

The Structure and the Change in World Population under Globalization

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Abstract: The paper focuses on the structure of the world's population and the processes of change under the context of globalization. It also analyzes the structure of employment of the world's population by sectors of the economy, their distribution by continents, the structure of living conditions, nutrition, daily consumption, drinking water, home and homelessness. There is a comparative data in Uzbekistan and Samarkand regions.

Keywords: population, world population, population composition, employment, population in continents, rural population, urban population, poor population, clean drinking water, household population, homeless population.

Introduction.

The relevance of the topic. Today, on a global scale, complex processes are taking place in different regions of the world. In the development strategy of New Uzbekistan for 2022-2026, based on the principle "From the strategy of actions to the strategy of development", seven priority areas have been developed. The sixth of them is to approach universal problems based on national interests. This problem is also related to the structural structure of the world's population and the processes of change in the process of globalization. In this regard, the work of the President of the Republic of Uzbekistan Shavkat Mirziyoyev "New Uzbekistan Strategy" (T.: "Uzbekiston" publishing house, 2021. - 464 pages) and the Presidential Decree which was signed on January 28, 2022 "PF-60 "On the Development Strategy of New Uzbekistan for 2022-2026" defines specific tasks. Due to this, the study of the structural structure of the world's population in different directions is considered very relevant today.

Analysis of literature on the topic. The world population and its changing trends have been systematically under-researched by scientists. Taking this into account, using the Internet and world statistics data, their structural structure in several directions, in particular, the structural structure of the employment of the world's population by economic sectors, their distribution by continents, the structural structure by living conditions, the level of nutrition, the level of consumption per day, clean the level of drinking water consumption, the composition of those who live in their own homes and those who do not have homes were also analyzed.

190	ISSN 2576-5973 (online), Published by "Global Research Network LLC" under Volume: 5 Issue: 8 in Aug-2022 https://www.grnjournals.us/index.php/AJEBM
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Research methodology. Logical analysis methods based on information were mainly used in the research process. Methods and approaches of the theory of knowledge such as induction and deduction, space and time, analysis and synthesis are also used.

Analysis and results. The world population is growing. According to the UN's data on the number of the planet's population, at the beginning of 2022, the world's population will be 7.8 billion. organized a person. The population of our planet is 82 million people every year or 1.05 percent is increasing. In Uzbekistan, the average annual growth is 1.7 percent. It can be seen that the growth rate of the population of our country is quite high. On average, 2.6 children are born every second. By the end of 2050, the world population will reach 9.7 billion people, that is, it will increase by 124.4 percent. The population of Uzbekistan will reach 41 million by 2050, and the growth rate will be 128.1 percent. This was announced at the 52nd session of the Commission on Population and Development, which began at the UN headquarters in New York. In particular, the world population will reach 11 billion people at the end of this century¹, the population of our country has decreased to 38.1 million people is forecasted. Population decline is caused by the decreasing number of births per woman in Uzbekistan. For example, in 1990-1995, there were 3.95 children per woman, and in 2010-2015, this figure was 2.38. Today, there are 2.24 babies per woman. The fertility rate is projected to continue to decline to 1.79 by the end of the century².

The process of globalization continues worldwide and is expanding year by year. Currently, the world's population growth is accompanied by its aging, declining birth rate and rapid urbanization. Currently, according to UN data, the average birth rate in the world is 2.5 children per woman, and in 2030 it will be 2.4 children. The proportion of people aged 65 and over in the total population is increasing. Currently, their share in Europe is 19% of the total population, and in North America 16%, and by 2050 these figures will grow to 28% and 23%, respectively.³.

Another important trend. As a result of the involvement of innovative factors in the economic sectors, the employment of the world's population in the sectors is also formed and has changing tendencies from year to year. One-year (2022) information on this is presented below (Table 1).

Table 1. The structural structure of employment of the world's population by economic sectors as of January 1, 2021⁴

T/r	Indicators related to the employed population and the unemployed by sector	Population, billion person	Share, %
1.	Children (0-15 years old)	1.9	26.3
2.	Service areas	1.7	23.5
3.	In agriculture	1.4	19.4
4.	In industrial enterprises	800 mln.	11.2
5.	Over 64 years old	577 mln.	8.1
6.	The unemployed	430 mln.	6.0
7.	Entrepreneurs	400 mln.	5.5
	TOTAL	7.21 billion more	100.0

The table shows that 26.3% of the world's population consists of young people. In my country, this figure is 51.6 percent. It should be noted that the number of people employed in the service sector is the highest

¹<https://kun.uz/news/2019/04/02/bmt-sayyoramiz-aholisi-sanini-malum-qildi>.

²<https://sof.uz/post/2050-yilda-o-uzbekistan-aholisi-41-million-kishiga-yetadi>

³In that place.

