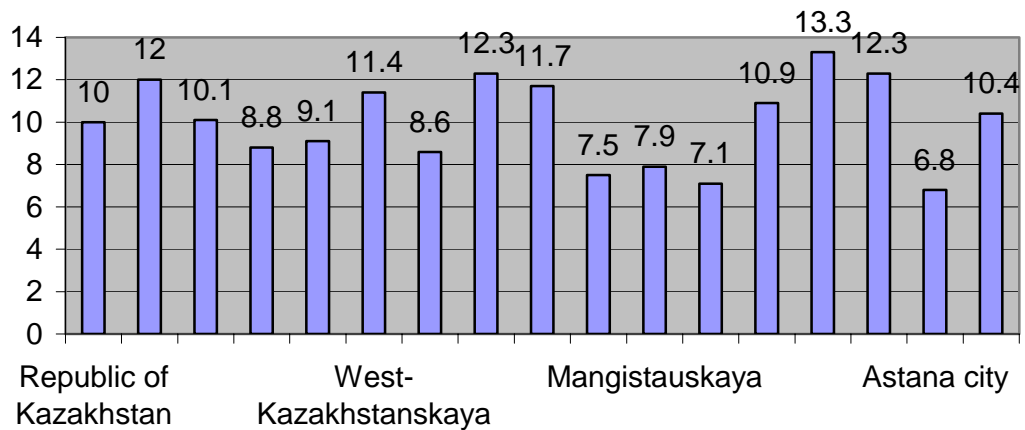
Age mortality ratio of the year of 2002 (per 1000 people)



Source: Demographic yearbook of Kazakhstan 2002 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

Figure 9.

Mortality by regions in Kazakhstan in 2002, per 1000 person



Source: Demographic yearbook of Kazakhstan 2002 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

Besides, namely in those regions where the lowest birth rate is observed. In particular in the year of 2002 under average republican meaning at 10.0 pro mille in North Kazakhstan region the mortality made up 13.3 pro mille, in Kostanai – 11.7. In East Kazakhstan region it has made up – 12.3 pro mille and in Pavlodar – 10.9.

In addition to these four regions of northern and eastern Kazakhstan a high degree of mortality is observed also in two regions of central and one region of western Kazakhstan. In particular, in Karaganda and Akmolinsk regions that present central Kazakhstan, the mortality in the year of 2002 was 12.3 and 12.0 pro mille correspondingly. In west Kazakhstan region it was 11.4 pro mille.

In contrast to north-eastern and central regions of Kazakhstan with the high degree of mortality, in 2 southern (South Kazakhstan and Kyzylorda) and in one western (Mangystau) regions of the republic the lowest degree of mortality is observed. As it was mentioned above in the year of 2002 under average republican meaning at 10.0 pro mille in South Kazakhstan, Kyzylorda and Mangystau regions the mortality was 7.1 pro mille, 7.5 pro mille and 7.9 pro mille correspondingly.

It should be noted that in all the regions a high degree of mortality in towns exceeded the mortality in rural areas. Speaking about two cities of the Republican significance it should be noted that the lowest mortality was observed this year in the new northern capital Astana - 6.1 pro mille.

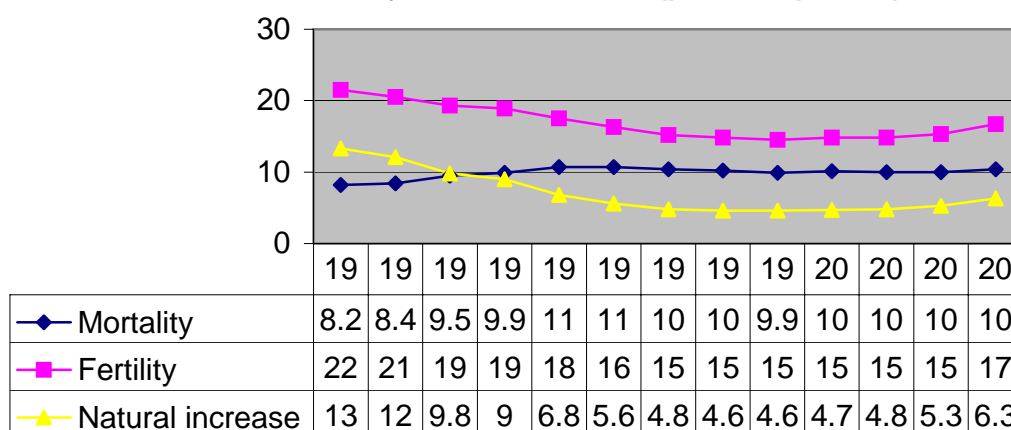
Characterizing the mortality by regions, it should be noted about a high degree of the mortality from blood circulation diseases in East Kazakhstan region. A high level of oncological mortality is observed in Almaty, East Kazakhstan, Pavlodar, West Kazakhstan and Kostanai regions. The morbidity with blood and hemogenic organs diseases in Kyzylorda region is much higher than in average by the Republic, which is evidently connected with ecological and social and economic conditions of the region, desiccation of the Aral Sea.

The natural movement. On the whole the analysis of the natural movement in the Republic of Kazakhstan shows its impetuous falling till the year of 1998 and its growth by the year of 2002. (Figure 10) if in the year of 1991 in the republic the natural growth made up 13.3 pro mille, in the years of 1998 and 1999 it was 4.6 pro mille. By the year of 2002 the natural growth of the population rose up to 5.3 pro mille. The chief reasons for such a tendency in the natural growth were the changes in birth rate and mortality presented above. That is the mortality increase in the first half of the 90-ies and then its decrease and stabilization by the year of 2002, on the one hand, and decrease in birth rate till the year of 1999 and then its increase, on the other.

On the whole, the natural growth of the population in Kazakhstan occurred and does occur for account of residents living in southern and western regions of the country and decreases for account of industrially developed regions of central, eastern and northern Kazakhstan.

Figure 10.

The natural movement of population Of the Republic of Kazakhstan in the years of 1991-2003 (per 1000 person)



Source: Kazakhstan 1991-2002. Informational-Analytical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002; Statistical yearbook of Kazakhstan 2003 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press realize Almaty, 25..02. 2004

1.4. Mechanical movement of the population in the Republic of Kazakhstan

Emigration. In the Republic of Kazakhstan during the transition period are observed high rates of emigration. From the year of 1991 through the year of 2002 the country was emigrated by 2125.9 thousand people.

