

Abstract

This thesis is focused on a comparison of an influence of geodemographic factors on costs of the medical care and a prevalence or an incidence of diseases. The cancer was chosen for the research due to the slowest mortality drop among main death causes, specifically types of the cancer with the highest mortality ratio. Because of significant differences between the diseases various methods of an analysis and a work with information sources were selected. As the main statistical method was used a linear regression for a verification of assumptions based on both medical and socioeconomic factors.