⁴Author's calculation based on data from social networks (New Records: @GinnesUz).

worldwide, making up 23.5% for the period of this analysis. In our country, this figure is equal to 35.0 percent. As a result of development and improvement of economic and social life, the share of this sector is gradually increasing. In terms of employment, agriculture is in the second place. This year's share is 19.4%. It is also in the second place in Uzbekistan and is 32.3 percent. It should be noted that the supply of food to the world's population and the supply of raw materials to some industrial enterprises also depend on agriculture. Due to this, the number of employees in this field will be maintained. However, as a result of attracting innovative technologies and ideas to this sector, they can deliver more agricultural products than the current volume with less labor. Due to this, the share of people employed in this field in the world population may slowly decrease.

The proportion of older people worldwide is decreasing. In 2015, their share was 7.9%, and by today, this indicator has reached 8.1%. This trend will increase as the world's population adopts a healthier lifestyle. Today, the number of unemployed is 6.0% worldwide. It is equal to 7.5% of the working-age population and 3.2% of the general population in our country. This level has been maintained for many years. But lately it has also been on a downward trend. The strata of the population that make up the employment of the world's population should mainly be entrepreneurs. But now their share in all employed population is only 5.5%. We have 8.8 percent. With the development of society, the amount of this indicator should decrease.

If we look at the location of the world's population on the globe, the main part of the population is located in Asian countries. This can also be seen from the data in the table below (Table 2).

Table 2. The composition of the world's population by continent as of January 1, 2022⁵

T/r	Areas	Population, billion person	Share, %
1.	in Asia	4.68	60.0
2.	on the African continent	1.17	15.0
3.	on the European continent	0.86	11.0
4.	in South America	0.70	9.0
5.	in North America	0.39	5.0
	TOTAL	7.8 billion more	100.0

As can be seen from this table, the main part of the world's population, that is 60.0% or 4.7 billion people, lives in Asia. This area is mainly populated by Muslims. 0.45% of the world's population lives in our country. Population growth is being observed in these areas. Due to this, the population of this area will increase in the future. A similar situation can happen on the African continent. But the economic condition of the population living in this continent is not sufficient. Although births are high here, it is natural that there is no sharp increase in population due to the high death rate of children. In the rest of the continents, in exchange for a small increase in population, it is certain that they will decrease among the general population.

Currently, the number of people living in cities is increasing globally. In the 20th century, the majority of the population historically lived in rural areas, but today their share has decreased somewhat, and the majority of the population is urban. This can also be seen in the table below (Table 3).

⁵ Author's calculation based on information from social networks (@Zarnews_uz).

Table 3. Structural structure of the world's population by living conditions as of January 1, 2022⁶

T/r	Areas	Population, billion person	Share, %
1.	Those who live in the countryside	3.8	49.0
2.	Those who live in the city	4.0	51.0
	TOTAL	7.8 billion more	100.0

The table shows that today the urban population is 51.0% of the world's population or 4.0 billion. is organizing. The rural population is 49.05 or 3.8 billion people, respectively. It should be recognized that the share of urban population in developed countries is large. According to the UN report, future population growth will occur at the expense of urban population growth. "In 2030, the population of cities will make up 60 percent of the total population, and in 2050, 68 percent"⁷. It is envisaged that the level of these indicators will remain in the same condition in our country.

Today, the share of the urban population in Uzbekistan is 50.6%, and the rural population is 49.4%.⁸. But in the Samarkand region, the share of urban residents is 36.9%, and rural residents are 63.1%.⁹. So, the majority of our region lives in villages. The number of children living in the village is 5.47 million, and their share is 53.7%. Accordingly, the number of people living in the city is 4.71 million and their share is 46.3%. It can be seen from these that the rural population will be the majority in the future.

This situation requires an increase in the city's population in the future. However, based on our own characteristics, it is desirable to increase the urban population by introducing industry into the villages and turning them into cities, not at the expense of moving from the countryside to the city.

One of the global problems of the world is related to the level of nutrition of the world population. "The first deputy secretary-general of the UN, Amina Muhammad, said that in the last 25 years, the number of people living in extreme poverty has decreased significantly, maternal mortality has decreased by 40 percent, and life expectancy has increased significantly."¹⁰. With all the problems, the poor population does not have the opportunity to eat enough food. The structure of the world's population on January 1, 2022, according to the level of nutrition, is presented in the following table (Table 4).

Table 4. Structural structure of the world's population by level of nutrition as of January 1, 2022¹¹

T/r	Composition of the population	Population, billion person	Share, %
1.	A population that eats a lot	1.6	21.0
2.	A population that can eat as much as they want	4.9	63.0
3.	A population that does not have enough food	1.3	16.0
	TOTAL	7.8 billion more	100.0

As can be seen from the table, 21.0% of the world's population belongs to the category of binge eaters. This is 1.6 billion. constitutes a person. 63.0% of the world's population (4.9 billion) is a group of people

⁶ Author's calculation based on information from social networks (@Zarnews_uz).