The high degree of emigration in Kazakhstan has historical roots. First of all it is predetermined by mass movements of peasants from Russia to Kazakhstan, which took place in the past. Especially it was characteristic of the end and the beginning of the 20-th century during the period of conducting in Russia of Stolypin's reforms, at the time of establishing the Soviet power in Kazakhstan, during the period of collectivization, the confiscation of well-to-do peasants (kulaks). Many people came to Kazakhstan as a result of political repression. Up to World War II in the result of Stalin's repression to Kazakhstan were deported the Koreans, the Jews, the Russians, representatives of other nationalities. During World War II to Kazakhstan were deported the Germans, the Chechens and other Caucasian nations. After World War II people from other republics of the former Soviet Union kept coming in connection with exploration virgin lands in the north of the country and gigantic constructions taking place at that period in Kazakhstan.

At the time of the collapse of the Soviet Union (the second half of the 80-ies) and upon the acquisition of independence by the Republic of Kazakhstan many nations residing in Kazakhstan started to return to their historical homeland, or emigrate to other countries.

On the whole the chief reasons for emigration in Kazakhstan during the transition period were the following main factors: political; social and economic; ethno-cultural. The influence of these factors can be provisionally divided into several stages in relation to the rates of emigration.

The first stage of emigration (the year of 1991) was connected primarily with the continuation of political reforms realized yet within the framework of the former Soviet Union. *As it was mentioned at first chapter* the opening by Gorbachev M.S. of external frontiers of the USSR, elimination by him of the so-called “Soviet Iron Curtain” gave an opportunity to the Germans, the Jews, the Greeks, etc. to return to their ancient historical homeland. In the year of 1991 when the Republic of Kazakhstan gained its political independence, has continued the policy of “open doors” and many citizens continued their emigration to the far abroad countries– USA, Germany, Israel, Canada, Greece and other capitalist countries. (Table 2, Figure 11).

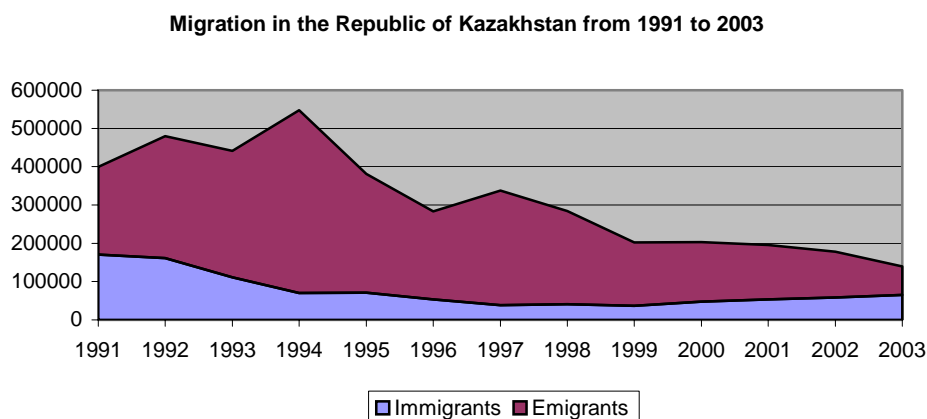
Table 2. Interstate Migration in the Republic of Kazakhstan from the years of 1991 through 2002

Years	Total			Of which					
	Balance of migration	Immigrants	Emigrants	Near abroad*)			Far abroad		
					Immigrants	Emigrants		Immigrants	Emigrants
1991	-57686	170787	228473	+10957	161738	150781	-68643	9049	77692
1992	-156261	161499	317760	-68741	148165	216906	-87520	13334	100854
1993	-219025	111082	330107	-129568	100075	229643	-89457	11007	100464
1994	-406679	70389	477068	-308190	63863	372053	-98489	6526	105015
1995	-238495	71137	309632	-140654	67861	208215	-98141	3276	101417
1996	-175538	53874	229412	-104436	51236	155672	-71102	2638	73740
1997	-261388	38067	299455	-203788	35530	239318	-57600	2537	60137
1998	-203039	40624	243663	-155526	38340	193866	-47513	2284	49797
1999	-128355	37102	165457	-85358	35366	20724	-42997	1736	44733
2000	-108307	47442	155749	-73247	43460	116707	-35060	3982	39042
2001	-88162	53548	141710	-51077	49932	101009	-37085	3616	40701
2002	-61988	58162	120150	-31099	54159	85258	-30889	4003	34892
2003	-8378	65461	73839						

*) 1991-1994 years – including Baltic countries.

Source: Kazakhstan 1991-2002. Informational-Analytical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002; Statistical yearbook of Kazakhstan 2003 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press realize Almaty, 25..02. 2004

Figure 11.



Source: Kazakhstan 1991-2002. Informational-Analytical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002; Statistical yearbook of Kazakhstan 2003 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press realize Almaty, 25..02. 2004

In the second phase of the first stage (the years of 1992-1994) the emigration acquired apart from political the economic shades as well. On this stage as a result of marketing reforms and in connection with it the loss of economic ties, many former soviet enterprises (especially the military and industrial complex) located in Kazakhstan came to bankruptcy and the employees working for them started to return to the areas of their former living to other republics where they had lived before coming to Kazakhstan. On that stage the migration balance the highest and reached in the year of 1994 – 406.7 thousand people.

On the second stage in the years of 1995-1996 there could be observed the decrease in the migration balance up to 175.5 thousand people, which was due to some macroeconomic stabilization taking place in Kazakhstan.

In the year of 1997 on the third stage in the Republic there could be observed the next surge of emigration. However it was not so important as it had been in the year of 1994. In that year the negative migration balance had reached 261.4 thousand people or 64.1% from the year of 1994. The main stream of emigrants at that period was directed to the former Soviet republics and, first of all, to the Russian Federation. Such a surge was not observed to the countries of the far abroad. On the contrary since the year of 1994 the emigration to those countries had decreased and lowered in the year of 1997 by 19.0% as compared to the year of 1996.

