



MINISTRY OF THE ENVIRONMENT OF THE SLOVAK REPUBLIC



**STATE OF THE ENVIRONMENT REPORT  
SLOVAK REPUBLIC 2005**





*Healthy conditions of living and working conditions shall be created and secured by conservation of air, water, land and other elements of environment...*

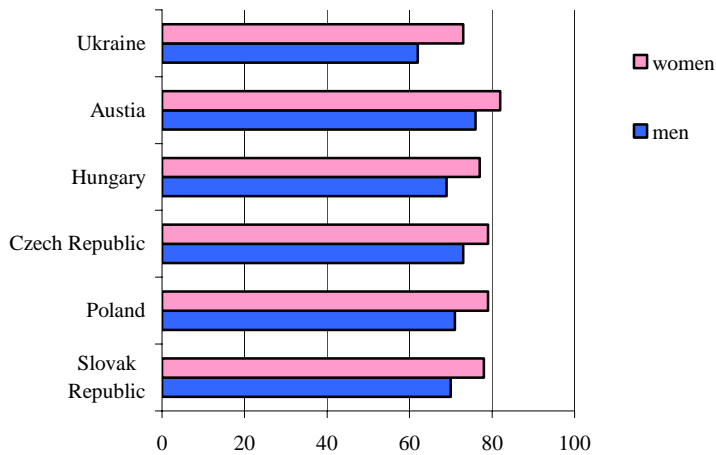
*§13a of the Act No. 272/1994 Coll. on Protection of Human Health as subsequently amended*

## • PUBLIC HEALTH

### Life expectancy at birth

In 2005, **average life expectancy at birth** reached 70.1 years in men. The trend is rising in women, reaching 77.9 years. **Average age** of the living Slovak population increased to 35.8 in men and 39.0 to women in 2004. However, it is still approximately 3 years lower than the average age of the EU population.

### Comparison of life expectancy at birth in selected countries (2005)



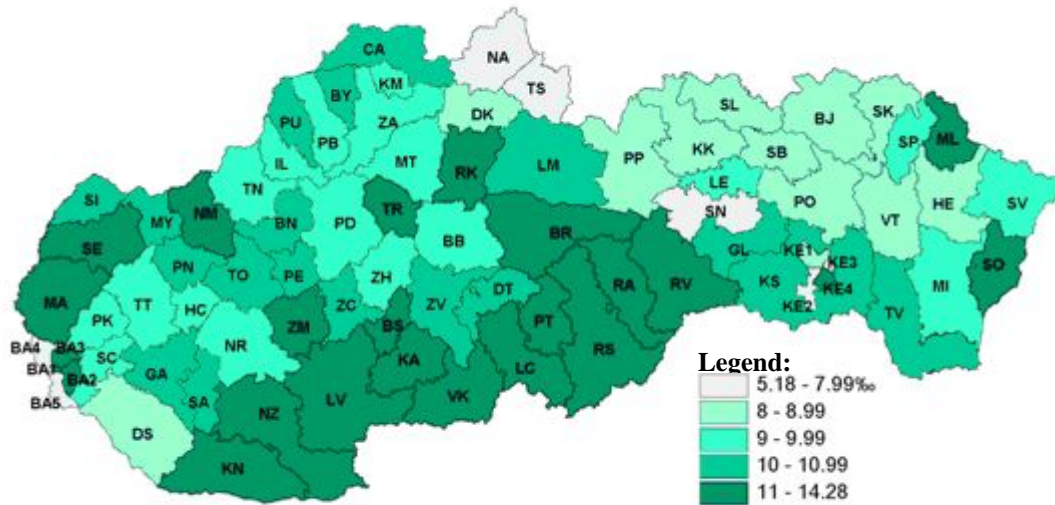
Source: WHO



### Morbidity and mortality

In 2005, 28 151 thousand men and 25 324 thousand women died in Slovakia, which represents an increase by 847 in men, and 776 in women, compared to 2004.