⁷ <https://kun.uz/news/2019/04/02/bmt-sayyoramiz-aholisi-sonini-malum-qildi>

⁸ <https://kun.uz/news/2018/01/15/uzbekiston-doimij-aolisi-soni-malum-kilindi>

⁹ @Zarnews_uz

¹⁰ <https://kun.uz/news/2019/04/02/bmt-sayyoramiz-aholisi-sonini-malum-qildi>

¹¹ Author's calculation based on information from social networks (@Zarnews_uz).

who can eat as much as they want. However, with all the problems, the poor population does not have the opportunity to eat enough food. They are 1.3 billion people, ie 16.7 percent most of them are suffering from famine. According to the President of our country, 12-15 percent or 4-5 million of the country's population are poor. This is just the result of preliminary calculations¹².

Most of them are suffering from famine. In such conditions, many food products are wasted in some countries. In order to ensure food security on a global scale, it is necessary to begin to practice frugality, to moderate its consumption, and to give great importance to this issue. "Today, in Uzbekistan alone, 3 million tons of food products become waste every year. In the city of Tashkent, 2 tons of bread products are thrown away every day, about 730 tons per year. In 2019, 1.64 billion tons of food was wasted in the world. It is noted that only 25% of the food that is lost can completely solve the problem of hunger in the whole world.¹³

It should be recognized that 48.0% of the world's population or 3.7 billion. some of them live in the poverty level, although they do not have a problem with food. If we look at the basis of international norms, the structural structure of the world's population on January 1, 2022, according to the level of consumption per day, clearly shows this (Table 5).

Table 5. The structural structure of the world's population on January 1, 2022 according to the level of consumption per day¹⁴

T/r	Areas	Population, billion person	Share, %
1.	Population living below the poverty line with a living standard of less than US\$2.0 per day	3.7	48.0
2.	Population living above the poverty line with a subsistence level of more than US\$2.0 per day	4.1	52.0
	TOTAL	7.8 billion more	100.0

As can be seen from the table, the number of people living below the poverty line is 3.7 billion. person or 48.0% of the total population. These constitute the population at the poverty line. 4.1 billion people, or 52.0% of the world's population, live below the poverty line, with a living standard of more than 2.0 USD per day. Even in our country, the daily income of the population below the poverty line does not exceed 10-13 thousand soums.¹⁵ The percentage of the population that is above the poverty line is increasing year by year. But still their share remains high.

In addition to these situations, environmental problems are increasing day by day. Current demographic trends are leading to rapid population growth. The increase in the proportion of elderly people and the processes of urbanization are leading to serious environmental, economic and social problems. On the one hand, these are opening up new opportunities for development, but on the other hand, they are causing various problems. In particular, the growth of the population and the achievement of economic growth on this basis leads to an increase in the scale of production and consumption. This, in turn, has serious consequences for the environment. One of them is related to the problem of drinking water shortage. The structure of the world's population on the level of consumption of clean drinking water as of January 1, 2022 is presented in the table below (Table 6).

¹²<https://kalampir.uz/news/shavkat-mirziyoev-nimadan-fahrlanishini-aytdi-14747>

¹³https://t.me/Kun_Xabalarari_official1 <https://t.me/+aNpbAuWpwxw2YjRi>

¹⁴ Author's calculation based on information from social networks (@Zarnews_uz).

¹⁵<https://kalampir.uz/news/shavkat-mirziyoev-nimadan-fahrlanishini-aytdi-14747>

Table 6. Structural structure of the world's population according to the level of consumption of clean drinking water as of January 1, 2022¹⁶

T/r	Areas	Population, billion person	Share, %
1.	The number of people who consume clean drinking water,	6.8	87.0
2.	People who do not have access to clean drinking water	1.0	13.0
	TOTAL	7.8 billion more	100.0

As can be seen from the table, the number of people who consume clean drinking water is 87.0% of the world's population or 6.8 billion. constitutes a person. There is also a large number of people who do not have access to clean drinking water. They are 1.0 billion. consists of 13.0% of the world's population. ThisIn Uzbekistan it is equal to 73%. It appears that 1.0 billion people in the world have limited access to clean drinking water. In our country, 27 percent of the total population or about 9 million people are in this situation. It can be seen that the problem of clean drinking water is one of the biggest and most complex problems in our country.

