

Tumours caused by professional exposition of chemical, physical and biological factors in Czech Republic in the timeframe from 1996 to 2008 are on a descending curve. Majority of patients are men. Ionisation energy and radiation was the prime factor among physical factors; coke production gases and aromatic nitro or amino compounds were the leading factors among chemical factors. The influence of biological factors was insignificant. Ionisation energy and radiation and asbestos were the top two causes of tumours which arose from professional exposition to said risk factors. The most common tumour encountered in this timeframe was a tumour of bronchi or lung, followed by mesotheliomas of peritoneum and pleura. According to industrial classification, vast majority of over 70% tumours caused by professional exposition occurred within the scope of mining, metallurgy and succeeding industrial processes dealing with ores and their processing.