Number of dead in 1 000 inhabitants according to districts in 2005

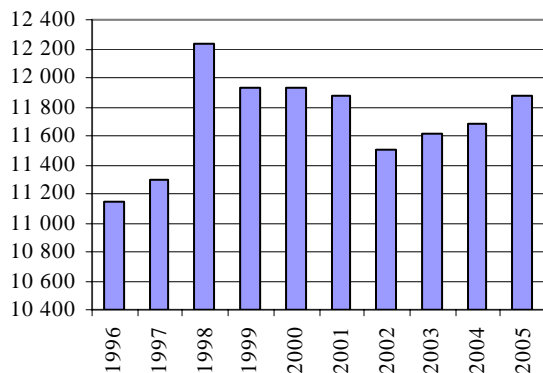


Source: SO SR

Greatest public mortality both in men and women over a long time period has been from **circulatory system diseases**, with 29 131 deaths, which is 47.9 % in men and 61.9 % in women. Most deaths are caused by acute heart attack and vascular cerebral disease. Second most frequent cause of death for both, men and women, are still **tumors**. Cancer shows a rising tendency, with 11 874 deaths in 2005, which is 24.7 % of men and 19.4 % of women. Most frequent causes of death are tumors of the pharynx, trachea, bronchi, and lungs, as well as malignant tumors of the stomach, colon and rectum. In men, third most frequent cause of death is **injuries and poisonings** (8.7 %). In women, third cause of death is **diseases of the respiratory system** (5.2 %).

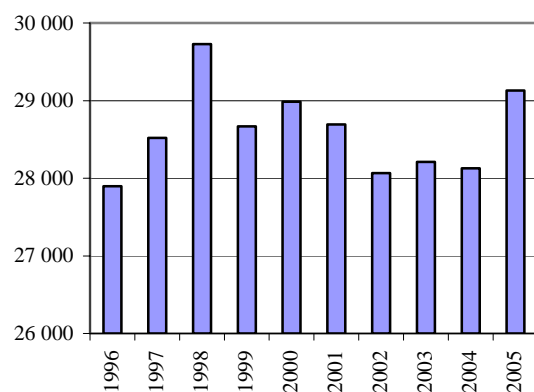
Basic factors influencing mortality of Slovak inhabitants

Cancer



Source: SO SR

Circulatory system diseases



Source: SO SR

A slight increase in infant and neonatal mortality is a negative trend. **Infant mortality** increased to 7.2 ‰ in 2005, compared to the previous year. In the case of **neonatal mortality**, there was an increase from 3.9 ‰ in 2004 to 4.1 ‰ in 2005.

#### Public Health – selected indicators

Indicator	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Life expectancy at birth										
• Men	68.8	68.9	68.6	68.95	69.15	69.51	69.77	69.76	70.29	70.1
• Women	76.6	76.7	76.8	77.03	77.23	77.54	77.57	77.62	77.82	77.9
Live-born/1 000 inhabitants	11.2	11.0	10.7	10.4	10.2	9.5	9.5	9.6	10.0	10.1
Deaths under 1 year/ 1 000 live-born	10.2	8.7	8.8	8.3	8.6	6.2	7.6	7.8	6.8	7.2
Neonatal mortality	6.9	5.4	5.4	5.1	5.4	4.1	4.7	4.5	3.9	4.1
Number of deaths	51 236	52 124	53 156	52 402	52 724	51 980	51 532	52 230	51 852	53 475
Deaths per 1 000 inhabitants	9.5	9.7	9.9	9.7	9.9	9.7	9.6	9.7	9.6	9.9

Source: SO SR

**NEHAP III – National Environmental and Health Action Plan of the Slovak Republic III** is a significant strategic document developed in 2005. Its major objective is to minimize the risks associated with environment and preserve the environment in such a state that the health of people, including children, is not threatened but positively developed. Besides demographic data relating to health and environment, the Action Plan also contains assessment of the NEHAP II implementation in the SR, implementation of the Action Plan for environment and children's health in Europe, definition of principles and objectives, its institutional feasibility, especially further developing of the high priority environmental and health areas. There are 43 measures proposed, with assumed implementation in the years 2006-2010. The NEHAP III program includes the following units:

1. **Action plan for environment and children's health – 4 regional priority objectives**
2. **Human bio-monitoring**
3. **Information system of environment and health**
4. **Climate changes and health.**

Approval of the **National Environmental and Health Action Plan of the Slovak Republic III (NEHAP III)** is expected to take place in the beginning of 2006.