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**Sacrally-spiritual factors of influence on geodemographic situation in the region.**

*Essence of geodemographic* *situation is opened up in modern terms. Attention is accented on the sacrally- spiritual factors of influence on territorial differentiation of demographic processes. Specified on the immaterial factors of influence on morbidity and death rate of population. It is marked that without the increase of role of spirituality in society, without returning to the traditional christian moral and ethical norms in human relations and production relations it is not possible to localize none of crises, inherent Ukraine.*

*Keywords: system, spiritual**structure, demographic crisis, sin, spiritual* *disease, morbidity, spirituality.*

***Михайло Логвин, Павло Шуканов.******Сакрально-духовні чинники впливу на геодемографічну ситуацію в регіоні.*** *Розкривається сутність геодемографічної ситуації в сучасних умовах. Акцентується увага на сакрально-духовних факторах впливу на територіальну диференціацію демографічних процесів. Вказується на нематеріальні чинники впливу на захворюваність і смертність населення. Наголошується, що без підвищення ролі духовності в суспільстві, без повернення до традиційних християнських морально-етичних норм у людських стосунках і виробничих відносинах не можливо локалізувати жодну із криз, притаманних Україні.*

*Ключові слова: система, духовна структура, демографічна криза, гріх, духовні хвороби, захворюваність, смертність, духовність.*

***Михаил Логвин, Павел Шуканов.******Сакрально-духовные факторы влияния на геодемографическую ситуацию в регионе.*** *Раскрывается сущность геодемографической ситуации в современных условиях. Акцентируется внимание на сакрально-духовных факторах влияния на территориальную дифференциацию демографических процессов. Указывается на нематериальные факторы влияния на заболеваемость и смертность населения. Отмечается, что без повышения роли духовности в обществе, без возвращения к традиционным христианским морально-этическим нормам в человеческих взаимоотношениях и производственных отношениях не возможно локализовать ни один из кризисов, присущих Украине.*

*Ключевые слова: система, духовная структура, демографический кризис, грех, духовные болезни, заболеваемость, смертность, духовность.*

**Introduction**. Statement of the problem. The study of demographic processes in different countries and regions was always relevant. Even in developed countries all the problems associated with the reproduction of population is the priority. In addition, exogenous and endogenous causes of death influence the population actively. We believe that spiritual, moral and ethical factors have decisive influence on the course of these processes and this leads to many diseases and high mortality.

**Analysis of recent research and publications.** Large number of epidemiological observations show that the viability of man depends largely on his psychological state. The presence of severe depression affects physical and mental health, increases mortality. The first scientific definitions of spiritual causes of bodily diseases are made within health by Soviet scientists A.I Yakobiya and I. P. Skvortsov in 70-80s of last century. Then A.A Ukhtomsky, P.K Anokhin, N.A Bernstein, K.V Sudakov and others have shown the target and value settings in determining human behavior. Functional models of such interrelation are shown in the writings of V.E Obukhov. Some features of modern heodemohrafical events in the global and regional levels are clarified in the works of Russian and foreign scientists A. Berestova, P. Buchanan, T. Gracheva, I. Medvedeva, A. Panarin, O. Platonov. Ukrainian scientists I. Dudnik, L.M. Nyemyets, VS Steshenko, O.H. Topchiev, L.T. Shevchuk and others have made a significant contribution to the study of these problems. However, we want to emphasize the importance of spiritual, moral and ethical factors (religion, tradition, morality) and their impact on geodemografical processes.

**Formulation of purposes of the article.** Formulation of the problem. The research goal of this paper is to highlight the impact of intangible (spiritual, moral, ethical) factors on health, morbidity, mortality and reproduction as a whole.

**Presentation of main material.** The main purpose of human life is to achieve and find higher spirituality. Spirituality manages not only the human intellect, but also is the basis of its mental and physical health [3, 4, 6, 8, 9, 10]. Welfare does not save us from serious illness and mental disorders. Truth and true doctrine – is absolute fullness of distorted Divine Law-Commandments. A person carefully complies with well-known physical laws to create various technical systems, but we often look in our Fate for reasons not in violation of divine law, but in combination of external events that is the result from these causes.

It should be noted, the regularity of falling and physical (material) nature of human himself, is manifested in a significant reduction in the duration of his earthly life compared with the longevity of primitive. There is a historical pattern: those nations, among which the sin of fornication was spreading, disappeared quickly or lost their independence. The relationship between the weakening and the extinction of the nation and fornication is obvious historically. Spirituality is primary, and when it is damaged - then body suffers. Sacred Scripture also says about the gradual decline of state power of Israelis which is directly related to the extinction of faith in people. Numerous state laws were not required providing a firm belief of people. Nowadays, "avalanche" of laws collapses on people too, but does not reach its legislative goals.

