

The causes are represented by declining birth rates and increasing mortality rates [4].

Table 1 – The natural movement of population in Buzău city, 1990 – 2012

Year	1990	1995	2000	2005	2010	2012
Natality	11.2	8.7	8.5	9.5	9.7	8.3
Mortality	6.2	6.8	7.2	8.3	8.4	9.1
Natural increase/decrease*	5	1.9	1.3	1.2	1.3	-0.8

*data calculated by author

An obvious influence on variation in the number, structure and spatial distribution of a population is given also by migration (territorial mobility of the population). In Buzău, the main manifestations of migration are permanent migration to more attractive cities and daily (diurnal) migration of the commuters [5].

References

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PROBLEMS OF SPATIAL DEVELOPMENT AND DEMOGRAPHIC STRUCTURE OF METROPOLITAN AREA POZNAN (POLAND)

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Poznan Metropolis Association is an association of communes that belong to Poznan agglomeration. City of Poznan itself is one of the biggest cities in Poland and historical capital of Greater Poland region. The Capital City of Poznan together with its surrounding communes is one of polish metropolitan areas that aim is to promote the idea of territorial self-government and protect common interests of its members. In fact, this is the way to activate mechanism of coopera-

tion between communes and to support socio-economic development of whole region.

Metropolitan Research Center (CBM) was created in 2009 as a special research unit of the Adam Mickiewicz University in Poznan. Main goal is to achieve common strategy of development in all communes of metropolitan area Poznan that is associated in Poznan Metropolis Association. CBM carries out researches and provides analysis, expertises and strategies for the government, local governments and various kinds of social and economic organizations that activity focus on issues of metropolitan area. Research center team constantly cooperates with local governments, local stakeholders and other institutions in agglomeration. Interdisciplinary researches of CBM includes e.g. diagnosis and studies on spatial-functional structures, strategies and prognosis for metropolises development including demographic structures and its problems.

The concept of spatial development directions of Poznan Metropolis is the most recent project that was accomplished in 2015 by CBM in cooperation with UE. The project had partial financing from Technical Support Operational Programme for 2007-2013.

In order to accomplish this project it was necessary to collect extraordinary amount of data that was collected during fieldwork, surveys conducted among citizens and data provided by government and local governments. That gave all involved researchers opportunity to see the most accurate and up to date image of Poznan Metropolis. There was a lot of different kinds of analysis conducted by experts from many fields of interest. The major aim was to prepare optimal strategy of spatial development directions of Poznan Metropolis. One of the most important parts of analysis was to specify demographic structure. Results of that analysis show existence of some problems in fulfilling demand for certain services of its citizens and lacks in infrastructure of communes that belong to Poznan agglomeration.

As the result of the researches there was created a plenty of maps and other cartographic materials including diagrams and graphics that uses modern image processing techniques, 3D visualization and GIS. Because of that visualization, interpretation of all obtained expertises and analysis are very easy and understandable for both simple citizens and experts. Publication that includes all of the results is now under process of public evaluation and so far none of its contents have been published in its final form. Estimated time of final publication is summer of 2015.