Looking at the population of the world, some problems related to ensuring the well-being of the population still remain. One of these is manifested in the large number of unwanted pregnancies without taking into account their possibilities. "DSW experts say that one of the reasons for the rapid population growth is the high number of unwanted pregnancies. Because in many regions, especially in third countries, women and girls are not free. It is said that two out of every five pregnancies in the world are unwanted. "According to DSW, a severe situation in this regard has arisen in sub-Saharan Africa. Despite the fact that the birth rate has decreased in recent years, there is still an average of 4.4 children per woman, compared to 2.4 children in the world. According to the UN,¹⁷. Such sudden and unreasonable increases cause a number of problems. In particular, part of the world's population still does not even own a house. As of January 1, 2022, the composition of those who live in their own homes and those who do not have homes is presented in the table below (Table 7).

Table 7. Composition of the world's population as of January 1, 2022, of those who live in their own homes and those who do not have a home¹⁸

T/r	Population status	Population, billion person	Share, %
1.	Number of people living in their own homes	6.0	77.0
2.	The number of people who do not own their own home	1.8	23.0
	TOTAL	7.8 billion more	100.0

The table shows that the number of people living in their own homes is 6.0 billion. per person or 77.0% of the world's population, the number of homeless people is 1.8 billion. per person or equal to 23.0% of the world's population. In this regard, our country is an example to the world. Almost all residents have their own house.

¹⁶ Author's calculation based on information from social networks (@Zarnews_uz).

¹⁷ <https://kun.uz/news/2019/04/02/bmt-sayyoramiz-aholisi-sonini-malum-qildi>

¹⁸ Author's calculation based on information from social networks (@Zarnews_uz).

Conclusions and suggestions. From the results of the research, it can be concluded that the population is increasing worldwide. Along with several positives, this also creates global problems.

First, Currently, the world population is growing, aging, declining birth rates, and rapid urbanization. More than 1/4 of the world's population consists of young people. If you add adults to them, it makes up more than 1/3. If we include the unemployed, it can be seen that 40.4% (26.3+8.1+6.0) of the world's population are only consumers.

Secondly, only 36.1% of the world's population (19.4 agriculture +11.2 industry +5.5 entrepreneurship) is engaged in the production of material wealth. Globally, the number of people employed in the service sector is the highest, making up 23.5% for the period of analysis. As a result of development and improvement of economic and social life, the share of this sector is gradually increasing.

Thirdly, in terms of individual employment, agriculture is in the second place. This year's share is 19.4%. It should be noted that the food supply of the world's population and the supply of raw materials for some industrial enterprises depend on agriculture, and further development of this sector is necessary. In our opinion, the number of employees in this sector will remain. However, as a result of attracting innovative technologies and ideas to this sector, it will be necessary to see ways to achieve the delivery of more agricultural products than the current volume with less labor. After all, it is possible that the share of people employed in this field among the world's population will slowly decrease.

Fourthly, in the 20th century, the majority of the population lived in the villages, but today their share has decreased somewhat, and the urban population is the majority. Currently, 51.0% of the world's population or 4.0 billion people. 49.0% or 3.8 billion people live in the city. It should be recognized that according to the UN report, future population growth will occur at the expense of urban residents. It is expected that in 2030, the population of cities will make up 60% of the total population, and in 2050, it will make up 68%. In Uzbekistan, the share of urban population is 50.6%, and rural population is 49.4%.

Fifth, today 3.7 billion of the world's population living below the poverty line, living on less than 2.0 US dollars a day. person or 48.0% of the total population. These are the population below the poverty line. 4.1 billion people, or 52.0% of the world's population, live comfortably above the poverty line. In the future, it will be observed that the share of the population rising above the poverty line will increase year by year.

Sixthly, The current demographic trends that have occurred today are leading to rapid population growth and correspondingly, environmental problems are increasing day by day. On the one hand, these are opening up new opportunities for development, but on the other hand, they are causing various problems. In particular, the growth of the population and the achievement of economic growth on this basis leads to an increase in the scale of production and consumption. One of them is related to the problem of drinking water shortage. Because the share of the population that is still not provided with clean drinking water is 13.0%.

To make a general conclusion, the world, universe, nature, humanity, and the whole of humanity are constantly changing and renewing as a result of the passage of time and the change of times. Nowadays, every day something new is happening on the world scale, the economic and social life of the world has entered the stage of rapid development. At the same time, the process of integration and globalization is accelerating with its positive and negative factors. In such a situation, every country should constantly move forward to achieve its noble goals in the world arena, reform life and thinking, and get used to living with the spirit of renewal and creativity. It is the establishment of New Uzbekistan, the entry into the third renaissance period, which requires the achievement of global achievements.

196	<p>ISSN 2576-5973 (online), Published by "Global Research Network LLC" under Volume: 5 Issue: 8 in Aug-2022 https://www.grnjournals.us/index.php/AJEBM</p>
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