The fourth stage, since the year of 1998 up to the present time is characterized by the stable decrease of the negative migration balance that was connected with the more tranquil situation in Kazakhstan during the world financial crisis in the year of 1998 and economic growth taking place for the past years.

Immigration. The main peculiarity of the migration processes in Kazakhstan during the transition period is presented by tendencies in the immigration. As compared to the high degree of emigration during the transition period in the republic there were observed low rates of immigration. From the year of 1991 through the year of 2003 979174 migrants arrived in the Republic. Besides the highest wave of immigration into the country started at the beginning of the reforms in the year of 1991. In that year 170.8 thousand people came to the country. Then it started to decrease and reached the least meaning in the years of 1997 and 1999. From the year of 2000 in the republic there was observed the immigration growth, nevertheless its sizes do not exceed the high level of emigration.

The peculiarity of immigration processes in the Republic of Kazakhstan is the purposeful state policy of repatriation of former compatriots from abroad. In connection with much outflow of the population the Government of the country in the course of the reforms adopted the decision about conducting state measures for returning citizens living outside of the country who forcefully left the country during Stalin's repressions. This program like other programs conducted by Germany, Israel created specific conditions for returning migrants (oralmans) in the form of allowing them dwellings, material means for existence, etc. to begin with. Since 1991 year under framework of this program about 300.0 thousand oralmans returned in Kazakhstan

At the same time the immigration rates growth of takes place not only for account of this program, but also for account of the positive migration with countries primarily of Central Asia – Kyrgyzstan, Uzbekistan, Turkmenistan.

II. Peculiarities of the formation of labor market and employment in the Republic of Kazakhstan during the transition period

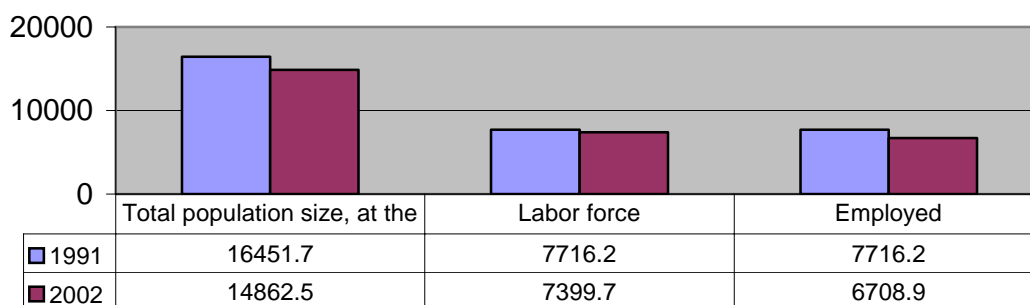
2.1. Characteristics of functioning of labor market and employment in the Republic of Kazakhstan during the transition period

The demographic changes during the transition period presented above made a negative influence on the Kazakhstani labor market and sphere of employment.

The decrease of the total population during the transition period was telling on the decrease of the total number of labor force, functioning on the national labor market and sphere of employment (Figure 12).

Figure 12.

The number of population, labor force, and employment in 1991 and 2002, thsd. persons



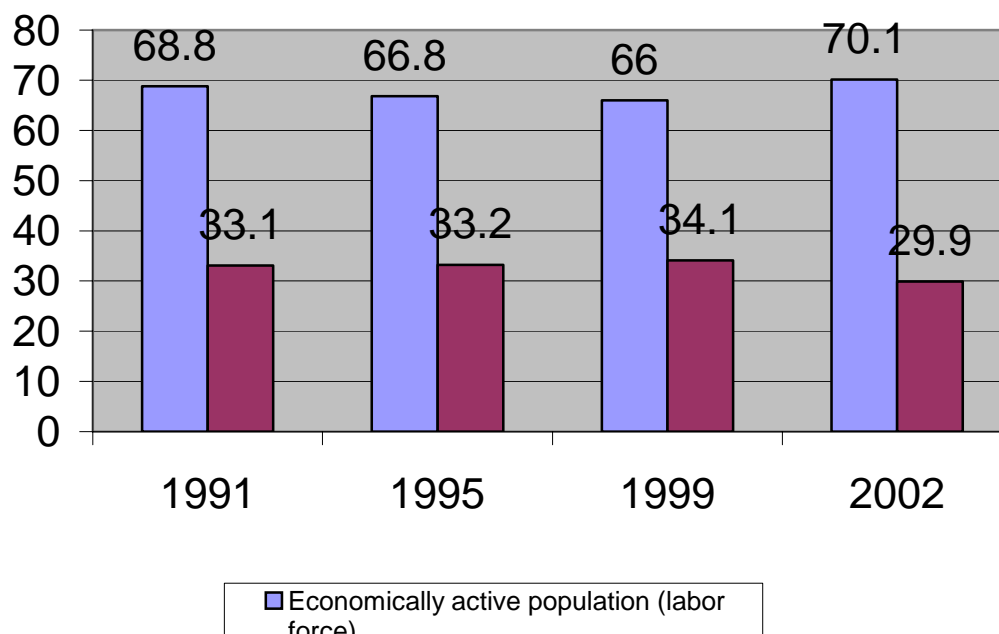
Sources: Kazakhstan 1991-2002. Informational-Analytical bulletin /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002; Labor and employment of population in Kazakhstan. Statistical bulletin /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

For 11 years the number of the labor force decreased by 316.5 thousand people (from 7716.2 thousand people in the year of 1991 to 7399.7 thousand people in the year of 2002) or by 4.1%. alongside with this the employment of the population decreased. It has decreased from 7716.2 thousand people in the year of 1991 to 6708.9 thousand people in the year of 2002 or by 13.1%. Greater decrease in the employment in comparison with the labor force was caused by the appearance of unemployment. In the year of 2002 the number of the unemployed citizens in the Republic of Kazakhstan made up 690.7 thousand people. A slight decrease in the labor force in comparison with the reduction of the total number of the population was caused by the fact that the market transformations, which took place in the Republic of Kazakhstan have lead to the increase of the share of economically active population or labor force on the market of labor. (Figure 13)

Their share has become even higher in comparison with the year of 1991, when most of the employees worked within the framework of the soviet compulsory labor service and the law “On the employment of the population ” of December 15, 1990 proclaiming free will to labor has not come into force. If in the year of 1991 the share of economically active population was 68.6%, in the year of 2002 it was 70.1%.