Religious structure (soul) of each person is individual and is given to him naturally. The soul of man is constantly affected by sin, but under certain conditions is healed by God. Sin – is an affection of defined area of spiritual structure of human, a consequence of his violation of a particular Divine Law, cause of distortion of spiritual, physical (physiological) processes in man. One can imagine appearance of sin in certain areas of the spiritual structure of man as a darkening of functional cell, as a malfunction in the peephole, that symbolizes figuratively the appearance of the spiritual disease in human soul from which person can not recover. This is the cause of the functional (spiritual) distortion of information from the surrounding world that person perceive and comprehends.

Herewith a man considers his views of the world well-judged and "objective". Human genetic code determines the hereditary predisposition to certain diseases in humans, but not the disease itself. Sin distorts not only the spiritual information of a man, but is the cause of disease of specific body - the external or internal [6, p. 172]. A constant frustration among people, which fully characteristic of modern society is one of the major distortions that are brought in by sin.

Ignorance of the Divine Laws of the Holy Gospel does not relieve a person from punishment for unrepentant sins. " God’s forgiveness of sin " means mysterious cutoff (removal) of the "cell" darkened and affected by the sin in the spiritual structure of human. However, even after elimination of the sin, distortion of the original function remains unchanged, because "empty space" remains in the spiritual structure due to absence of carved peephole. It should be healed through the Sacrament of Holy Eucharist (Communion).

It was found out in prof. V. Slozin’s experiment that electroencephalogram showed complete exclusion of the cerebral cortex under full state of consciousness in Orthodox cleric who prayed. A person was praying, but he lacked electrical impulse completely, which indicates the work of the cerebral cortex. Namely a state of complete disconnection of the brain in clear consciousness was observed. This phenomenon has been called the fourth state of human [11]. A complete disconnection of the cortex during slow sleep and during prayers occurred as well. So prayerful state is as inherent and necessary in human body as three previously known. When fourth physiological state of the brain, so necessary, is missing in human’s life according to his will, then perhaps some negative processes occur. A real departure from reality takes place during true prayer, that leads to the destruction of pathological relationships and promotes person’s recovery, and sorrow, rock music divert people from the state of harmony, also causing electrical impulses, similar to epileptic seizures in the cerebral cortex. Therefore, in his opinion it can be argued that the fourth condition allows or helps a person to be a man.

Personal interests are connected with the traditions, memories of the past to some extent, which are person’s support in the modern world. Customs, social settings, norms of behaviour, rituals, ideas and values​​ are passed from generation to generation. According to experimental data of research on animals and children [2, p.. 288], the number of new should not exceed 1 / 3 of the known, otherwise you are under stress. Therefore, traditional societies have evolved relatively slowly, but had a high degree of stability.There is a struggle with social principles, for the disconnection and of peoples’ atomization for establishment of world domination,creating conditions for moral loneliness, mental inferiority, depression. E. Durkheim rightly defined this state of society in the term - anomie (without rules), a condition in which the laws, traditions, morality ceases to perform regulatory function, which always leads to the destruction of social ties, the destruction of the state and across the world society - destruction of civilization.

It is important to note that rejection of the collapse of the state and the new ideology defined not so much by the previous Soviet upbringing, but distant historical memory of people, its ethnic archetypes. Therefore, the most powerful rejection of liberal reforms happening everywhere, except in Western Ukraine. This can be explained by the fact that most high growth observed mortality in Eastern and Central Ukraine. Men are more affected because their social role has undergone a greater strain than women’s. In 1991-1994 it was the greatest increase in mortality , which was observed not in the older age groups, and in young and middle-aged generation. By 1998 the mortality rate in elderly almost returned to pre-reform values, and the youth remained still high. Probably, spiritual young genotype was more vulnerable and sensitive to moral damages because they did not have protective mechanisms produced by the older generation in the previous life.

On the contrary, the study of health among active believers shows that "quality" of their lives better. Christianity teaches overcome pride, envy, arrogance, anger, anger, irritability, and respect for the many posts, that struggle with overeating, vynopyttyam, smoking or regulating human metabolism, which helps prevent atherosclerosis, heart disease and blood vessels, gastrointestinal tract and many more.

Adaptive-compensatory ability of a person is material and ideal. The first activities include physiological, biochemical, immune and other bodily systems. The second system includes psychological properties, especially priorities in life, interpersonal relationships and emotional states. Such life's priorities, as ambition, sexual permissiveness, gluttony, and such relationships between people are based on selfishness and bitterness, emotional states such as sadness, hopelessness, anger, leading to a decrease in vital resistance and increased risk of death.

