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OQOLTIN DISTRICT POPULATION HEALTH AND ITS GEOGRAPHICAL FEATURES

Annotatsiya: The article provides a comprehensive analysis of the geographical location, natural conditions, and positioning of Oqoltin District. It thoroughly examines the district's population composition, gender ratio, age group distribution, as well as health indicators, demographic changes, and social conditions. The geographical, economic, and social differences among settlements are analyzed, with specific analytical conclusions presented for each settlement.

Keywords: population, birth rate, mortality, disease, OP, KTMP, OSHP, men, women.

OQOLTIN TUMANI AHOLISI SALOMATLIGI VA UNING GEOGRAFIK XUSUSIYATLARI

Annotatsiya: Maqolada Oqoltin tumani geografik o'ri, tabiiy sharoitlari va joylashuvi keng qamrovli tarzda tahlil qilingan. Tumanning aholi tarkibi, jinsiy nisbat, yosh guruhlari bo'yicha taqsimlanishi, shuningdek, aholining salomatlik ko'rsatkichlari, demografik o'zgarishlar va ijtimoiy sharoitlar chuqur o'rganilgan. Aholi punktlari orasida geografik, iqtisodiy va ijtimoiy farqlar tahlil qilinib, har bir aholi punkti uchun alohida tahliliy xulosalar keltirilgan.

Kalit so'zlar: aholi, tug'ilish, o'lim, kasallik, OP, KTMP, OSHP, erkaklar, ayollar.

Okoltin District is located in the Syrdarya region and was established on August 29, 1971. The district borders the Republic of Kazakhstan to the north, Mirzachul District of Jizzakh region to the northwest, Dostlik District to the southwest, and Sardoba (Sharof Rashidov) District to the south. To the northeast and southeast, it shares borders with Mirzaobod District. The total area of the district is 0.55 thousand km.

1-Table

General geographical description of Okoltin district

District name	Oqoltin District
Date of establishment	August 29, 1971
Area	0.55 thousand km ²
Population	56.6 thousand people
Relief	Plain

Source: The table is based on data from the Statistics Department of the Syrdarya region.

Population: In 2025, the population of Oqoltin District is expected to reach 56.6 thousand people. In terms of ethnic composition, the majority are Uzbeks, along with Kazakhs, Tajiks, Russians, Tatars, and representatives of other nationalities. The average population density is 95.9 people per km², which is twice lower than the regional average. [1].

If we analyze the population composition using a linear R equation:

$$R = \frac{E}{A}:$$

Here:

- **R** represents the ratio of men and women.
- **E** represents the number of men.
- **A** represents the number of women.

Oqoltin district: Men: 50,4%, - Women: 49,6%

$$\text{So, } R = \frac{50.4}{49.6} \approx 1.016$$

It means:

Since **-R > 1**, the number of men is greater than the number of women.

- If **R = 1**, the number of men and women would be equal.

- If $R < 1$, the number of women would be greater.

Based on the above situation, the ratio can be analyzed as follows:

1. Birth Ratio – Naturally, more boys are born, contributing to the $R > 1$ condition.
2. Migration – More men may have stayed or arrived in search of work.
3. Mortality Rate – Age composition and life expectancy also affect this ratio.

A linear analysis shows that a slightly higher number of men can lead to changes in the labor market, social relations, and family structures.

2- Table

Natural Movements and Demographic Indicators of Okoltin District Population

	People		Coefficient, per 1,000 population in per mille	
	2023	2024	2023	2024
Natural Population Growth	901	960	16,2	17,1
Births	1170	1228	21,1	21,9
Deaths	269	268	4,9	4,8
Registered Marriages	401	388	7,2	6,9
Divorces	91	85	1,6	1,5
Immigrants	311	436	5,6	7,8
Emigrants	463	572	8,4	10,2

Source: The table was compiled by the authors based on data from the Statistics Department of the Syrdarya region.

In January-December 2024, the number of births reached 1,228 people, which is 58 more than in the same period of 2023 (1,170 people). The birth rate coefficient also increased:

- 2024 – 21.9 per mille,
- 2023 – 21.1 per mille,
- Increase – 0.8 per mille.

In January-December 2024, the number of deaths was 268 people, which is 1 less than in the same period of 2023 (269 people). The mortality rate coefficient also decreased:

- 2024 – 4.8 per mille,
- 2023 – 4.9 per mille,

- Decrease – 0.1 per mille.

As of January-December 2024, the natural population growth was 960 people, which is 59 more than in the same period of 2023 (901 people).

In January-December 2024, the Civil Registry Offices recorded:

- 388 marriages,
- 85 divorces.

Per 1,000 people:

- Marriage rate coefficient – 6.9 per mille (7.2 per mille in 2023).
- Divorce rate coefficient – 1.5 per mille (1.6 per mille in 2023).

This indicates that the number of marriages has slightly decreased, while the number of divorces has also slightly declined.

3-Table

The Population Assigned to KTMP, OP, and OSHP in Oqoltin District and Primary Disease Indicators

№	KTMP OP, OSHP name	Name of the MFY	Population	Number of Patients
1	KTMP	A. Navoiy	2908	9562
		Saxovat	3420	
		Ko'rkam Diyor	5460	
		Yangi Tashkent	1626	
		Tashkent	2595	
2	Andijan	Andijan	6207	551
3	A.Toirov	Shodlik	3420	1760
4	Z. Babur	Akhillik	6030	5295
5	Uchtam	Uchtom	886	59
6	Ferghana	Yangi Hayot	3017	1592
		Mustaqillik	3451	
		Boston	5852	
Total:	6	11	52304	18694

Source: The table was compiled by the authors based on data from the Oqoltin District Statistics Department.2024

In Oqoltin District, the total number of families is 12,852. The number of families with children under 18 is 8,180, while large families (with 4 or more children) total 1,360. The number of single-parent families (where either the father

or mother is absent) is 572, and families with persons with disabilities amount to 754. There are 299 families with members suffering from serious chronic illnesses.

Additionally, there are 26 elderly individuals (65 years and older) living alone, while 375 families are engaged in family entrepreneurship. The number of families with members who have gone abroad for work is 691.

Economy Cotton farming is the main sector of the district's economy. The total land area of the district exceeds 36.9 thousand hectares, of which:

- 19.9 thousand hectares are allocated for cotton,
- 14.1 thousand hectares are used for grain crops,
- Additionally, vegetables, melons, and fodder crops (alfalfa) are cultivated, along with orchards, vineyards, and mulberry plantations.

Livestock farming is also developed, with cattle breeding and silkworm production playing an important role. The district has a cotton processing plant, 22 general education schools, 3 colleges, libraries, cultural centers, a central hospital, a polyclinic, and other medical institutions.

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