Figure 13.

Economically active (labor force) and economically non-active population of Kazakhstan, %



Sources: Labor and employment of population in Kazakhstan. Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; Labor market in the Republic of Kazakhstan 1991-2002. . Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

The present factor shows that the marketing economy creates more causes and motivations in stimulating an employee to go to the labor market, and be economically more active than the planned economy.

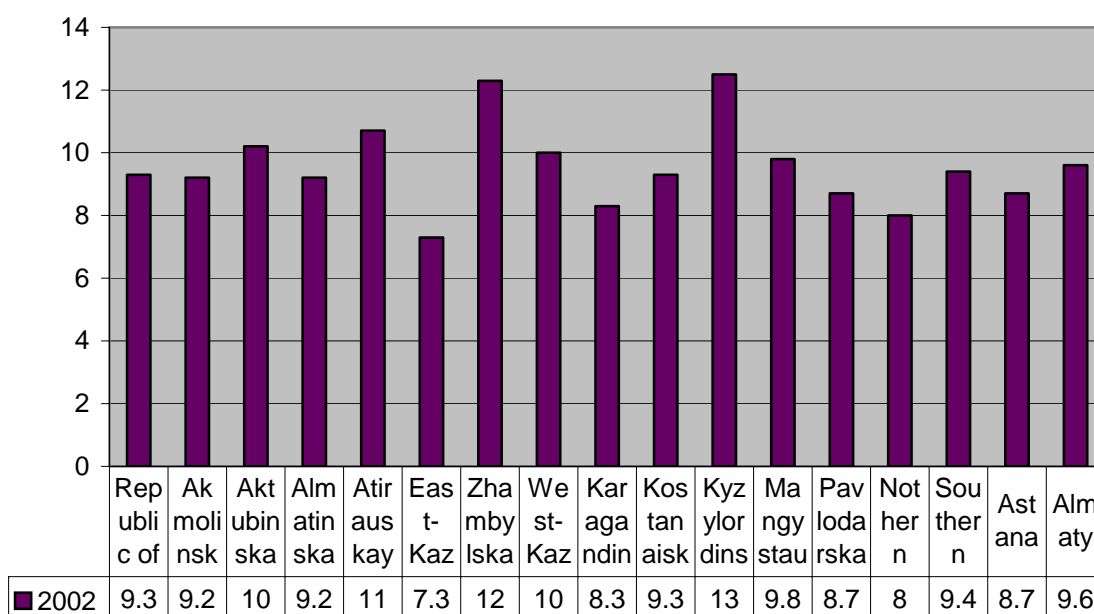
Characterizing the labor market functioning through the prism of unemployment it should be noted that in comparison with other regions the southern and western regions of Kazakhstan are characterized by the presence of a higher level of unemployment.

Besides among four regions representing the southern region of the republic (Almatynskaya, Zhambylskaya, South-Kazakhstan and Kyzylordinskaya) the highest level of unemployment is marked in Kyzylordinskaya region (Figure 14). If in the years of 2002 the level of unemployment in average by the republic was 9.3%, in Kyzylordinskaya it has made up 12.5%. In the same year rather a higher level of unemployment was also in two other oblasts of the south region – Zhambylskaya (12.3%) and South Kazakhstan (9.4%). Only out of the four oblasts of the south region Almatynskaya region only the level of unemployment was lower than the average republican one – 9.2% in the year of 2002.

The high level of unemployment exceeding the average republican one was marked also among the four oblasts representing the western region of the country (Atyrauskaya, Mangystauskaya, West Kazakhstan oblasts). Besides, it was very high in all four oblasts without exception. If as it was mentioned above in the year of 2002 the unemployment level in average by the republic was 9.3%, in the Atyrau oblast it was 10.7%, in West Kazakhstan – 10.0%, Aktubinsk – 10.2% and Mangystau – 9.8% correspondingly.

Figure 14.

Regional Unemployment in Kazakhstan. %



Sources: Labor and employment of population in Kazakhstan. Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; Labor market in the Republic of Kazakhstan 1991-2002. . Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

In contrast to southern and western regions, the low level of unemployment characterizes the regions of Northern, Central and Eastern Kazakhstan. Besides, among all seven oblasts of this region the low level of unemployment notably distinguishes Eastern Kazakhstan. If as it was mentioned above in the year of 2002 the level of unemployment in average by the republic was 9.3%, in Eastern Kazakhstan the level of unemployment was 7.3%. Rather a low level of unemployment in comparison with the average republican one was also marked in these year in Karaganda (8.3%) and Northern Kazakhstan oblast (8.0%).

Among the main specific features of high unemployment in Southern and Western regions of the country can be mentioned the presence of such demographic characteristics as a great number of the population and accordingly of labor resources residing in rural areas, a higher percentage with the youth unemployment, specific peculiarities of women's unemployment.

Besides, the presence in such regions of such ecologically unfavorable and economically depressive areas as a desiccating Aral Sea imposes here a special imprint on the employment and unemployment.

At the same time the concentration of the industrial production in central and eastern oblasts and with it a very high urbanization percentage had determined and do determine rather a low unemployment percentage in those regions. (Table 3)

Table 3. Peculiarities of the Setting of Population and Employment in Central, Western, Southern and Western regions of Kazakhstan in 2002, %

<i>Regions</i>	<i>Setting Population</i>		<i>Labor Force</i>	<i>Of Which:</i>				
	<i>Ru ral</i>	<i>Ur ban</i>		<i>Employed</i>				<i>Unem ployed</i>
				<i>Agricul ture</i>	<i>Indust ry</i>	<i>Constr uction</i>	<i>Servic e</i>	
<i>Karagandinska ya</i>	17	83	100	23.3	24.7	2.4	41.3	8.3
<i>East- Kazakhstan</i>	41.3	58.8	100	35.5	15.2	2.9	39.1	7.3
<i>Pavlodarskaya</i>	35.8	64.2	100	34.3	18.9	3.3	34.9	8.7
<i>South- Kazakhstan</i>	61.4	38.6	100	41.9	5.6	2.6	40.6	9.4
<i>Zhambulskaya</i>	55.1	44.9	100	28.8	6.5	2.8	49.7	12.0
<i>Kyzylordinskay a</i>	40.3	59.7	100	31.3	6.2	3.2	46.7	13.0
<i>West- Kazakhstan</i>	57.5	42.5	100	37.9	6.4	8.1	37.6	10.0

