

Regional development of smoking-related mortality in the Czech Republic in 1994–2009

Abstract

This work deals with the development of mortality from smoking-related diseases in the Czech Republic and regions of the Czech Republic in 1994–2009. Analytical part assesses the development of mortality on selected groups of diagnoses or individual causes of death associated with smoking in the Czech Republic. For the regional analysis, six specific diagnoses with the largest share of the total intensity of mortality in the Czech Republic are chosen. The author concludes that the intensity of mortality from all diseases related to smoking decreased among both sexes in all regions, mainly due to decline in mortality from circulatory system diseases. There was observed opposed development of the intensity of mortality from the cause of malignant neoplasm of bronchus, trachea and lungs between the sexes, where there were reduced the level of mortality by men and increased by women. From the results of the analysis it is evident that the areas with the highest intensity of mortality related to smoking are in the north-western Bohemia.

Keywords: mortality, causes of death, smoking, Czech Republic, regions