

# MODELING OF BOSNIA-HERZEGOVINA GROWTH POPULATION

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**Abstract:** *The main topic of this work is modeling of the population growth in Bosnia and Herzegovina until 2050, by using logistic model with logistic equations and the official data from very last reliable sources in order to supply the responsible authorities with relevant anticipated results for long-term development planning. Knowing concrete data from structural diagram we caught sight of which feedback will have strong impact on survival population. We found elements regulating the growth population and holding balance of the system. Almost thirty years Bosnia and Herzegovina falls into the group of low birthrate countries and just now is going to the depopulate phase of the natural trend. A lot of negative migration trends exerted on the decreasing birthrate and fertility. The results show the reliable parameters for trends of population growth.*

**Keywords:** *birth-rate, mortality (death) rate, mathematical modeling, demography*



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