Sources: Labor market in the Republic of Kazakhstan 1991-2002. . Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

Instead of high level of emigration of the industrial workers and decreasing of employment, 824.0 thsd. persons were employed in the industry in 2002. The main part of employed person in industry were occupied in Karaganda (21.8), East-Kazakhstan (13.3%) and Pavlodar (9.4%) regions. These regions located in Central and East Kazakhstan (стр 314 РТБ PK 1991-2002). As can be seen from table 3 the distinguishing characteristics of these regions

is low level of unemployment in compare with South Kazakhstan, Zhambyl, Kyzylorda and west-Kazakhstan regions. If in the year 2002 Karaganda,, East-Kazakhstan and Pavlodar regions had unemployment rate- 8.3%, 7.3% и 8.7% then South Kazakhstan, Zhambyl, Kyzylorda and West-Kazakhstan regions had unemployment rate - 9.4%, 12.0%, 13.0% и 10.0% correspondingly. As can be seen from table 3 the low levels of unemployment in the Central and East Kazakhstan were combined with high employment in industry. And on the contrary the higher level of unemployment in South Kazakhstan, Zhambyl, Kyzylorda and West-Kazakhstan regions were combined with less employment in industry.

But at the same time because of old equipment and technology employment and working time in industry are used ineffectively. In 2001-2002 because of underused production capacity, 29979 people in industry and construction worked under conditions of underemployment.

Characterizing demographic peculiarities in functioning of the Kazakhstani labor market women's and youth's employment and unemployment should be specially marked.

2.2. Gender aspects in functioning of labor market and employment.

As it was shown in the first part in the Republic of Kazakhstan by the end of the year 2002 or by the beginning of the year 2003 there were 7158.3 thousand (48.2%) and women 7704.2 thousand (51.8 %) or per 1000 men there were 1076 women. If among the total population number of women exceeded the number of men, in the total number of labor force at 7058.2 thousand people in the year of 2002 their share was less and made up 48.2% or 3404.0 thousand people. However many of them were unemployed and the employment among them made up 88.2% or 3001.8 thousand people.

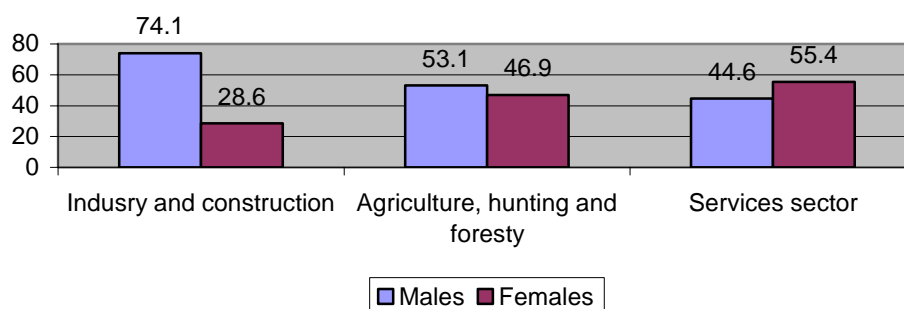
It should be noted that during the transition period women manifested themselves economically more active than men. They got adapted to market transformations quicker and an individual employment among them exceeded and does exceed that of men. A specific phenomenon of market reforms was women's occupation with a reciprocating business. Many of them having been discharged switched over to the sphere of trade and started to be engaged in shopping tourism. In the year of 2002 40.5% of women and 34.8% of men were engaged in independent business.

A considerable part of women is occupied in the sphere of education, health care, and social services rendering. In the years of 2001, 2002 74.5% and 72.8% of women were engaged in the sphere of education. In the sphere of health care, and social services rendering 80.8% and 79.0% correspondingly. On the whole women are mainly engaged in the sphere of services than in other sectors of economy. (Figure 15).

As can be seen from the diagram, over a half (55.4%) of the working places were occupied in the sphere of services by women than men.

Figure 15.

The occupied population by sectors of economy in the year of 2002, %

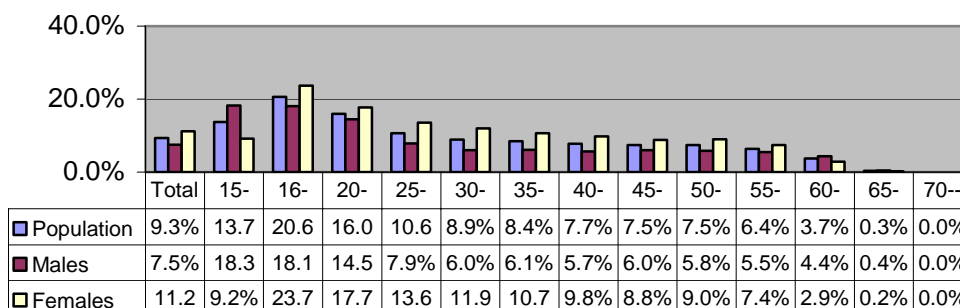


Sources: Labor market in the Republic of Kazakhstan 1991-2002. . Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

An advantageous position of occupied women can also be found in the part of their education. In the year of 2002 53.5% of occupied women had a higher education and 52.2% a secondary vocational education. At the same time the men had 46.5% and 47.8% correspondingly.

Figure 16.

The level of unemployment by sex and age in the year of 2002,%



Sources: Labor market in the Republic of Kazakhstan 1991-2002. . Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

In spite of the high level of education the highest percent of unemployment is found with women. In the year of 2002 it had made up 11.2%, while with men it was 7.5%. (Figure 16)

As can be seen from Figure 16, at all ages the level of women's unemployment exceeds that of men.

