

# The analysis of factors of social interaction in the design of housing for highly skilled migrant workers

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**Abstract.** *In the article the analysis of factors of social interaction features for highly skilled working migrants was carried out.*

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The human dimension is the most important component of spatial organization. It is characterized by the population, its structure (age, education), the ratio of different categories of the population. In this context, it is important to take into account the factors of social interaction in architectural development in general, and in the process of designing integrated housing for highly skilled migrant workers.

## ANALYTICAL OVERVIEW OF SOURCES

Problems of social interaction are widely reflected in scientific sources. Various aspects of the theory of social communications are studied by V. Ilganaeva [1]. The issue of social integration is thoroughly analyzed in his work by I. Hnes [2]. M. Gabrel substantiates the theoretical foundations of spatial organization on the basis of the model of five-dimensional vector space "man - function - conditions - geometry - time". To solve the problems of spatial organization and development of territorial systems of different hierarchical levels, the scientist proposes to use the model "PROGRESS" (spatial harmonization of regional systems) [3]. Also, for the study of our problems are valuable scientific works of V. Babyak, which consider the social problems of integration of

housing for immigrants in the structure of urban housing [4].

The purpose of the study is to determine the main factors of social interaction in the design of housing for highly skilled migrant workers in Ukraine, based on the use of sociological methods.

## THE ANALYSIS OF SOCIAL INTERACTION FACTORS OF DESIGNING HOUSING

Due to the crisis, migration processes are intensifying, including the migration of workers from various industries. After the political upheavals and the economic crisis, there have been significant changes in migration and migration trends in Ukraine. In particular, in Fig.1. recent changes in such processes in the Lviv region are reflected.

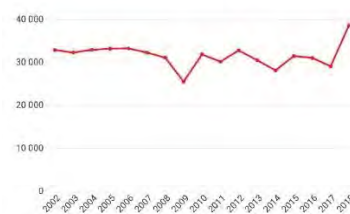


Fig. 1. Migration movement of the population in Lviv region

The growth of migration processes determines the demand for the development of specialized housing for highly skilled migrant workers. In order to solve these problems, a survey was conducted among highly qualified skilled workers in Ukraine who migrated due to a change of place of work.

According to the results, 70% of respondents, most professionals who had the experience of labor

migration were female, and 30% - male. Out of the 114 respondents, the majority (73.7%) are people aged 18 to 25. Next on the list are highly skilled migrants aged 44-60 - 12.3%. 81.6% of respondents have no children (Fig. 2).

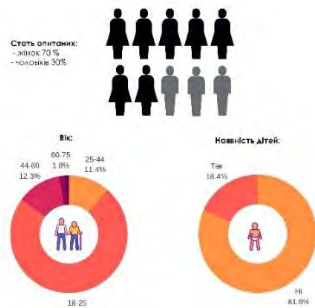


Fig.2. Social portrait of a highly skilled migrant worker.

Figure 3 shows statistics on the following factors of social interaction: the question "which premises are you ready to share with other residents?" respondents answered as follows: ready to share with others- laundry and dryer - 30%, bedroom - 0.8%, living room - 25.9%, bathroom -11.7%, kitchen - 31.6% (Fig. 3).

Also, 79.6% agreed with the option when there is only a bedroom in common and all other areas are shared with other residents of the apartment.

The largest number of surveyed workers (45.9%) would like to have such a common area as an open roof terrace, and 27.5% of respondents would like to have a gym. Also, 11% chose a coworking area, 3.7% - a library, 7.3% - a park; 3.7% -cafes, and the least chose a restaurant-0.9% (Fig.4).

Designing integrated housing for migrant workers in Ukraine can significantly improve the performance of complex tasks for the worker in the workplace, as well as facilitate their integration into the new environment.



Fig.3. Communicative priorities of a migrant worker

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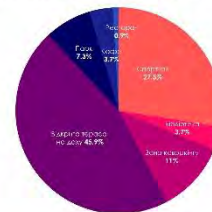


Fig.4. Communicative priorities of a migrant worker

In the process of designing housing for highly skilled migrant workers, it is necessary to take into account the standard area of housing, adhere to the list of requirements for location in the city, configuration, and typological structure. According to the results of the survey, the need for employees in additional functional areas and premises should also be taken into account.

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