

Abstract

This work is focused on evaluation the status and changes in the availability of primary health care in the Czech Republic. Primary health care in this case is divided into four groups according to specialty and surveyed the availability of the population from the whole republic to these doctors and at the same time the validity of the law which sets the availability of primary health care within 35 minutes. In the first part, individual theoretical parts, which are related to the topic and content of the work, are analysed. The next section describes the collection of used data. Another methodical part deals with data editing and processing. The last part contains the results and the evaluation which are illustrated in graphs as well as described. The graphical output is composed of maps (attachment) that show the local availability of the population to primary health care. The results provide not only the current state of primary health care, but also some estimates, how local availability can evolve over the coming years. The overall results are summarized in the conclusion.

Keywords: primary health care, accessibility, network analysis, road network, GIS