The main reasons due to which women become unemployed and find themselves on the labor market vary. (Table 4)

Table 4. Unemployment reasons for men and women in the Republic of Kazakhstan in the year of 2001 and 2002*

	Total		Including			
	2001	2002	men		women	
			2001	2002	2001	2002
Unemployed including those with reasons of:	100	100	100	100	100	100
discharging due to liquidation of enterprise	11.3	10.4	12.0	11.1	10.8	9.9
discharging due to staff reduction	15.9	15.3	14.6	14.0	16.9	16.1
discharging upon one's will	7.6	8.9	6.5	8.2	8.5	9.4
discharging due to the contract termination	3.4	4.3	4.1	5.4	2.9	3.5
termination of business activity	0.5	0.5	0.6	0.7	0.4	0.3
housekeeping	3.7	6.7	0.8	1.1	5.9	10.6
absence of work after graduating from higher institution	17.4	15.7	18.6	17.8	16.4	14.2
absence of any work	32.6	32.4	34.0	34.8	31.6	30.7
other reason	7.4	6.0	8.7	6.9	6.4	5.3

*Agency of Statistic of the Republic of Kazakhstan begin to registry since 2001 year

Sources: Labor market in the Republic of Kazakhstan 1991-2002. . Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

As can be seen from the table one of the main reasons due to which women become unemployed and find themselves on the labor market is the staff reduction. Due to the staff reduction in the year of 2002 more women had been discharged (16.1%) than men (14.0%). This phenomenon was being observed during the whole transition period. A serious reason for the women to become unemployed is housekeeping. Executing their genetic, morally ethical functions in the reproduction of the population of the country a woman's labor force demands additional expenses on social purposes, safety work, which rather burdensome for employers. Therefore a woman to a greater extent than a man has any chances to find work and she more threatened to get fired from her work.

Normally a working woman even in her fertile age combines her working activity with her motherhood. In this connection it is rather difficult for her to increase her professional level or be retaught with the aim of getting a new specialty. Therefore, having a high professional primary education many of them in the course of time lose it and become less competitive on

the labor market. The perspective for their going on legal holiday keep the employees from hiring them.

All the above-stated is an important reason of not only a high level of unemployment among women but also of lasting unemployment among them. (Figure 17)

Figure 17.



Sources: Labor market in the Republic of Kazakhstan 1991-2002. . Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

As can be seen from Figure 17 after one month of unemployment it is rather difficult for women to find work than for men. Their number by 2.7 times begins to exceed the number of the unemployed men after 5 years and more of unemployment.

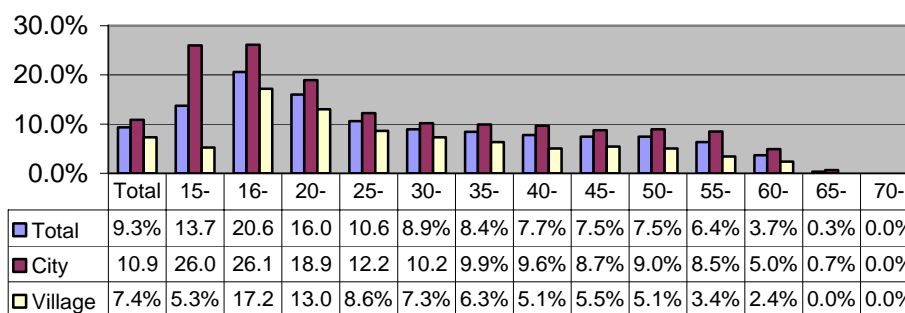
Concerning the regional peculiarities of the unemployment among women it should be noted that by an average republican level at 11.2% in the year of 2002 a sufficiently high level of it was observed in 4 oblasts of the western region (Mangystauskaya – 15.1%, Atyrauskaya 14.4%, West Kazakhstan – 13.0%, Aktubinskaya – 13.3%) and 3 oblasts of the southern region (South Kazakhstan – 12.7%, Kyzylordinskaya – 13.8%, Zhambylskaya – 13.0%). It should be noted in this connection that the high level of birth rate, as it was mentioned in the first part characterizes the regions of western and southern Kazakhstan. The comparison of these two factors speaks to the effect that in future in these regions either the decrease in birth rate may happen in view of the high level of women desiring to find work, or the decrease in the population living standard and the increase in the level of poverty may take place.

2.3. Age aspects on the labor market.

The characteristic feature of age aspects on the labor market in the Republic of Kazakhstan during the transition period is a high level of unemployment among the youth. Young people as a specially specific segment on the labor market, having no large practical experience in any of the labor activities is subject to this economic phenomenon to a greater extent than other age groups. In the year of 2002 the level of unemployment among the citizens from the age of 15 to 24 has considerably exceeded that of an average republican level.(Figure 18)

Figure 18.

Unemployment level by ages in the year of 2002,%



Sources: Labor market in the Republic of Kazakhstan 1991-2002. . Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003

If in average by the republic the level of unemployment was, as it is well known, 9.3%, but among those of 15 years of age it was 13.7%, among those of 16-19 years of age 20.6% and among those of 20-24 years of age 16.0%. A high unemployment being teenagers under 15 years old in urban areas should be specially noted. This contingent of potential workers without any formal civil rights (in accordance with the legislation of the Republic of Kazakhstan the citizens of the country are considered the people who reached 16 years of age), but having finished school in the volume of the main general education try to get employed and find work. However the absence of not only the primary professional but also of any practical experience in work, as well as specific labor conditions in the town turn out for many of them the main reason for their not being needed in the employment sphere. As it can be seen from the diagram, in the year of 2002 the unemployment level in urban areas among those at the age of 15 (26.0%) had reached the unemployment level of citizens from the of 16 to 19 (26.1%).

In order to make up for the absence of professionalism the major part of teenagers and young people from the age of 16 to 24 continue their studies, do not go to the labor market and, therefore, is not enlisted in the structure of labor force of the country. As can be seen from the table 5, 99.0% of teenagers at the age of 15 continue their studies. The majority of young people from the age of 16 to 19 and from the age of 20 to 24 also study – 95.1% and 69.1% correspondingly.

The major part of teenagers at the age of 15 find works in rural areas in farming, fishing and hunting management. Here they are occupied mainly in unqualified works (61.5%) and a small amount of them in qualified ones (32.3%). A very small part (5.9%) of teenagers works in the sphere of services, housing and communal economy and trade.

