

DEMOGRAPHIC FORECASTING IN THE MUNICIPALITIES ON THE EXAMPLE OF SEVEROURALSK CITY

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Abstract: The article contains an analysis conducted by the author of the demographic and socio-economic situation of the Severouralsk city district. Demographic planning at the municipal level is traditionally a weak link in the system of economic planning in Russia. Based on the review of demographic projection methods which are applied in modern economic science, the author has calculated the total number and the natural reproduction of the population in the district until 2020. The author has used two main methods of demographic planning: the extrapolation method and the method of cohorts. Both calculations have confirmed the negative tendencies of demographic development of the district - a further reduction in of total number of the population.

Keywords: population projections; promising population; demographic forecasting methods; extrapolation; method of cohorts; fertility rate.

JEL codes: J11; J13; C53.

References

1. Deschermeier Ph. Population Development of the Rhine-Neckar Metropolitan Area: A Stochastic Population Forecast on the Basis of Functional Data Analysis// Comparative Population Studies. - 11/2012; 36(4). - p.731-768.
2. Hunsinger E. An Expert-Based Stochastic Population Forecast for Alaska, Using Autoregressive Models with Random Coefficients // SSRN Electronic Journal 09/2010
3. Li Q., Reuser M., Kraus C., Alho J. Ageing of a giant: A stochastic population forecast for China, 2006-2060 // Journal of Population Research. - 03/2009; 26(1). – p.21-50.
4. Tayman J., Smith S.K., Rayer S. Evaluating Population Forecast Accuracy: A Regression Approach Using County Data // Population Research and Policy Review. - 04/2011; 30(2). – p.235-262.
5. Questions of reproduction and population policies. / Ed. Ed. VA Borisov. - M., 2004.-175 p.
6. Denisenko M., Kalmikova N. Demography. - M.: INFRA-M, 2007.
7. Methods of demographic forecasting. General description of the methods used in demography. – URL: <http://www.sociologyzone.ru/sogos-540-1.html>

8. On the demographic situation in the Sverdlovsk region in 2014. – URL: <http://economy.midural.ru/sites/default/files/files/demografiya.pdf>
9. Passport of Municipality: Severouralsk urban district. – URL: <http://adm-severouralsk.ru/in/md/econ>

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