In theological psychology focuses on three groups of parameters spiritual distress:

1) contains the "sins" perverse objectives, which forced people to choose the wrong path in life. Harmful to the objectives include the desire for profit "sriblolyubstvo" promiscuous sexual relations ("fornication"), capture alcoholism, drug addiction ("a favorite") and others.;

2) "sins" destructive social relationships. Some of them lead to the destruction of society (through individualism, selfishness, jealousy, disrespect for parents and older), others - to suppress the freedom of the individual (through the dominance of mass culture);

3) includes the "sins" destructive emotions that form in the mind of man dominant foci of self-destruction (anger, depression, loss of meaning in life, hopelessness). You may think that listed moral and emotional states not only destroy individual rights, but also its physical basis, ie, patient spirit leads to disease of the body.

We can assume that spiritual distress not only contributes to the development of disease, but it is Damaging factor. Quantitative measurement of negative spirituality material devices can not be met because the subject of measurement are the intangible things. In such situations, theology recommends evaluate human morality indirectly, for actions. As the number of violations of human commandments ("Thou shalt not kill", "Do not steal," "Do not commit adultery," "do not do idol", "Honor your father," you can retrospectively judge the level of damage to the spiritual sphere. Units of measurement can serve as official statistics on crimes that are considered a violation of the above commandments: murder, abortion, robbery, divorce, venereal disease, alcoholism, single mother, abandoned by parents and children, suicide and so on. where social anomalies are more common, the level of "sinfulness" of the population higher.

The main indicators of negative spirituality available for international comparison purposes, are suicide and murder. The first show hopelessness, loss of meaning in life, the second - the aggressiveness, anger. The total value of spiritual distress describes the overall crime. From 1985 to 1995, murders increased in Ukraine 3 times, suicide - in 1.3 times, looting and robbery - 6 times, the total crime - in 2.6 times (rate of crime: 1985 - 615, 2007 - 878, 1995 - 1246). Number of prisoners under the sentence of the courts, which entered into force in 1990 amounted to 104.2 thousand people .. and in 1995 - 212.9 thousand people., factor convictions 1995 - 413, and in 2000 - 466. In 2000, the number of persons who have committed crimes amounted to 230,900 people. The incidence of venereal disease in 1990 was 6,0 ‰, and in 2000 - 91,9 ‰ (15 times more). Particularly active this disease in our country has evolved from 1990 to 1997. During this time, the incidence of syphilis increased 25 times, and among girls under 14 years - almost 150 (!) Times. Characteristically, the incidence of young women aged 15-17 years - future mothers of our nation - was three times higher than the incidence of men the same age. Now its level exceeds more than 10 times the figures 1985.

So there was some hidden agent, which formed a single predisposition to crime, suicide and disease. Most likely, this is a moral and emotional state of society. Additionally, operating local coincidence (genetic, social, economic and others.) Who "forced" some people commit crimes, suicides, and others to become ill.

The above arguments suggest the existence of the law "spiritual and demographic determination" ceteris paribus improvement (deterioration) of the spiritual, moral and emotional state of society is accompanied by a decrease (increase) morbidity and mortality and improvement (deterioration) demographics [1]. In this case, the term "mortal anguish" seems no longer a metaphor, and diagnosis.

Hopelessness, depression, lack of meaning in life, anxiety leads to depression of the immune system that promotes cancer. The presence of bitterness, hostility, cynicism, hnivlyvosti lead to a significant reduction in life expectancy and a sense of social relevance and usefulness, availability of future plans and goals in life, the desire to live, satisfaction being increased life expectancy. The same effect have social relationships, social support, desire for knowledge reduce the risk of life-threatening diseases.

That is, people with aggressive embittered behavior are at increased risk of death. Helplessness and hopelessness of the situation provide Damaging effect on the immune system. On the contrary, the successful overcoming difficulties a positive effect, which increases the pool of health.

Spiritual distress provides a damaging effect on the body not only directly but also indirectly by stimulating other mechanisms of risk: bad habits (smoking, alcoholism, drug addiction), over-or underweight, and others. Their prevalence has increased in a hopelessness, loss of meaning in life, aggressiveness.

It becomes clear why in 1992-1993 saw an increase in not only non-infectious, but infectious diseases against a background of adequate health service, stable microbiological indicators of soil, food, water, air. For example, in 1995 the incidence of diphtheria has grown compared to 1985 in 103 times. Similar patterns were in the area toksykohennyh processes: alcoholic psychosis and poisoning deaths began to occur at much lower concentrations of alcohol in the blood than before.

Conclusions. Thus, note that man, the population of the country and its regions has significant reserves in improving the demographic situation. Primarily, this refers to the sacralization of life, awareness of their relationship (health, illness, stress, depression) to perform the Divine Laws. Otherwise, the process of degradation deantropizatsiyi society and the individual will only be extended and complicated.

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