Table 5. The structure of the population not being in the structure of labor force for reasons in the year of 2002, %

	Not in the structure of labor force	reasons				
		Studying (daytime form)	Housekeeping	Going on a pension	By health state(disability)	Other reason
Total, including:	100	30.8	3.5	49.6	8.1	8.1
15	100	99.0	0.1	-	0.5	0.4
16-19	100	95.1	0.3	-	1.6	3.0
20-24	100	69.1	6.3	-	6.5	18.2
25-29	100	11.7	27.3	-	20.8	40.1
30-34	100	2.0	26.3	-	26.2	45.5
35-39	100	0.5	23.6	0.8	33.4	41.7
40-44	100	0.5	16.1	3.5	44.7	35.1
45-49	100		12.0	10.0	48.2	29.9
50-54	100		4.9	34.7	40.9	19.4
55-59	100		2.1	73.9	15.9	8.0
60-64	100		0.1	95.6	3.3	0.9
65-69	100		0.0	98.8	1.1	0.0
70 и старше	100		0.0	99.3	0.6	0.1

Source: Main Labor Market Indicators in the Republic of Kazakhstan. Series 13. Employment and Remuneration. 2002. The National Statistics Agency of the Republic of Kazakhstan. 2003

As well as teenagers the major part of young people from the age of 16 to 24 also find work in these spheres of activity. However, some of them who got a certain professional education are engaged in the sphere of education, industry, etc.

Mentioning regional aspects of unemployment among the youth it should be noted that its highest percent was marked in the year of 2002 in Northern Kazakhstan (43.0%), Atyrauskaya (42.9%), Kyzylordinskaya (41.9%), Western Kazakhstan (34.4%) and Kostanayskaya (30.8%) oblasts at an average republican unemployment level among the youth 27.5%. At the same

time the lowest level of the youth's unemployment was marked in the northern capital of Astana – 13.0%. It should be noted that with the construction of a new capital of Astana, favorable economic conditions for the exported from the country raw material, the formation of marketing relations in the republic the business activity got animated not only among the youth, but also among age groups.

2.4 Perspectives of labor market formation and the development of human resources in the Republic of Kazakhstan. Parity of generation incomes.

At the present time within the framework of the realization of the program “Kazakhstan-2030”, in the republic there adopted the Conception of state demographic policy of the Republic of Kazakhstan. Its chief aim being the prevention of the de-population of the population of the country and the provision of its qualitative and quantitative growth for the long-term perspective.

For achieving the given aim it is proposed to solve the following major tasks: to lower mortality for the most mass reasons and diseases causing them; to increase stimuli for birth rate, especially for young generation entering the age of bearing a child; to render a real support for reproductive initiatives of the population especially for multi-children families providing an extensive reproduction; to lower the negative migration balance.

In accordance with the Law on Labour in the Republic of Kazakhstan persons at the age of 16 and till 58 for women and under 63 for men are referred the able-bodied age citizens¹. Particular feature of change in age structure of population for 1991 by the beginning of 2004 is a decrease in share of young population till the able-bodied age. (Figure 19) If the share of this population was 33.3% in 1999, then it was 27.2% by the beginning of 2004. Demographic factor namely decrease in birth rate and emigration in the republic had a certain influence on decrease of share of young population till the able-bodied age. As it was mentioned above, if in 1991 birth rate was estimated at 21.5 pro mille, in 2003 it was 16.7 pro mille.

At the same time in the republic one may observe decrease in population after able-bodied age. If in 1991 the share of this population amounted to 11.7%, then by the beginning of 2004 it was 10.4%. In this case the main reasons of its decrease were as follows: mortality increase (in 1991 mortality was 8.2 pro mille, in 2003 -10.4 pro mille), increase in able-bodied

¹ The Law of the Republic of Kazakhstan of December 10, 1999, № 494-1 On enforcement of the Law of the Republic of Kazakhstan "On Labour". It was published in newspaper: "Kazakhstanskaya pravda", December 24, 1999, № 294 (23011)

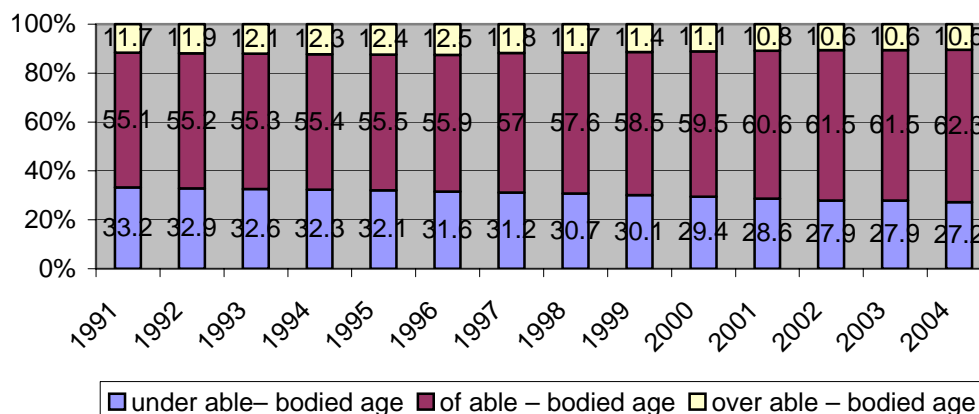
age by legislation in 1997 (from 60 till 63 for men and from 55 till 58 for women) and emigration.

Decrease in share of young and old generation automatically is developed in raise of able-bodied population. As it is seen in figure 19 the share of able-bodied population for analysed period has risen from 55.1% in 1991 to 62.3% in 2004. Increase in share of able-bodied population, having at first sight a positive perception, in the form of increase in labour potential has negative background for further development of the country.

In particular, tendency of increase in number of young generation observing currently in perspective will have negative consequences when the quantitative supply of labor force in republican labor market will be less the quantitative leaving because of non-equivalent substitution of generation entering into able-bodied age and leaving from it. As can be seen in figure 19 in the republic we may observe clear tendency of decrease in number of population under able-bodied age. In this connection it is necessary to indicate that percentage increase of share of able-bodied population from 55.1% in 1991 to 62.3% by the beginning of 2004 was not accompanied by its absolute quantitative increase. In 1991 the number of population in able-bodied age was estimated at 9063.8 thousand people and by the beginning of 2004 it was 9140.2 thousand people, and total growth for 11 years constituted only 0.8% i.e. remained nearly on the same level.

