

**CHARLES UNIVERSITY IN PRAGUE**

Faculty of Science

Department of Demography and Geodemography

**MASTER THESIS**

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**DEVELOPMENT OF LUNG CANCER MORTALITY IN  
THE EUROPEAN UNION FROM 1980 TO 2006**

Master Thesis

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Prague 2011

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I declare that this thesis is my own work under the supervision of RNDr. Boris Burcin, PhD. Where other sources of information have been used, they have been acknowledged.

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In Prague

Maxat Kulzhanbekov

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## **Development of lung cancer mortality in the European Union from 1980 to 2006**

### **Abstract**

This master thesis is devoted to study development of lung cancer mortality in the European Union from 1980 to 2006. Through the past two decades cancer was significantly increasing cause of mortality and major public health problem in Europe. Lung cancer remains the most frequent cause of deaths among other form of malignant neoplasms. Mortality development from lung cancer and other frequent forms of malignant neoplasms significantly differentiated between Western and former communist countries of Europe. Over the last two decades lung cancer mortality substantially reduced among males, while among females it was increasing. Elderly people over age 65 are the most numerous populations suffering from lung cancer. Tobacco smoking continues to be the major risk factor which contributes to lung cancer.

**Keywords:** The European Union, malignant neoplasms, lung cancer