

Analysis of the regional development of mortality in NUTS 3 regions in Czechia and Sweden during 1997–2011

Abstract

The aim of this thesis is to analyze and describe the development of regional mortality in Czechia and Sweden from 1997 to 2011. Besides of total mortality of both countries and their regions we will focus on the development of regional mortality and regional differentiation of mortality from five most common causes of death for both sexes. These five groups include diseases of circulatory, respiratory and digestive system and neoplasms with external causes of morbidity and mortality. As a basic indicator from selected causes of death is used age-standardized mortality rate and in case of total mortality is also used life expectancy. In both countries the raise of life expectancy and decline of standardized mortality rates were observed during the monitored period. The decline of standardized mortality rates were observed in both countries for almost all causes of death with one exception. The exception was rise of the mortality from respiratory system diseases in Czechia.

Keywords: mortality, regional analysis, causes of death, Czechia, Sweden, regional inequalities