

COMPARATIVE ANALYSIS OF FERTILITY PARAMETERS IN RUSSIA AND CHINA

Inna Koulkova

**Doctor of Economics, Professor in Ural State University of Economics
Yekaterinburg, Russia**

Tatiana Plutova

Customer Care Manager in Easy Start

北京 易得商务中心 北京市 东三环北路甲26号博瑞大厦4层

Beijing, China

Abstract. The article contains a comparative analysis of demographic indicators of the Russian Federation and the People's Republic of China. Firstly dynamics of the population size has been compared in these countries in the period from 1950 to 2015, which has revealed the steady population growth in China and a significant reduction of the population size in Russia for 25 years. Because there are two reasons for the growth of the population size: the processes of birth and death, as well as migration processes, the authors have further analyzed the dynamics of the overall external migration coefficient for the period from 1950 to 2050. It was found that the main reason for population growth was the natural population movement. Therefore the authors have further analyzed the birth rate per 1000 population, fertility and net reproduction rate; these indicators are relative and do not depend on the the overall population size. The values of indicators were close, however, the comparison of population age structures in Russia and China in 2015 showed that from an economic point of view, the situation in China was more favorable. Finally, we compared the demographic load factors of Russia and China in 2015. Based on the analysis, the authors made a forecast about the Chinese total population' changing in connection with the resolution to have a second child in a families.

Keywords: fertility; comparative analysis; demographic indicators; population size; the age structure of the population.

JEL codes: J11; N35.

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Contact

Inna Koulkova

Ural State University of Economics

70-232, 8th of March Str., 620144, Yekaterinburg, Russia

redactor@progress-human.com

Tatiana Plutova

Easy Start

北京 易得商务中心

北京市 东三环北路甲26号博瑞大厦4层

Chaoyang District East Third Road No. 26, Beijing, China

tplutova@yandex.ru