Figure 19.

Structure of population of the Republic of Kazakhstan, at the beginning of year (%)



Source: www.statbase.kz; K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press realize Almaty, 25..02. 2004

Among the above-stated major tasks the most important task is the decrease in the negative migration balance. It should be mentioned in this connection that the observed recent economic growth in the Republic of Kazakhstan in comparison, first of all, with the countries of Central Asia was a reason for the Kazakhstani labor market to become attractive for the employees of Central Asia than their national one. If the average salary in the Republic in the year of 1999 made up 90 US dollars, in Kyrgyzia it was 25.8 US dollars, in Uzbekistan 58.6 US dollars, in Tadjikistan 9.4 US dollars (Table 6).

As can be seen from Table 4, an average salary of the employees in the Republic of Kazakhstan yielded only to an average salary of the employees in the Russian Federation among CIS countries. A more favorable economic climate, more developed marketing infrastructure, social stability, liberal international migration policy as well as a more attractive labor market are important factors of foreign labor force migration into the Republic of Kazakhstan. According to some estimations in the year of 2002 in the republic there were almost 500.0 non-official migrants¹. The foreign labor force chiefly comes from the countries of Central Asia and China. For the purpose of state regulation of this process the republic signs interstate agreements with these countries. In particular, in the year of 2003 with the Kyrgyz Republic there was signed an interstate agreement on attracting from Kyrgysia of Kyrgyz workers to work in Kazakhstan.

Proceeding from perspectives of the economic development of the country demographic processes taking place in the country, as well as global tendencies of the labor force movement Kazakhstan starts to correct at the present period its policy in relation to the foreign labor force. As it is well known the republic is one of the small populated countries of the world and therefore the present day demographic and migration policy of the state is aimed at the creation of a favorable climate for the demographic and migration growth. In future, with the realization of the new migration program, in the republic there will be conducted more actively the policy of attracting foreign labor force.

All the above-stated shows that the national labor market of Kazakhstan begins to actively integrate into the international, regional and global labor market. An active integration into these labor markets will allow increasing human resources potential, which the country will be in need of in future. Together with this, the integration of the national labor market into international, regional labor markets in the first place with the countries of Central Asia, Russia,

¹ Message of the President of the country to the nation of Kazakhstan for 2002. "Kazakhstanskaya Pravda", N171, 8 August 2002

global ones with the countries of the far abroad sets questions of the national security. In this aspect measures of social security must be concluded in the formation of instruments reducing the shadow non-formal migration into the country, the protection of incomes of various generations of citizens of Kazakhstan.

Table 6. The Middle Nominal Wage in CIS Countries, \$US

	1997	1988	1999	2000	2001	2002
Kazakhstan	111.6	119.4	90.5	108.2	118	132.8
Azerbaijan	35.5	43.5	43.3	49.8	55.8	64.8
Armenia	27.7	35.7	37.4	42.4	44.1	46.1
Belarus	86.1	95.3	71.8	72.8	86.6	106.2
Georgia	32.8	39.8	33.4	43.5
Kyrgyzstan	39.2	40.1	26.9	25.7	30.0	34.5
Moldova	47.6	46.6	29.0	32.8	42.3	50.2
Russia	164.3	108.3	61.8	79.1	111.1	141.2
Tajikistan	8.8	11.8	9.4	8.5	9.9	12.4
Turkmenistan	44.8	54.9
Uzbekistan	48.4	47.3	57.2
Ukraine	76.9	62.7	43.0	42.3	57.9	70.6

Source: Labor and employment of population in Kazakhstan. Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003; Commonwealth of independent states in 2002. Statistical bulletin./Interstate statistical committee of the CIS. Moscow, 2003.

One of the possible directions for creating similar instruments can be the development on the primary stage of the international regional system of the personified social insurance for senility, disease, unemployment (in the first place with the countries of Central Asia, Russia) and then with the countries of the far abroad within the framework of the global personified social insurance system.

References

1. A. Daurenbekov. Demographic portrait of the Astana city. Statistics management. Astana city, 2001
2. K. Abdiev. Demographic characteristic of population of the Republic of Kazakhstan: 5 years later after census of population in 1999 year. Agency on Statistics of the Republic of Kazakhstan/ Press realize Almaty, 25..02. 2004
3. Demographic yearbook of Kazakhstan 2002 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003
4. The Law of the Republic of Kazakhstan of December 10, 1999, N 494-1 On the introduction into operation of the Law of the Republic of Kazakhstan "On labor in the Republic of Kazakhstan". Issued in "Kazakhstanskaya Pravda" newspaper of December 24, 1999, N 294 (23011)
5. Labor market in the Republic of Kazakhstan 1991-2002. . Statistical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003
6. Demographic yearbook of Kazakhstan 2002 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003
7. Statistical yearbook of Kazakhstan 2003 /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2003
8. Commonwealth of independents states in 2002. Statistical bulletin./Interstate statistical committee of the CIS. Moscow, 2003.
9. Kazakhstan 1991-2001. Informational-Analytical bulletin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2001
10. Kazakhstan 1991-2002. Informational-Analytical bin. /Agency on Statistics of the Republic of Kazakhstan/ Almaty, 2002
11. Nazarbayev's speech at the expanded meeting of the Government of the Republic of Kazakhstan with the participation of Akims of oblasts. "Kazakhstanskaya Pravda" newspaper of 8 August, 2002, № 171.
12. President's message to the people of Kazakhstan "Kazakhstan - 2030. Prosperity, security and improvement of all Kazakhstan people's welfare. "Kazakhstanskaya Pravda" newspaper of 11 October, 1997.
13. Tatibekov B. "The future of the social insurance on the unemployment", "Business Week" newspaper, № 38 (266), 3 October, 1997.
14. Tatibekov B.L., Djoldybayeva S.M. - "Major aspects of the mechanism of social insurance of working citizens of the Republic of Kazakhstan ", in the collective monograph "Passage", Publisher "Sib-Novo-Center" Novosibirsk, 2000 – 0.5 a quire.